

## Restructuring a Table Using PROC TRANSPOSE: Narrow to Wide

The **pg2.np\_2016camping** table contains public use statistics for camping in 2016 from the National Park Service. Convert the data from a narrow to a wide table.

1. Examine the **np\_2016camping** table. Notice that the table contains one row for each location type (*Tent*, *RV*, and *Backcountry*) by **ParkName**. In addition, notice that the table is sorted alphabetically by **ParkName**.
2. Create a new program.
  - Write a PROC TRANSPOSE step to create a wide table named **work.camping2016\_t**.
  - Include only the **ParkName** column and individual columns for the values of **CampType**.
  - Submit the program and examine the output data.

```
proc transpose data=pg2.np_2016camping
                out=work.camping2016_t_transposed(drop=_name_);
    by ParkName;
    id CampType;
    var CampCount;
run;
```

3. How many rows and columns are in the **camping2016\_t** table?

The **camping2016\_t** table has 126 rows and four columns.