```
1          OPTIONS NONOTES NOSTIMER NOSOURCE NOSYNTAXCHECK;
 NOTE: ODS statements in the SAS Studio environment may disable some
output features.
 69
 70
/*************************************************************************
**************/
 71         /* Program Name: STAT 604 HW#15   */
 72         /* Date Created: 12/03/2021   */
 73         /* Author: Jack Rodoni   */
 74         /* Purpose: STAT 604 HW#15   */
 75         /* Date Modified: 12/07/2021    */
 76         /* Location:
/home/u59649056/Homeworks/JRodoni_Homework15.sas   */
 77
/*************************************************************************
**************/
 78
 79         /* This assignment will use three separate sources of data
as input.  One source will be the Master  */
 80         /* Location Pop Table.txt file that was used in an R
assignment earlier in the semester.  Another will be the  */
 81         /* permanent data set of all Monthly Stats which was
created in step 7 of Homework 13.  If you had  */
 82         /* difficulty creating this data set, the professor's
version (monthly_stats) is included on the weekly  */
 83         /* module for your use.  This assignment will also use the
county_jobs data set that is provided on the  */
 84         /* Weekly module in Canvas.  This data set is a modified
version of the professor's final data set from  */
 85         /* Homework 14.  Since there was some confusion regarding
column names in the instructions for that  */
 86         /* assignment, use the data set provided for consistency.
The FIPS column has also been converted for  */
 87         /* convenience in merging with the other data.
Familiarize yourself with this file and its contents after  */
 88         /* downloading it to a folder on your computer that is
accessible to SAS.  Programming efficiency should be  */
 89         /* incorporated throughout the program.  Unneeded
information should be eliminated as early as possible.   */
 90         /* Make sure the lines in your program do not get too long
to fit on the PDF output page when you convert  */
 91         /* your program for submission.  Please read the entire
assignment instructions before beginning.  */
```

```
 92
 93         /* 1.) Add a header comment section to the beginning of a
new program in your SAS session.  Be sure  */
 94         /*    to include a comment line above each section of the
program that identifies the associated  */
 95         /*    assignment step and a brief description of what the
section is doing.  Include housekeeping  */
 96         /*    statements to clear titles and footnotes and
suppress the printing of procedure titles.  Use a  */
 97         /*    system option to prevent an error message when SAS
cannot locate a permanent format and  */
 98         /*    another option to allow SAS to locate your permanent
formats.  */
 99
 100        title;
 101        footnote;
 102        ods noproctitle;
 103        options nofmterr fmtsearch=(mylib);
 104
 105        /* 2.) Assign librefs to the downloaded data folder (set
to readonly) and the mylib folder containing  */
 106        /*    your permanent data sets.  Create a fileref to the
pdf file for output.  Create a fileref to the text  */
 107        /*    file.  */
 108
 109
 110        libname mylib "/home/u59649056/Homeworks/mylib";
 NOTE: Libref MYLIB refers to the same physical library as _TEMP1.
 NOTE: Libref MYLIB was successfully assigned as follows:
       Engine:        V9
       Physical Name: /home/u59649056/Homeworks/mylib
 111        filename HW15pdf
"/home/u59649056/Homeworks/mylib/JRodoni_HW15_Output.pdf";
 112        libname  HWDATA "/home/u59649056/Homeworks/Homework Data";
 NOTE: Libref HWDATA refers to the same physical library as _TEMP2.
 NOTE: Libref HWDATA was successfully assigned as follows:
       Engine:        V9
       Physical Name: /home/u59649056/Homeworks/Homework Data
 113        filename locpop "/home/u59649056/Homeworks/Homework
Data/Master Location Pop Table.txt";
 114
 115
 116        /* 3.) Open the PDF destination to receive your output.
*/
 117
 118        ods pdf file=HW15pdf;
```

```
 NOTE: Writing ODS PDF output to DISK destination "HW15PDF", printer
"PDF".
 119
 120        /* 4.) Write a single proc step that converts the text
file to a temporary data set.  Ensure the program  */
 121        /*    will overwrite the data set if it already exists.
You will need to have SAS evaluate all rows of the  */
 122        /*    text file to determine the attributes of the data.
*/
 123
 124        proc import datafile=locpop
 125        dbms=dlm
 126        out=locpop_temp
 127        replace;
 128        delimiter = ':';
 129        guessingrows=max;
 130        run;

 NOTE: Unable to open parameter catalog: SASUSER.PARMS.PARMS.SLIST in
update mode. Temporary parameter values will be saved to
 WORK.PARMS.PARMS.SLIST.
 131
/*************************************************************************
*
 132         *   PRODUCT:   SAS
 133         *   VERSION:   9.4
 134         *   CREATOR:   External File Interface
 135         *   DATE:      07DEC21
 136         *   DESC:      Generated SAS Datastep Code
 137         *   TEMPLATE SOURCE:  (None Specified.)
 138
*************************************************************************
*/
 139            data WORK.LOCPOP_TEMP    ;
 140            %let _EFIERR_ = 0; /* set the ERROR detection macro
variable */
 141            infile LOCPOP delimiter = ':' MISSOVER DSD  firstobs=2
;
 142               informat COUNTRY_SHORT_NAME $74. ;
 143               informat COUNTRY_ALPHA_3_CODE $3. ;
 144               informat COUNTRY_ALPHA_2_CODE $2. ;
 145               informat PROVINCE_STATE_NAME $28. ;
 146               informat COUNTY_NAME $33. ;
 147               informat COUNTY_FIPS_NUMBER best32. ;
 148               informat GEO_LATITUDE best32. ;
 149               informat GEO_LONGITUDE best32. ;
```

```
 150               informat GEO_REGION_POPULATION_COUNT best32. ;
 151               informat DATA_SOURCE_NAME $29. ;
 152               format COUNTRY_SHORT_NAME $74. ;
 153               format COUNTRY_ALPHA_3_CODE $3. ;
 154               format COUNTRY_ALPHA_2_CODE $2. ;
 155               format PROVINCE_STATE_NAME $28. ;
 156               format COUNTY_NAME $33. ;
 157               format COUNTY_FIPS_NUMBER best12. ;
 158               format GEO_LATITUDE best12. ;
 159               format GEO_LONGITUDE best12. ;
 160               format GEO_REGION_POPULATION_COUNT best12. ;
 161               format DATA_SOURCE_NAME $29. ;
 162            input
 163                        COUNTRY_SHORT_NAME  $
 164                        COUNTRY_ALPHA_3_CODE  $
 165                        COUNTRY_ALPHA_2_CODE  $
 166                        PROVINCE_STATE_NAME  $
 167                        COUNTY_NAME  $
 168                        COUNTY_FIPS_NUMBER
 169                        GEO_LATITUDE
 170                        GEO_LONGITUDE
 171                        GEO_REGION_POPULATION_COUNT
 172                        DATA_SOURCE_NAME  $
 173            ;
 174            if _ERROR_ then call symputx('_EFIERR_',1);  /* set
ERROR detection macro variable */
 175            run;

 NOTE: The infile LOCPOP is:
       Filename=/home/u59649056/Homeworks/Homework Data/Master
Location Pop Table.txt,
       Owner Name=u59649056,Group Name=oda,
       Access Permission=-rw-r--r--,
       Last Modified=04Dec2021:12:41:30,
       File Size (bytes)=335452

 NOTE: 3483 records were read from the infile LOCPOP.
       The minimum record length was 61.
       The maximum record length was 121.
 NOTE: The data set WORK.LOCPOP_TEMP has 3483 observations and 10
variables.
 NOTE: DATA statement used (Total process time):
       real time           0.00 seconds
       user cpu time       0.01 seconds
       system cpu time     0.00 seconds
       memory              10183.75k
```

```
      OS Memory           40996.00k
      Timestamp           12/07/2021 04:53:54 PM
      Step Count                        53  Switch Count  2
      Page Faults                       0
      Page Reclaims                     155
      Page Swaps                        0
      Voluntary Context Switches        13
      Involuntary Context Switches      0
      Block Input Operations            0
      Block Output Operations           1544


 3483 rows created in WORK.LOCPOP_TEMP from LOCPOP.



 NOTE: WORK.LOCPOP_TEMP data set was successfully created.
 NOTE: The data set WORK.LOCPOP_TEMP has 3483 observations and 10
variables.
 NOTE: PROCEDURE IMPORT used (Total process time):
      real time           1.20 seconds
      user cpu time       1.19 seconds
      system cpu time     0.01 seconds
      memory              10183.75k
      OS Memory           41508.00k
      Timestamp           12/07/2021 04:53:54 PM
      Step Count                        53  Switch Count  10
      Page Faults                       0
      Page Reclaims                     5318
      Page Swaps                        0
      Voluntary Context Switches        79
      Involuntary Context Switches      1
      Block Input Operations            0
      Block Output Operations           1600


 176
 177        /* 5.) Print the descriptor portion of the new data set.
Supply an appropriate title.  */
 178        proc contents data=locpop_temp;
 179        title1 "Descriptor of Location Pop Table";
 180        run;

 NOTE: PROCEDURE CONTENTS used (Total process time):
      real time           0.05 seconds
      user cpu time       0.05 seconds
```

```
      system cpu time     0.00 seconds
      memory              3412.65k
      OS Memory           36528.00k
      Timestamp           12/07/2021 04:53:54 PM
      Step Count                        54  Switch Count  1
      Page Faults                       0
      Page Reclaims                     266
      Page Swaps                        0
      Voluntary Context Switches        6
      Involuntary Context Switches      1
      Block Input Operations            0
      Block Output Operations           24


 181
 182        /* 6.) Write a single SAS step that will use the imported
data as input and create in mylib a new  */
 183        /*     permanent data set of Texas county populations that
is suitable for combining with the Covid  */
 184        /*    data using the FIPS number as the common value:  The
output data set will contain three  */
 185        /*    columns: the county name, the FIPS number, and a
column of population values renamed  */
 186        /*    Population.  The rows will be only Texas counties
based on a FIPS number that begins with 48. */
 187
 188        data mylib.TxPop;
 189        length COUNTY_NAME $ 17;
 190        set
locpop_temp(rename=(geo_region_population_count=Population));
 191        where province_state_name = "Texas";
 192        keep county_name county_fips_number Population;
 193        run;

 WARNING: Multiple lengths were specified for the variable COUNTY_NAME
by input data set(s). This can cause truncation of data.
 NOTE: There were 254 observations read from the data set
WORK.LOCPOP_TEMP.
      WHERE province_state_name='Texas';
 NOTE: The data set MYLIB.TXPOP has 254 observations and 3 variables.
 NOTE: DATA statement used (Total process time):
      real time           0.02 seconds
      user cpu time       0.00 seconds
      system cpu time     0.00 seconds
      memory              1624.03k
      OS Memory           36528.00k
```

```
       Timestamp           12/07/2021 04:53:54 PM
       Step Count                        55  Switch Count  6
       Page Faults                       0
       Page Reclaims                     253
       Page Swaps                        0
       Voluntary Context Switches        66
       Involuntary Context Switches      0
       Block Input Operations            0
       Block Output Operations           264


 194
 195
 196        /* 7.) Use the Monthly Stats data set as the source for a
FREQ procedure that will show the number in  */
 197        /*    each fatality category by month.  The month name
will be the rows in the output.  Show only  */
 198        /*    the Frequency and Row Percent statistics.  Since
some students may use their own data set and  */
 199        /*    others use the professor's for this step, apply your
permanent format to the fatality rate column  */
 200        /*    in this PROC step so everyone's code will be
consistent.  If you were unable to create the  */
 201        /*    permanent format correctly, you will need to view
the Solution Review video for Homework 13  */
 202        /*    and run the code shown in the solution to get the
format created on your system */
 203
 204        proc freq data=HWDATA.MONTHLY_STATS;
 NOTE: Data file HWDATA.MONTHLY_STATS.DATA is in a format that is
native to another host, or the file encoding does not match the
       session encoding. Cross Environment Data Access will be used,
which might require additional CPU resources and might reduce
       performance.
 205        tables report_month*fatality_rate / nocum nocol nopercent;
 206        format fatality_rate pct.;
 207        run;

 NOTE: There were 5355 observations read from the data set
HWDATA.MONTHLY_STATS.
 NOTE: PROCEDURE FREQ used (Total process time):
       real time           0.11 seconds
       user cpu time       0.11 seconds
       system cpu time     0.01 seconds
       memory              2026.00k
       OS Memory           36468.00k
```

```
      Timestamp           12/07/2021 04:53:55 PM
      Step Count                        56  Switch Count  4
      Page Faults                       0
      Page Reclaims                     273
      Page Swaps                        0
      Voluntary Context Switches        33
      Involuntary Context Switches      0
      Block Input Operations            0
      Block Output Operations           560


 208
 209        /* 8.) In a single step create a temporary copy of the
monthly stats data set that is sorted by FIPS, Year  */
 210        /*     and Month number.  Subset the data so that it only
contains rows from 2020 months 3 and 6  */
 211        /*    and from 2021 months 1, 2, and 3.  */
 212
 213        proc sort data=HWDATA.Monthly_stats
 214          out=monthly_stats_temp;
 NOTE: Data file HWDATA.MONTHLY_STATS.DATA is in a format that is
native to another host, or the file encoding does not match the
       session encoding. Cross Environment Data Access will be used,
which might require additional CPU resources and might reduce
       performance.
 215          where (report_year=2020 and (report_month=3 or
report_month=6)) or (report_year=2021 and report_month between 1 and
3);
 216        by county_fips_number report_year report_month;
 217        run;

 NOTE: There were 1275 observations read from the data set
HWDATA.MONTHLY_STATS.
       WHERE ((report_year=2020) and report_month in (3, 6)) or
((report_year=2021) and (report_month>=1 and report_month<=3));
 NOTE: The data set WORK.MONTHLY_STATS_TEMP has 1275 observations and
8 variables.
 NOTE: PROCEDURE SORT used (Total process time):
       real time           0.01 seconds
       user cpu time       0.01 seconds
       system cpu time     0.00 seconds
       memory              2300.34k
       OS Memory           36988.00k
       Timestamp           12/07/2021 04:53:55 PM
       Step Count                        57  Switch Count  2
       Page Faults                       0
```

```
      Page Reclaims                    195
      Page Swaps                       0
      Voluntary Context Switches       20
      Involuntary Context Switches     0
      Block Input Operations           0
      Block Output Operations          272


 218
 219        /* 9.) Without using a DATA step, create a new temporary
data set that is a “wide” version of the  */
 220        /*    monthly stats data created in the previous step.
There will be one row per county FIPS.  The  */
 221        /*     value for the “Cases” columns will be the number of
monthly cases for that specific year and  */
 222        /*     month time period as identified in the column name.
The first two rows from that data set is  */
 223        /*     shown below as a sample.  */
 224
 225        proc transpose data=monthly_stats_temp
 226        out = monthly_stats_transpose(drop=_:)
 227        prefix=Cases;
 228        var monthly_cases;
 229        by county_fips_number;
 230        id report_year report_month;
 231        run;

 NOTE: There were 1275 observations read from the data set
WORK.MONTHLY_STATS_TEMP.
 NOTE: The data set WORK.MONTHLY_STATS_TRANSPOSE has 255 observations
and 6 variables.
 NOTE: PROCEDURE TRANSPOSE used (Total process time):
      real time           0.00 seconds
      user cpu time       0.01 seconds
      system cpu time     0.00 seconds
      memory              2801.71k
      OS Memory           38068.00k
      Timestamp           12/07/2021 04:53:55 PM
      Step Count                       58  Switch Count  6
      Page Faults                      0
      Page Reclaims                    191
      Page Swaps                       0
      Voluntary Context Switches       27
      Involuntary Context Switches     0
      Block Input Operations           0
      Block Output Operations          544
```

```
 232
 233
 234        /* 10.) Use a single DATA step to combine the columns from
the permanent data set of Texas county  */
 235        /*     populations, the downloaded county_jobs data set,
and the wide data set created in the  */
 236        /*     previous step.  Keep only those rows for which
there is a match in county_jobs.  Create the  */
 237        /*     following new variables for analysis.  Begin the
variable names with Pct so they can be accessed  */
 238        /*     with a variable list:  */
 239

 245
 246        data mergedHW15;
 247        merge HWDATA.county_jobs(IN=CountyJobs)
 248          mylib.txpop
 249          work.monthly_stats_transpose;
 NOTE: Data file HWDATA.COUNTY_JOBS.DATA is in a format that is native
to another host, or the file encoding does not match the
       session encoding. Cross Environment Data Access will be used,
which might require additional CPU resources and might reduce
       performance.
 250        by county_fips_number;
 251        if CountyJobs = 1;
 252
 253        /* (a) Percentage of population employed before the
pandemic by dividing jobs20m1 by the  */
 254        /* county population.  */
 255
 256        Pct_pop_prior = jobs20m1/Population;
 257
 258        /* (b) Percentage of population employed early in the
pandemic by dividing jobs20m4 by the  */
 259        /* county population.  */
 260
 261        Pct_pop_early = jobs20m4/Population;
 262
 263        /* (c) Percentage of population employed one year into the
pandemic by dividing jobs21m3  */
 264        /* by the county population.  */
 265
 266        Pct_pop_1year = jobs21m3/Population;
 267
```

```
 268        /* (d) Percentage of change in monthly cases from the end
of 2020 Q2 to the beginning of  */
 269        /* 2021 Q1.  Subtract cases20206 from cases20211 and
divide the result by cases20206.   */
 270        /* Use conditional logic on this statement to prevent a
divide by 0 message from occurring  */
 271        /* in the log.  */
 272
 273        if cases20206 ^= 0 then Pct_Change_cases = (cases20211-
cases20206)/cases20206;
 274
 275        /* (e) Percentage of change in monthly employment from the
end of 2020 Q2 to the beginning  */
 276        /* of 2021 Q1.  Subtract jobs20m6 from jobs21m1 and divide
the result by jobs20m6.  Use  */
 277        /* conditional logic on this statement to prevent a divide
by 0 message from occurring in  */
 278        /* the log.  */
 279
 280        if jobs20m6 ^= 0 then Pct_change_emp = (jobs21m1-
jobs20m6)/jobs20m6;
 281
 282        /* f. Format these 5 new variables as a percent with 1
decimal place.  */
 283
 284        format Pct: percent10.1;
 285
 286        run;

 NOTE: There were 254 observations read from the data set
HWDATA.COUNTY_JOBS.
 NOTE: There were 254 observations read from the data set MYLIB.TXPOP.
 NOTE: There were 255 observations read from the data set
WORK.MONTHLY_STATS_TRANSPOSE.
 NOTE: The data set WORK.MERGEDHW15 has 254 observations and 37
variables.
 NOTE: DATA statement used (Total process time):
       real time           0.01 seconds
       user cpu time       0.01 seconds
       system cpu time     0.00 seconds
       memory              1975.93k
       OS Memory           36532.00k
       Timestamp           12/07/2021 04:53:55 PM
       Step Count                       60  Switch Count  2
       Page Faults                      0
       Page Reclaims                    216
```

```
      Page Swaps                         0
      Voluntary Context Switches         24
      Involuntary Context Switches       0
      Block Input Operations             288
      Block Output Operations            272


 287
 288
 289        /* 11)  Use a single PROC step to show the extreme
observations of employment percentage before the  */
 290        /* pandemic and one year into the pandemic using two of
the variables created above.  Show the  */
 291        /* county name and population value in the tables of
extreme observations.  Supply an appropriate  */
 292        /* title.  */
 293
 294        title "Unappropriate Title";
 295        proc univariate data=work.mergedhw15;
 296        var Pct_pop_early Pct_pop_1year;
 297        id County_Name Population;
 298        run;

 NOTE: PROCEDURE UNIVARIATE used (Total process time):
      real time           0.12 seconds
      user cpu time       0.12 seconds
      system cpu time     0.00 seconds
      memory              1151.56k
      OS Memory           36012.00k
      Timestamp           12/07/2021 04:53:55 PM
      Step Count                        61  Switch Count  0
      Page Faults                       0
      Page Reclaims                     74
      Page Swaps                        0
      Voluntary Context Switches        0
      Involuntary Context Switches      0
      Block Input Operations            0
      Block Output Operations           56


 299
 300        /* 12)  Use the data set from step 10 with the means
procedure to create an analysis of all the “Cases”  */
 301        /* variables by using a variable list.  Show the default
statistics to one decimal place.  At the same  */
```

```
 302        /* time create a temporary data set that contains only the
mean and range statistics.  For training  */
 303        /* purposes, only supply one variable for each of the
statistics.  Supply an appropriate title. */
 304
 305        title "Insert *Appropriate Title Here";
 306        proc means data=work.mergedhw15 maxdec=1 mean min max
range;
 307        var case: ;
 308        output out=means_rangeHw15
 309         MEAN=Mean1 /*Mean2 Mean3 Mean4 Mean5 */
 310        RANGE=Range1 /*Range2 Range3 Range4 Range5;*/
 311        run;
 312

 NOTE: There were 254 observations read from the data set
WORK.MERGEDHW15.
 NOTE: The data set WORK.MEANS_RANGEHW15 has 1 observations and 5
variables.
 NOTE: PROCEDURE MEANS used (Total process time):
       real time           0.03 seconds
       user cpu time       0.03 seconds
       system cpu time     0.01 seconds
       memory              6649.40k
       OS Memory           41412.00k
       Timestamp           12/07/2021 04:53:55 PM
       Step Count                        62  Switch Count  3
       Page Faults                       0
       Page Reclaims                     1424
       Page Swaps                        0
       Voluntary Context Switches        33
       Involuntary Context Switches      0
       Block Input Operations            0
       Block Output Operations           264


 313        proc print data=work.means_rangeHW15;
 314        run;

 NOTE: There were 1 observations read from the data set
WORK.MEANS_RANGEHW15.
 NOTE: PROCEDURE PRINT used (Total process time):
       real time           0.01 seconds
       user cpu time       0.01 seconds
       system cpu time     0.00 seconds
       memory              672.93k
```

```
      OS Memory           36012.00k
      Timestamp           12/07/2021 04:53:55 PM
      Step Count                        63  Switch Count  0
      Page Faults                       0
      Page Reclaims                     61
      Page Swaps                        0
      Voluntary Context Switches        0
      Involuntary Context Switches      0
      Block Input Operations            0
      Block Output Operations           8


 315
 316
 317        /* 13.)  Use the TABULATE procedure and the sorted data
set created in step 8 to show the mean and  */
 318        /* range of monthly cases by year and month to one decimal
place.  Include the mean and range  */
 319        /* for all values at the bottom of the report.  Supply an
appropriate title.  The layout of the report  */
 320        /* is shown below:  */
 321
 322        title "I am the Smartest Man Alive!";
 323        proc tabulate data = work.monthly_stats_temp;
 324        class report_year report_month;
 325        var monthly_cases;
 326        table report_year*report_month all, monthly_cases*(mean
range) *f=7.1;
 327        run;

 NOTE: There were 1275 observations read from the data set
WORK.MONTHLY_STATS_TEMP.
 NOTE: PROCEDURE TABULATE used (Total process time):
      real time           0.03 seconds
      user cpu time       0.01 seconds
      system cpu time     0.01 seconds
      memory              9673.68k
      OS Memory           46288.00k
      Timestamp           12/07/2021 04:53:55 PM
      Step Count                        64  Switch Count  9
      Page Faults                       1
      Page Reclaims                     2239
      Page Swaps                        0
      Voluntary Context Switches        80
      Involuntary Context Switches      0
      Block Input Operations            8
```

```
 328
 329        /* 14.  Close the PDF destination.  */
 330
 331        ods pdf close;
 NOTE: ODS PDF printed 10 pages to
/home/u59649056/Homeworks/mylib/JRodoni_HW15_Output.pdf.
 332
 333        /* 15.  Examine the data sets and use report information
contained in your PDF output document to  */
 334        /* find the answers to the questions below and include the
answers in a comment section at the  */
 335        /* bottom of your program file:  */
 336
 337        /* (a) Which month had the highest row percent value for
the Extreme fatality rate?  */
 338
 339        /* March  */
 340
 341        /* (b) Which county had the lowest percentage employment
before the pandemic and 1 year  */
 342        /* into the pandemic?  */
 343
 344        /* Before pandemic: San Jacinto  */
 345        /* 1 Year into pandemic: San Jacinto  */
 346
 347        /* (c) Which county had the highest percentage employment
before the pandemic and 1 year  */
 348        /* into the pandemic?  */
 349
 350        /* Before pandemic: Kenedy   */
 351        /* 1 Year into pandemic: Loving   */
 352
 353        /* (d) Which of the “Cases” variables had the highest mean
value?  What was the value  */
 354
 355        /* Cases20211-2371.8    */
 356
 357        /* (e) Compare the data in the data set created by the
MEANS procedure with the output data  */
 358        /* it created in the PDF.  What data is represented in the
data set?  */
 359
 360        /* The data is the mean and range of cases20203  */
```

```
 361
 362        /* (f) What is the overall mean and range of the Monthly
Cases?  */
 363
 364        /* 882.20  */
 365
 366        OPTIONS NONOTES NOSTIMER NOSOURCE NOSYNTAXCHECK;
 376
```