

```
/* Generated Code (IMPORT) */
/* Source File: obesity_2015_2017 (1).csv */
/* Source Path: /home/u61628199/Assignment1 */
/* Code generated on: 4/22/26, 9:57 PM */
```

```
%web_drop_table(WORK.IMPORT);
```

```
FILENAME REFFILE '/home/u61628199/Assignment1/obesity_2015_2017 (1).csv';
```

```
PROC IMPORT DATAFILE=REFFILE
```

```
  DBMS=CSV
```

```
  OUT=WORK.IMPORT;
```

```
  GETNAMES=YES;
```

```
RUN;
```

```
PROC CONTENTS DATA=WORK.IMPORT; RUN;
```

```
%web_open_table(WORK.IMPORT);
```

```
data Sasdata_combined;
```

```
  input _STATE _BMI5 IYEAR;
```

```
  /* Assignment Logic */
```

```
  if _BMI5 = . then bmi_g = .;
```

```
  else if _BMI5 >= 3000 then bmi_g = 1;
```

```
  else if 1 < _BMI5 < 3000 then bmi_g = 0;
```

```
datalines;
```

```
1 3205 2015
```

```
1 3410 2017
```

```
6 2810 2015
```

```
6 2900 2017
```

```
13 3540 2015
```

```
13 3610 2017
```

```
54 3800 2015
```

```
54 4100 2017
```

```
8 2200 2015
```

```

8 2150 2017
;
run;
proc means data=Sasdata_combined noprint nway;
  class IYEAR _STATE;
  var bmi_g;
  output out=State_Prevalence mean=obesity_rate;
run;

data Prev_Final;
  set State_Prevalence;
  STATE = _STATE; /* Create 'STATE' to match Map ID */
  obesity_percent = obesity_rate * 100;
  drop _STATE;
run;
/* 2015 Map */
proc gmap data=Prev_Final(where=(IYEAR=2015)) map=maps.us;
  id STATE;
  choro obesity_percent;
  title "Age-Adjusted Obesity Prevalence by State (2015)";
run;
quit;

/* 2017 Map */
proc gmap data=Prev_Final(where=(IYEAR=2017)) map=maps.us;
  id STATE;
  choro obesity_percent;
  title "Age-Adjusted Obesity Prevalence by State (2017)";
run;
quit;

data Sasdata_20151;
  set Sasdata_20151; /* Assumes your dataset is already loaded into SAS */

  if _BMI5 = . then bmi_g = .;
  else if _BMI5 >= 3000 then bmi_g = 1;
  else if 1 < _BMI5 < 3000 then bmi_g = 0;
run;

```

```
.....  
proc freq data = sasdata_20151;  
  table bmi_g;  
run;
```