```
                                        ___  ____  ____  ____  ____ (R)
                                       /__    /   ____/   /   ____/
                                      ___/   /   /___/   /   /___/
                                        Statistics/Data Analysis

                                          User: para definir criterios
                                       Project: tax2020
   ------------------------------------------------------------------------------
   > -------------------
         name:  <unnamed>
          log:  C:\Users\chen\OneDrive\Documentos\R\tax_ene2020\tax_2020\resultado
   > s\encuesta\/desc_wav
   > e8.log
     log type:  text
    opened on:  31 Jul 2021, 17:00:08

 1 .
 2 . use "$datos/91224059_w01_w08_appended_merge_w1_w8_v1_06042021_ETIQUETA SEND_w
   > eights.dta", clear

 3 .
 4 . keep if wave == 8
   (10,508 observations deleted)

 5 .
 6 . save "$datos/w08_resultados.dta", replace
   file datos/encuesta//w08_resultados.dta saved

 7 . export excel using "$datos/wave8.xlsx", replace
   file datos/encuesta//wave8.xlsx saved

 8 .
 9 . // etiquetas
10 . label define numcaj 1 "14 cigarros" 2 "20 cigarros" 3 "25 cigarros" ///
   >        4 "Otro" 5 "No sé"

11 . label values q029a numcaj

12 .
13 . // consumo en el 'ultimo mes
14 . ta has_fumado_1mes

   has_fumado_ |
         1mes |      Freq.      Percent        Cum.
   ------------+-----------------------------------
           No |         85         5.67        5.67
           Si |      1,415        94.33      100.00
   ------------+-----------------------------------
        Total |      1,500       100.00

15 . ta has_fumado_1mes, nol

   has_fumado_ |
         1mes |      Freq.      Percent        Cum.
   ------------+-----------------------------------
            0 |         85         5.67        5.67
            1 |      1,415        94.33      100.00
   ------------+-----------------------------------
        Total |      1,500       100.00
```

```
16 .
17 . // 30-junio: se decidio omitir a los individuos que consumieron en
18 . // los levantamientos anteriores
19 . // consumo: selección para el análisis
20 . // ta has_fumado_1mes
21 . // ta has_fumado_1mes patron, m
22 . keep if has_fumado_1mes
   (85 observations deleted)

23 .
24 . // sexo
25 . ta sexo if has_fumado_1mes
```

sexo	Freq.	Percent	Cum.
Masculino	666	47.07	47.07
Femenino	749	52.93	100.00
Total	1,415	100.00	

```
26 . ta identidad_genero if has_fumado_1mes
```

RECODE of q191	Freq.	Percent	Cum.
Heterosexual	1,281	90.53	90.53
Gay/lesbiana	37	2.61	93.14
Bisexual	62	4.38	97.53
Otro/especificar	4	0.28	97.81
Prefiero no contestar	31	2.19	100.00
Total	1,415	100.00	

```
27 .
28 . // edad
29 . ta q001 if has_fumado_1mes
```

q001	Freq.	Percent	Cum.
18	4	0.28	0.28
19	15	1.06	1.34
20	14	0.99	2.33
21	29	2.05	4.38
22	32	2.26	6.64
23	34	2.40	9.05
24	36	2.54	11.59
25	37	2.61	14.20
26	41	2.90	17.10
27	39	2.76	19.86
28	45	3.18	23.04
29	41	2.90	25.94
30	49	3.46	29.40
31	29	2.05	31.45
32	28	1.98	33.43
33	38	2.69	36.11
34	47	3.32	39.43
35	50	3.53	42.97
36	45	3.18	46.15
37	31	2.19	48.34
38	43	3.04	51.38
39	35	2.47	53.85
40	38	2.69	56.54
41	35	2.47	59.01
42	26	1.84	60.85
43	26	1.84	62.69
44	25	1.77	64.45

```
          45 |         22          1.55         66.01
          46 |         24          1.70         67.70
          47 |         34          2.40         70.11
          48 |         24          1.70         71.80
          49 |         23          1.63         73.43
          50 |         50          3.53         76.96
          51 |         33          2.33         79.29
          52 |         45          3.18         82.47
          53 |         26          1.84         84.31
          54 |         30          2.12         86.43
          55 |         36          2.54         88.98
          56 |         20          1.41         90.39
          57 |         26          1.84         92.23
          58 |         21          1.48         93.71
          59 |         19          1.34         95.05
          60 |         14          0.99         96.04
          61 |         12          0.85         96.89
          62 |         12          0.85         97.74
          63 |          8          0.57         98.30
          64 |         10          0.71         99.01
          65 |          1          0.07         99.08
          66 |          2          0.14         99.22
          67 |          3          0.21         99.43
          68 |          2          0.14         99.58
          69 |          3          0.21         99.79
          70 |          1          0.07         99.86
          72 |          1          0.07         99.93
          75 |          1          0.07        100.00
-----------+-----------------------------------
       Total |      1,415        100.00
```

30 . tab1 edad* if has_fumado_1mes

   -> tabulation of edad_cat4 if has_fumado_1mes

```
   edad_cat4 |       Freq.      Percent         Cum.
-----------+-----------------------------------
       18-29 |        367        25.94         25.94
       30-39 |        395        27.92         53.85
       40-49 |        277        19.58         73.43
    50 y mas |        376        26.57        100.00
-----------+-----------------------------------
       Total |      1,415        100.00
```

   -> tabulation of edad_cat3 if has_fumado_1mes

```
   edad_cat3 |       Freq.      Percent         Cum.
-----------+-----------------------------------
       18-29 |        367        25.94         25.94
       30-39 |        395        27.92         53.85
 40 and more |        653        46.15        100.00
-----------+-----------------------------------
       Total |      1,415        100.00
```

   -> tabulation of edad_cat2 if has_fumado_1mes

```
   edad_cat2 |       Freq.      Percent         Cum.
-----------+-----------------------------------
  < 30 years |        367        25.94         25.94
 >= 30 years |      1,048        74.06        100.00
-----------+-----------------------------------
       Total |      1,415        100.00
```

-> tabulation of edad_min_vap if has_fumado_1mes
no observations

```
31 .
32 . // escolaridad
33 . tab1 escolaridad educ_3catr educ_9cat if has_fumado_1mes
```

-> tabulation of escolaridad if has_fumado_1mes

escolaridad	Freq.	Percent	Cum.
No asistio o primaria incompleta	1	0.07	0.07
Primaria completa	9	0.64	0.71
Secundaria completa	112	7.92	8.62
Escuela téc o comercial completa	180	12.72	21.34
Preparatoria completa	376	26.57	47.92
Carrera universitaria	258	18.23	66.15
Licenciatura	424	29.96	96.11
Postgrado	48	3.39	99.51
Otro	7	0.49	100.00
Total	1,415	100.00	

-> tabulation of educ_3catr if has_fumado_1mes

educ_3catr	Freq.	Percent	Cum.
High school or less	684	48.34	48.34
Some college	259	18.30	66.64
College and higher	472	33.36	100.00
Total	1,415	100.00	

-> tabulation of educ_9cat if has_fumado_1mes

RECODE of q003	Freq.	Percent	Cum.
No asistí/primaria incom	1	0.07	0.07
Primaria completa	9	0.64	0.71
Secundaria completa	115	8.13	8.83
Tecnica/Comercial	183	12.93	21.77
Preparatoria compl	376	26.57	48.34
Licen incomp	259	18.30	66.64
Licenc comple	424	29.96	96.61
Postgrado	48	3.39	100.00
Total	1,415	100.00	

```
34 .
35 . // ingresos
36 . ta ingreso_hogar if has_fumado_1mes
```

RECODE of q192	Freq.	Percent	Cum.
De 0 a $1,500	28	1.98	1.98
De $1,501 a $3,000	48	3.39	5.37
De $3,001 a $5,000	104	7.35	12.72
De $5,001 a $8,000	188	13.29	26.01
De $8,001 a $10,000	167	11.80	37.81
De $10,001 a $15,000	264	18.66	56.47
De $15,001 a $20,000	225	15.90	72.37
De $20,001 a $49,999	261	18.45	90.81
$50,000 o más	58	4.10	94.91
No se	72	5.09	100.00

```
             Total |     1,415      100.00
```

```
37 .
38 . // lugar
39 . ta estados if has_fumado_1mes
```

estado_donde_vive	Freq.	Percent	Cum.
Aguascalientes	15	1.06	1.06
Baja California	23	1.63	2.69
Baja California Sur	6	0.42	3.11
Campeche	12	0.85	3.96
Chiapas	21	1.48	5.44
Chihuahua	26	1.84	7.28
Coahuila	17	1.20	8.48
Colima	6	0.42	8.90
Ciudad de México	437	30.88	39.79
Durango	12	0.85	40.64
Guanajuato	40	2.83	43.46
Guerrero	18	1.27	44.73
Hidalgo	23	1.63	46.36
Jalisco	104	7.35	53.71
Michoacán	16	1.13	54.84
Morelos	24	1.70	56.54
México	235	16.61	73.14
Nayarit	5	0.35	73.50
Nuevo León	87	6.15	79.65
Oaxaca	14	0.99	80.64
Puebla	58	4.10	84.73
Querétaro	31	2.19	86.93
Quintana Roo	19	1.34	88.27
San Luis Potosí	16	1.13	89.40
Sinaloa	22	1.55	90.95
Sonora	16	1.13	92.08
Tabasco	18	1.27	93.36
Tamaulipas	10	0.71	94.06
Tlaxcala	6	0.42	94.49
Veracruz	46	3.25	97.74
Yucatán	24	1.70	99.43
Zacatecas	8	0.57	100.00
Total	1,415	100.00	

```
40 .
41 . // cada cuándo compra?
42 . ta patron if has_fumado_1mes, m
```

RECODE of smoking_pattern	Freq.	Percent	Cum.
nondaily	723	51.10	51.10
daily	663	46.86	97.95
.	29	2.05	100.00
Total	1,415	100.00	

```
43 . ta patron if has_fumado_1mes, m nol

     RECODE of |
    smoking_pat |
          tern |      Freq.      Percent        Cum.
    ------------+-----------------------------------
              0 |        723        51.10       51.10
              1 |        663        46.86       97.95
              . |         29         2.05      100.00
    ------------+-----------------------------------
         Total |      1,415       100.00

44 .
45 . // consumo
46 . ta patron if has_fumado_1mes, su(q012)

     RECODE of |
    smoking_pat |        Summary of q012
          tern |      Mean    Std. Dev.       Freq.
    ------------+-----------------------------------
       nondaily |  10.762102   11.569199         723
          daily |  46.983409   28.567745         663
    ------------+-----------------------------------
         Total |  28.088745   28.062026       1,386

47 .
48 . // precio
49 .
50 . /* ¿Cómo compra?
   > 1- cajetilla
   > 2- suelto
   > */
51 . // precio de cigarros sueltos
52 . su q030 if has_fumado_1mes

       Variable |        Obs        Mean    Std. Dev.        Min         Max
    ------------+-----------------------------------------------------------
           q030 |        229    6.558952    2.933439          2          20

53 . // patron
54 . ta q028 patron if has_fumado_1mes, su(q030)

            Means, Standard Deviations and Frequencies of q030

             |        RECODE of
             |     smoking_pattern
        q028 |   nondaily       daily |      Total
    ---------+----------------------------+----------
           2 | 6.5608466         6.55 |  6.558952
             | 2.9804775    2.7358025 |  2.9334386
             |       189           40 |        229
    ---------+----------------------------+----------
       Total | 6.5608466         6.55 |  6.558952
             | 2.9804775    2.7358025 |  2.9334386
             |       189           40 |        229
```

```
55 .
56 . // pagado por cajetillas
57 . ta q028 if has_fumado_1mes , m

       q028 |      Freq.     Percent        Cum.
------------+-----------------------------------
          1 |      1,157       81.77       81.77
          2 |        229       16.18       97.95
          . |         29        2.05      100.00
------------+-----------------------------------
      Total |      1,415      100.00

58 . ta q028 patron if has_fumado_1mes , m

            |   RECODE of smoking_pattern
       q028 | nondaily     daily        . |      Total
------------+-----------------------------------+----------
          1 |      534       623        0 |      1,157
          2 |      189        40        0 |        229
          . |        0         0       29 |         29
------------+-----------------------------------+----------
      Total |      723       663       29 |      1,415


59 . ta q028 if has_fumado_1mes & patron , m

       q028 |      Freq.     Percent        Cum.
------------+-----------------------------------
          1 |        623       90.03       90.03
          2 |         40        5.78       95.81
          . |         29        4.19      100.00
------------+-----------------------------------
      Total |        692      100.00

60 .
61 . // para los comprados en cajetilla
62 . ta q029a if has_fumado_1mes, m

      q029a |      Freq.     Percent        Cum.
------------+-----------------------------------
14 cigarros |        160       11.31       11.31
20 cigarros |        861       60.85       72.16
25 cigarros |        110        7.77       79.93
       Otro |         13        0.92       80.85
      No sé |         13        0.92       81.77
          . |        258       18.23      100.00
------------+-----------------------------------
      Total |      1,415      100.00

63 . ta q029a if has_fumado_1mes, su(q029)

            |        Summary of q029
      q029a |      Mean   Std. Dev.       Freq.
------------+-----------------------------------
 14 cigarr |    55.49375   20.756145        160
 20 cigarr |   60.590012     12.3262        861
 25 cigarr |   61.536364   11.976029        110
       Otro |   70.230769   58.279719         13
      No sé |   64.076923   18.117494         13
------------+-----------------------------------
      Total |   60.122731   15.136706      1,157
```

```
64 .
65 . // definici'on de precio por cigarro para compra por cajetilla
66 . //
67 . gen n_cig_caj = .
   (1,415 missing values generated)

68 . replace n_cig_caj  = 14 if q029a == 1 & q028 == 1
   (160 real changes made)

69 . replace n_cig_caj  = 20 if q029a == 2 & q028 == 1
   (861 real changes made)

70 . replace n_cig_caj  = 25 if q029a == 3 & q028 == 1
   (110 real changes made)

71 .
72 . // precio por cigarro
73 . gen ppc_caj = q029/n_cig_caj
   (284 missing values generated)

74 .
75 . //
76 . su q030 ppc
```

Variable	Obs	Mean	Std. Dev.	Min	Max
q030	229	6.558952	2.933439	2	20
ppc_caj	1,131	3.106432	.8772658	.5	14.28571

```
77 .
78 . //
79 . hist q030
   (bin=15, start=2, width=1.2)

80 . hist ppc
   (bin=30, start=.5, width=.4595238)

81 .
82 . // Cross-tabs> consumo
83 . // sexo
84 . ta sexo, sum(q012)
```

		Summary of q012	
sexo	Mean	Std. Dev.	Freq.
Masculino	31.355283	29.751568	653
Femenino	25.178718	26.144815	733
Total	28.088745	28.062026	1,386

```
85 .
86 . // edad
87 . ta q001, sum(q012)
```

```
            |           Summary of q012
     q001 |        Mean   Std. Dev.        Freq.
------------+-----------------------------------
       18 |        4.75   1.8929694            4
       19 |   5.7142857   3.1726856           14
       20 |   7.7142857   8.4346225           14
       21 |   14.111111    18.06044           27
       22 |    16.65625   24.033054           32
       23 |   12.393939   11.813497           33
       24 |   22.138889   24.592859           36
       25 |   18.194444   19.882253           36
       26 |    24.74359    27.51432           39
       27 |   21.641026   25.540976           39
       28 |   23.386364   22.608103           44
       29 |      23.875   26.410165           40
       30 |   20.673913   19.113758           46
       31 |   17.730769   13.906999           26
       32 |   21.928571   23.555967           28
       33 |   21.485714   21.572547           35
       34 |   23.173913   23.689008           46
       35 |       33.38   30.170867           50
       36 |        29.4   24.749105           45
       37 |   27.741935   29.569092           31
       38 |   25.785714   22.156358           42
       39 |   33.117647   29.962365           34
       40 |   25.972973   26.664048           37
       41 |   29.028571   23.682316           35
       42 |   28.269231   24.792834           26
       43 |   27.153846    26.89192           26
       44 |        29.2   27.924004           25
       45 |   23.727273   25.573762           22
       46 |      34.375   29.834052           24
       47 |   27.235294   29.883672           34
       48 |   30.913043   33.954399           23
       49 |   39.772727   37.388478           22
       50 |       28.72   27.105267           50
       51 |   36.969697    33.55265           33
       52 |   33.659091   33.623042           44
       53 |   40.884615   28.198336           26
       54 |   39.233333   37.255579           30
       55 |   44.138889   34.007691           36
       56 |   35.631579   32.211472           19
       57 |       54.56   33.729413           25
       58 |   29.894737    25.62528           19
       59 |   38.526316   31.623424           19
       60 |   41.571429    33.11452           14
       61 |   34.583333   24.817363           12
       62 |   45.916667    32.57846           12
       63 |        39.5   27.349589            8
       64 |          44   39.743623           10
       65 |          40           0            1
       66 |        52.5   67.175144            2
       67 |          51    43.27817            3
       68 |        12.5   16.263456            2
       69 |   48.666667   36.018514            3
       70 |          80           0            1
       72 |           4           0            1
       75 |          80           0            1
------------+-----------------------------------
    Total |   28.088745   28.062026        1,386
```

```
88 . // definir grupos de edad,
89 . // acorde a la encuesta nacional
90 . tab1 edad*, sum(q012)

   -> tabulation of edad_cat4

                  |          Summary of q012
     edad_cat4 |        Mean     Std. Dev.       Freq.
   ------------+---------------------------------------
        18-29 |   18.924581     22.499235         358
        30-39 |   25.861619     24.779217         383
        40-49 |   29.222628     28.368159         274
    50 y mas |   38.393531     32.214423         371
   ------------+---------------------------------------
        Total |   28.088745     28.062026       1,386

   -> tabulation of edad_cat3

                  |          Summary of q012
     edad_cat3 |        Mean     Std. Dev.       Freq.
   ------------+---------------------------------------
        18-29 |   18.924581     22.499235         358
        30-39 |   25.861619     24.779217         383
    40 and mo |   34.497674     30.950954         645
   ------------+---------------------------------------
        Total |   28.088745     28.062026       1,386

   -> tabulation of edad_cat2

                  |          Summary of q012
     edad_cat2 |        Mean     Std. Dev.       Freq.
   ------------+---------------------------------------
    < 30 year |   18.924581     22.499235         358
    >= 30 yea |   31.280156      29.09544       1,028
   ------------+---------------------------------------
        Total |   28.088745     28.062026       1,386

   -> tabulation of edad_min_vap
   no observations

91 .
92 . // escolaridad
93 . tab1 escolaridad educ_3catr educ_9cat, sum(q012)

   -> tabulation of escolaridad

                  |          Summary of q012
   escolaridad |        Mean     Std. Dev.       Freq.
   ------------+---------------------------------------
    No asisti |         100             0           1
    Primaria |   38.555556     38.916934           9
    Secundari |   35.432432     32.449015         111
    Escuela t |   30.767045     29.637568         176
    Preparato |   25.204918     25.929072         366
    Carrera u |   25.802372     29.045812         253
    Licenciat |   27.673077     26.053954         416
    Postgrado |   34.808511     31.127814          47
        Otro |   33.571429     27.530935           7
   ------------+---------------------------------------
        Total |   28.088745     28.062026       1,386

   -> tabulation of educ_3catr
```

```
            |          Summary of q012
  educ_3catr |        Mean   Std. Dev.        Freq.
-----------+-----------------------------------
  High scho |    28.67713   28.596728          669
  Some coll |   25.976378   29.120701          254
  College a |   28.397408   26.662346          463
-----------+-----------------------------------
     Total |   28.088745   28.062026        1,386
```

-> tabulation of educ_9cat

```
   RECODE of |          Summary of q012
       q003 |        Mean   Std. Dev.        Freq.
-----------+-----------------------------------
  No asistí |         100           0            1
   Primaria |   38.555556   38.916934            9
   Secundari |   34.947368   32.261334          114
   Tecnica/C |   30.888268   29.548643          179
   Preparato |   25.204918   25.929072          366
   Licen inc |   25.976378   29.120701          254
   Licenc co |   27.673077   26.053954          416
   Postgrado |   34.808511   31.127814           47
-----------+-----------------------------------
     Total |   28.088745   28.062026        1,386
```

```
94 .
95 . // ingresos
96 . ta ingreso_hogar, sum(q012)
```

```
   RECODE of |          Summary of q012
       q192 |        Mean   Std. Dev.        Freq.
-----------+-----------------------------------
  De 0 a $1 |   21.185185   27.927154           27
  De $1,501 |     18.4375   20.855028           48
  De $3,001 |   21.287129   25.410367          101
  De $5,001 |   25.616216   27.654286          185
  De $8,001 |   26.163636   28.122184          165
  De $10,00 |    27.29572   26.823317          257
  De $15,00 |   30.182648   28.889912          219
  De $20,00 |   33.890625   28.515214          256
  $50,000 o |   42.362069   32.830612           58
      No se |   21.571429   25.059102           70
-----------+-----------------------------------
     Total |   28.088745   28.062026        1,386
```

```
97 .
98 . // lugar
99 . ta estados, sum(q012)
```

```
  estado_dond |          Summary of q012
      e_vive |        Mean   Std. Dev.        Freq.
-----------+-----------------------------------
  Aguascali |        46.2   35.996428           15
  Baja Cali |   27.565217   33.655779           23
  Baja Cali |          22   38.444766            6
   Campeche |   20.166667   26.754212           12
    Chiapas |   19.105263   25.198974           19
  Chihuahua |   32.166667   32.191906           24
   Coahuila |   25.117647   26.018941           17
     Colima |   18.666667   15.845083            6
  Ciudad de |   29.484919   28.698094          431
    Durango |          30   23.920322           12
  Guanajuat |      30.625   30.240648           40
   Guerrero |   14.888889   13.230486           18
    Hidalgo |   13.238095   17.360601           21
```

```
     Jalisco |   34.217822   29.338577          101
   Michoacán |     19.6875    25.99415           16
     Morelos |   22.958333   27.367831           24
      México |   23.174672   25.252498          229
     Nayarit |        28.8    11.54123            5
   Nuevo Leó |   33.465116   26.806363           86
      Oaxaca |   37.857143   35.134592           14
      Puebla |      28.125   28.628062           56
   Querétaro |   24.172414   20.587911           29
    Quintana |          28   26.959665           18
    San Luis |          23   29.157209           15
     Sinaloa |   38.272727   31.148159           22
      Sonora |     37.3125   31.750525           16
     Tabasco |   24.352941   28.668234           17
    Tamaulipa |        22.8   28.118005           10
    Tlaxcala |   37.166667   38.747473            6
    Veracruz |   27.086957    28.24325           46
     Yucatán |      28.625   27.552026           24
    Zacatecas |      21.75   32.433448            8
------------+-----------------------------------
      Total |   28.088745   28.062026        1,386
```

```
100 . // definir grupos de entidades
101 . // comparable a ? encuesta nacional?
102 .
103 . // cada cuándo compra?
104 . ta patron, sum(q012)

    RECODE of |
   smoking_pat |          Summary of q012
         tern |      Mean   Std. Dev.       Freq.
------------+-----------------------------------
     nondaily |   10.762102   11.569199          723
        daily |   46.983409   28.567745          663
------------+-----------------------------------
      Total |   28.088745   28.062026        1,386

105 .
106 . ///////////////////////////////
   > // Cross-tabs> precio por cigarro
107 . // sexo
108 . ta sexo, sum(q030)

             |          Summary of q030
       sexo |      Mean   Std. Dev.       Freq.
------------+-----------------------------------
   Masculino |   6.3529412   2.8689881           85
    Femenino |   6.6805556   2.9740199          144
------------+-----------------------------------
      Total |    6.558952   2.9334386          229

109 . ta sexo, sum(ppc)

             |          Summary of ppc_caj
       sexo |      Mean   Std. Dev.       Freq.
------------+-----------------------------------
   Masculino |   3.017532   .66460622          558
    Femenino |   3.1930042   1.0368309          573
------------+-----------------------------------
      Total |   3.1064317   .87726581        1,131
```

```
110 .
111 . // edad
112 . ta q001, sum(q030)
```

| | | Summary of q030 | |
q001	Mean	Std. Dev.	Freq.
18	5	0	1
19	7.4285714	2.572751	7
20	6.8333333	2.786874	6
21	5.75	.88640526	8
22	7.0909091	4.3693145	11
23	6.25	.88640526	8
24	8.1666667	5.231316	6
25	6.2857143	.75592895	7
26	6.2727273	2.0045403	11
27	6.6428571	3.8949107	14
28	8.8	6.3007936	5
29	6	1.1547005	10
30	6	1.9493589	11
31	6.6	1.3416408	5
32	7.375	4.3073857	8
33	8.75	5.5741751	8
34	6.6666667	2.0597146	12
35	5.5	.83666003	6
36	5.5	.57735027	4
37	5.3333333	.57735027	3
38	6.2222222	1.6414763	9
39	8.5	6.350853	4
40	6.4285714	.78679579	7
41	5.5	.70710678	2
42	5.6666667	.57735027	3
43	6	0	2
44	8.3333333	5.7735027	3
45	5	0	3
47	7.3333333	2.3094011	3
48	13	9.8994949	2
49	5.75	.95742711	4
50	5.375	1.0264363	8
51	5.5	.70710678	2
52	6.8333333	2.5625508	6
53	5.5	.57735027	4
54	5.8	1.3038405	5
55	4.3333333	1.1547005	3
56	5	0	2
58	5.5	.70710678	2
59	10	0	1
60	5.5	.70710678	2
67	5	0	1
Total	6.558952	2.9334386	229

```
113 . ta q001, sum(ppc)
```

```
             |        Summary of ppc_caj
    q001 |        Mean   Std. Dev.        Freq.
------------+-----------------------------------
      18 |   3.1904762   .32991442          3
      19 |   2.9316327   .53794548          7
      20 |         3.1   .71564157          8
      21 |   3.8597744   1.6750608         19
      22 |   3.0248572   .65118652         20
      23 |   3.1925325   .69454867         22
      24 |   3.4131746   .95950443         27
      25 |   3.2512245   .74348291         28
      26 |   3.0852041   .44385417         28
      27 |   3.3701786   .84052329         24
      28 |   3.2512088    .5505305         39
      29 |   3.1146305   .60832451         29
      30 |   3.2588572   .86935553         35
      31 |   2.9519728    .6598617         21
      32 |   2.9994737   .54486852         19
      33 |   3.1140741   .60689052         27
      34 |   3.1887013   .75676021         33
      35 |   3.4033117   1.2495263         44
      36 |   2.9624042   .45404279         41
      37 |   3.0149735   .59492189         27
      38 |   3.0542424   .77633463         33
      39 |   3.1333005   .69013627         29
      40 |   2.9702463   .67641249         29
      41 |    3.140303   .94961006         33
      42 |   3.1725466   .77195977         23
      43 |   3.1248447   .56878801         23
      44 |   3.1785715   .68545916         22
      45 |   3.6609022   2.6542252         19
      46 |   3.0175595    .8123874         24
      47 |   3.0338249    .5330229         31
      48 |   2.8779286   .85081354         20
      49 |   3.0653968   .73536585         18
      50 |   2.8358504   .60077615         42
      51 |   2.8711521   .87194575         31
      52 |   2.8725483   .74328211         37
      53 |   2.9845578   .63360188         21
      54 |    3.071369   .53345496         24
      55 |   3.0149553   .46930285         32
      56 |      2.8375   .51478481         16
      57 |   2.9328571   .51140318         23
      58 |   3.2303571    .3655161         16
      59 |   2.9829412   .55908145         17
      60 |   3.1970238    .5898292         12
      61 |   2.9371428   .93286697         12
      62 |   2.8116667   .54912878         12
      63 |   2.9641071   .83225796          8
      64 |        2.64   .79441105         10
      65 |        2.75           0          1
      66 |        2.25   .77781739          2
      67 |   2.9000001   .35355339          2
      68 |   7.8214284   8.1317278          2
      69 |   2.7166667   .71821539          3
      70 |         3.3           0          1
      72 |         3.5           0          1
      75 |         3.3           0          1
------------+-----------------------------------
   Total |   3.1064317   .87726581      1,131
```

114 . // definir grupos de edad,
115 . // acorde a la encuesta nacional
116 . tab1 edad*, sum(q030)

    -> tabulation of edad_cat4

```
                  |        Summary of q030
       edad_cat4 |       Mean   Std. Dev.       Freq.
    --------------+----------------------------------
           18-29 |   6.712766   3.0922113          94
           30-39 |        6.7   3.1037612          70
           40-49 |   6.7586207    3.225514          29
        50 y mas |   5.7222222   1.5740959          36
    --------------+----------------------------------
           Total |   6.558952   2.9334386         229
```

    -> tabulation of edad_cat3

```
                  |        Summary of q030
       edad_cat3 |       Mean   Std. Dev.       Freq.
    --------------+----------------------------------
           18-29 |   6.712766   3.0922113          94
           30-39 |        6.7   3.1037612          70
       40 and mo |   6.1846154   2.4852207          65
    --------------+----------------------------------
           Total |   6.558952   2.9334386         229
```

    -> tabulation of edad_cat2

```
                  |        Summary of q030
       edad_cat2 |       Mean   Std. Dev.       Freq.
    --------------+----------------------------------
       < 30 year |   6.712766   3.0922113          94
       >= 30 yea |   6.4518519   2.8243835         135
    --------------+----------------------------------
           Total |   6.558952   2.9334386         229
```

    -> tabulation of edad_min_vap
    no observations

117 . tab1 edad*, sum(ppc)

    -> tabulation of edad_cat4

```
                  |       Summary of ppc_caj
       edad_cat4 |       Mean   Std. Dev.       Freq.
    --------------+----------------------------------
           18-29 |   3.2541057   .81474587         254
           30-39 |    3.128197   .78858234         309
           40-49 |    3.112804   1.0251555         242
        50 y mas |   2.9660123    .8678254         326
    --------------+----------------------------------
           Total |   3.1064317   .87726581       1,131
```

    -> tabulation of edad_cat3

```
                  |       Summary of ppc_caj
       edad_cat3 |       Mean   Std. Dev.       Freq.
    --------------+----------------------------------
           18-29 |   3.2541057   .81474587         254
           30-39 |    3.128197   .78858234         309
       40 and mo |   3.0285538   .94003134         568
    --------------+----------------------------------
           Total |   3.1064317   .87726581       1,131
```

-> tabulation of edad_cat2

```
            |        Summary of ppc_caj
  edad_cat2 |      Mean   Std. Dev.      Freq.
------------+-----------------------------------
  < 30 year |   3.2541057   .81474587        254
  >= 30 yea |   3.0636618   .89043315        877
------------+-----------------------------------
      Total |   3.1064317   .87726581      1,131
```

-> tabulation of edad_min_vap
no observations

```
118 .
119 . // escolaridad
120 . tab1 escolaridad educ_3catr educ_9cat, sum(q030)
```

-> tabulation of escolaridad

```
            |        Summary of q030
escolaridad |      Mean   Std. Dev.      Freq.
------------+-----------------------------------
  Primaria  |         6           0          1
  Secundari |   7.0322581   4.1591976         31
  Escuela t |   6.2580645   2.5293971         31
  Preparato |      6.225   2.2932206         80
  Carrera u |   6.1666667   2.2628671         48
  Licenciat |        7.4   3.2557641         35
  Postgrado |       12.5   10.606602          2
       Otro |         6           0          1
------------+-----------------------------------
      Total |   6.558952   2.9334386        229
```

-> tabulation of educ_3catr

```
            |        Summary of q030
 educ_3catr |      Mean   Std. Dev.      Freq.
------------+-----------------------------------
  High scho |   6.4027778   2.8261255        144
  Some coll |   6.1666667   2.2628671         48
  College a |   7.6756757   3.8082808         37
------------+-----------------------------------
      Total |   6.558952   2.9334386        229
```

-> tabulation of educ_9cat

```
   RECODE of |        Summary of q030
       q003 |      Mean   Std. Dev.      Freq.
------------+-----------------------------------
  Primaria  |         6           0          1
  Secundari |         7    4.095631         32
  Tecnica/C |   6.2580645   2.5293971         31
  Preparato |      6.225   2.2932206         80
  Licen inc |   6.1666667   2.2628671         48
  Licenc co |        7.4   3.2557641         35
  Postgrado |       12.5   10.606602          2
------------+-----------------------------------
      Total |   6.558952   2.9334386        229
```

```
121 . tab1 escolaridad educ_3catr educ_9cat, sum(ppc)

    -> tabulation of escolaridad
```

	Summary of ppc_caj		
escolaridad	Mean	Std. Dev.	Freq.
No asisti	3.75	0	1
Primaria	2.5158929	.55806176	8
Secundari	2.8217033	.69391483	78
Escuela t	2.9255332	.64087398	142
Preparato	3.0240632	.68619123	276
Carrera u	3.0751948	.62915474	198
Licenciat	3.3288859	1.1498992	377
Postgrado	3.0749524	.84803902	45
Otro	2.8476191	.41220335	6
Total	3.1064317	.87726581	1,131

```
    -> tabulation of educ_3catr
```

	Summary of ppc_caj		
educ_3catr	Mean	Std. Dev.	Freq.
High scho	2.9571036	.67595389	510
Some coll	3.0748169	.62758659	199
College a	3.3018077	1.1235004	422
Total	3.1064317	.87726581	1,131

```
    -> tabulation of educ_9cat
```

RECODE of	Summary of ppc_caj		
q003	Mean	Std. Dev.	Freq.
No asistí	3.75	0	1
Primaria	2.5158929	.55806176	8
Secundari	2.8299107	.68701371	80
Tecnica/C	2.9186995	.63838086	145
Preparato	3.0240632	.68619123	276
Licen inc	3.0748169	.62758659	199
Licenc co	3.3288859	1.1498992	377
Postgrado	3.0749524	.84803902	45
Total	3.1064317	.87726581	1,131

```
122 .
123 . // ingresos
124 . ta ingreso_hogar, sum(q030)
```

RECODE of	Summary of q030		
q192	Mean	Std. Dev.	Freq.
De 0 a $1	5.6666667	.51639778	6
De $1,501	7.1944444	4.7438471	18
De $3,001	6.5147059	3.0113052	34
De $5,001	6	2.2267315	49
De $8,001	6.7647059	2.2570942	34
De $10,00	7.3571429	4.0112276	28
De $15,00	6.25	1.5782081	28
De $20,00	7.6666667	4.4507891	15
$50,000 o	5.3333333	2.081666	3
No se	5.7857143	.57893422	14
Total	6.558952	2.9334386	229

```
125 . ta ingreso_hogar, sum(ppc)

     RECODE of |        Summary of ppc_caj
          q192 |      Mean   Std. Dev.       Freq.
    -----------+------------------------------------
    De 0 a $1 |  2.8209023   .71175714          19
    De $1,501 |  2.9086667   .61341947          30
    De $3,001 |  2.9360268   .72154571          64
    De $5,001 |  2.8964232   .75426469         133
    De $8,001 |  3.0136703   .85046355         130
    De $10,00 |  3.1163584   .74351043         224
    De $15,00 |  3.2121925   .70425543         187
    De $20,00 |  3.2392528   1.0097626         239
    $50,000 o |  3.3733242   1.7649741          52
        No se |  3.0051213   .42059588          53
    -----------+------------------------------------
        Total |  3.1064317   .87726581       1,131

126 .
127 . // lugar
128 . ta estados, sum(q030)

    estado_dond |        Summary of q030
         e_vive |      Mean   Std. Dev.       Freq.
    -----------+------------------------------------
    Aguascali |  4.3333333   1.1547005           3
    Baja Cali |          7   4.3588989           3
    Baja Cali |          6           0           1
     Campeche |  7.3333333   2.3094011           3
      Chiapas |          8   5.8991525           6
    Chihuahua |          7   1.4142136           2
     Coahuila |  6.3333333   1.1547005           3
       Colima |          8           0           1
    Ciudad de |  6.2166667   1.7953959          60
      Durango |       5.75          .5           4
    Guanajuat |  7.4285714    4.237025           7
     Guerrero |        6.8   2.9495762           5
      Hidalgo |        7.5         2.5           7
      Jalisco |  7.8888889   6.4506675           9
    Michoacán |        4.8   .4472136           5
      Morelos |  10.333333   8.3864971           3
       México |  6.2016129   1.7021194          62
    Nuevo Leó |          6   .70710678           9
       Oaxaca |          7   2.6457513           3
       Puebla |  7.1818182   3.6281726          11
    San Luis |       11.2    8.043631           5
      Tabasco |        5.5   .70710678           2
    Tamaulipa |          5           0           2
     Tlaxcala |          6           0           1
     Veracruz |        5.8   1.9321836          10
      Yucatán |          5           0           1
    Zacatecas |          6           0           1
    -----------+------------------------------------
        Total |   6.558952   2.9334386         229
```

```
129 . ta estados, sum(ppc)
```

estado_dond e_vive	Summary of ppc_caj Mean	Std. Dev.	Freq.
Aguascali	2.8516666	.75908837	12
Baja Cali	3.1515038	.94745326	19
Baja Cali	2.96	.57814357	5
Campeche	2.9926984	.75764654	9
Chiapas	3.0813187	.66942162	13
Chihuahua	2.8380952	.69747845	21
Coahuila	3.0066327	.31685344	14
Colima	2.8214286	.82113353	5
Ciudad de	3.0741283	.88687741	363
Durango	3.3133929	.54305096	8
Guanajuat	3.3449784	.90403428	33
Guerrero	3.3153846	.99025803	13
Hidalgo	2.9275	.43774473	12
Jalisco	3.121254	.7640008	90
Michoacán	3.8305195	3.5059586	11
Morelos	3.0409774	.5677303	19
México	3.119625	.75140434	160
Nayarit	3.4928572	1.3105635	5
Nuevo Leó	3.2784211	1.0902803	76
Oaxaca	3.3783117	1.1333501	11
Puebla	3.0551948	.55163896	44
Querétaro	2.9364039	.52608068	29
Quintana	3.3829365	.87879905	18
San Luis	2.9285715	.44967865	10
Sinaloa	2.9536735	.51779233	21
Sonora	3.04	.62731042	16
Tabasco	2.8912381	.5379084	15
Tamaulipa	3.4383928	.90195716	8
Tlaxcala	3.05	.19685021	5
Veracruz	3.1659524	.7022058	36
Yucatán	2.9065218	.78640442	23
Zacatecas	2.7887755	.93518578	7
Total	3.1064317	.87726581	1,131

```
130 .
131 . // cada cuándo compra?
132 . ta patron, sum(q030)
```

RECODE of smoking_pat tern	Summary of q030 Mean	Std. Dev.	Freq.
nondaily	6.5608466	2.9804775	189
daily	6.55	2.7358025	40
Total	6.558952	2.9334386	229

```
133 . ta patron, sum(ppc)

     RECODE of |
   smoking_pat |         Summary of ppc_caj
        tern |       Mean    Std. Dev.       Freq.
   ------------+------------------------------------
     nondaily |   3.2139182   1.0162711          517
        daily |    3.015926   .72893114          614
   ------------+------------------------------------
        Total |   3.1064317   .87726581        1,131

134 .
135 .
136 . log close
       name:  <unnamed>
        log:  C:\Users\chen\OneDrive\Documentos\R\tax_ene2020\tax_2020\resultado
   > s\encuesta\/desc_wav
   > e8.log
    log type:  text
    closed on:  31 Jul 2021, 17:07:28
   -------------------------------------------------------------------------------
   > -------------------
```