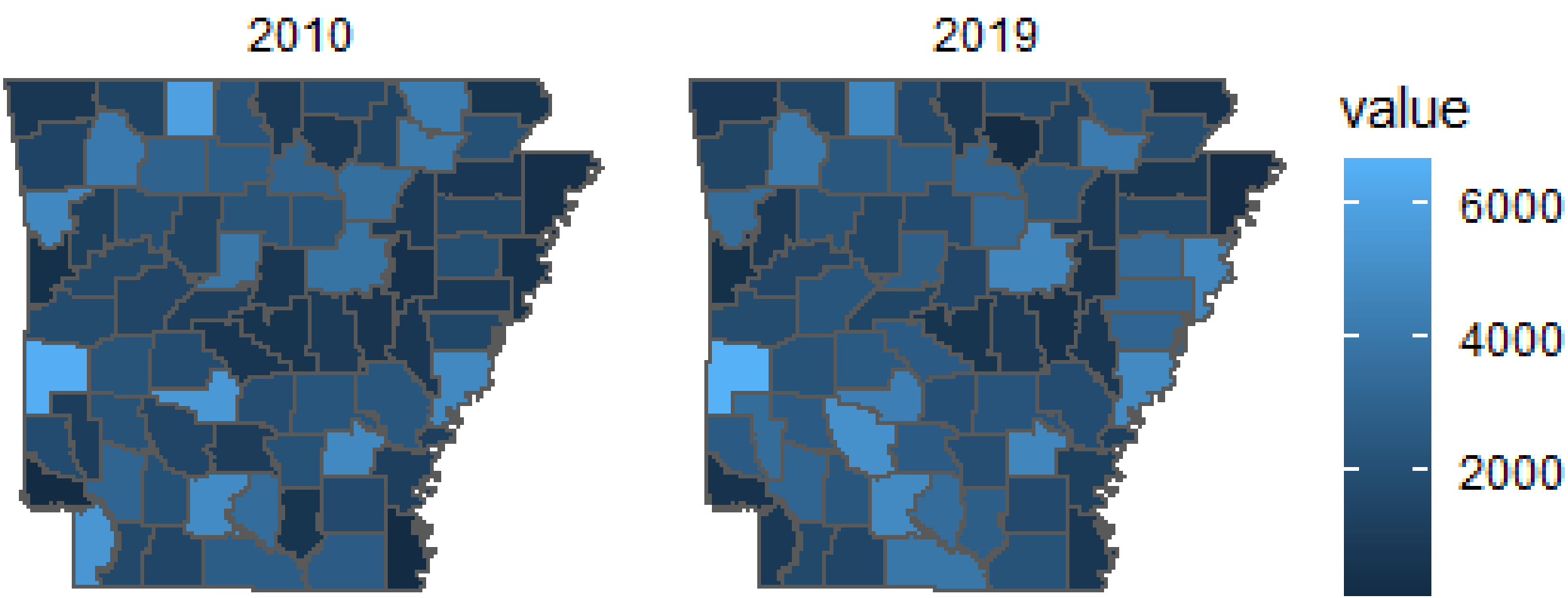


# ARKANSAS FOOD ACCESS

## 2010 V. 2019

**NUMBER OF  
PEOPLE PER  
COUNTY  
LOCATED 10  
MILES FROM  
FOOD**

**USDA FOOD  
ACCESS  
REASEARCH  
ATLAS**



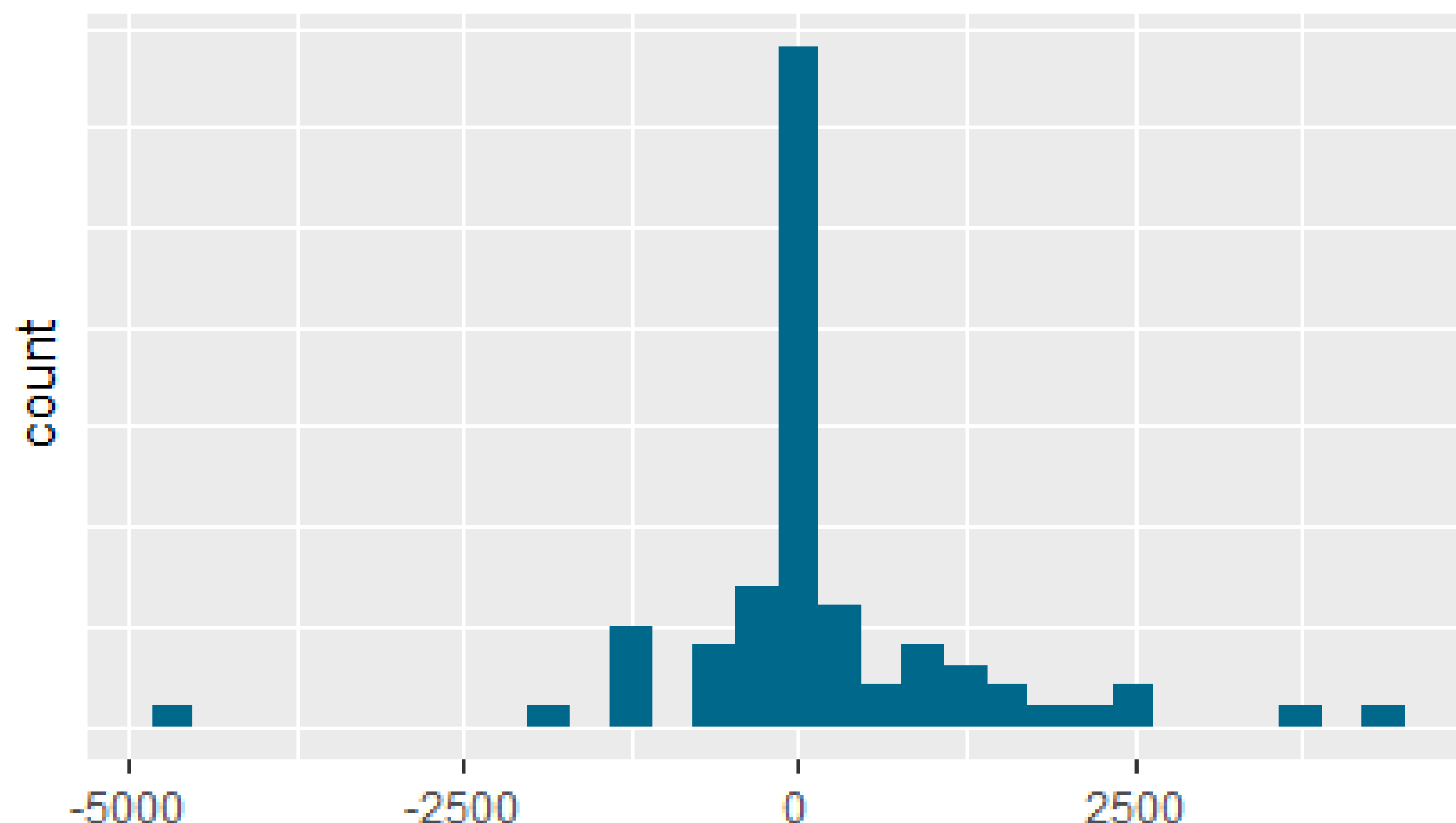
### CONSISTENTLY BAD

	County	2010 Pop	County	2019 Pop
1	Polk	6617.011	Polk	6680.447
2	Boone	5929.790	Clark	5219.856
3	Hot Spring	5544.037	Ouachita	4903.220
4	Miller	5458.646	Phillips	4876.868
5	Phillips	5213.649	Boone	4744.980
6	Ouachita	4916.689	Crittenden	4731.075
7	Lincoln	4852.668	Lincoln	4694.287
8	Crawford	4796.943	White	4691.119
9	Randolph	4273.751	Hot Spring	4369.405
10	Madison	4232.564	Lawrence	4195.890

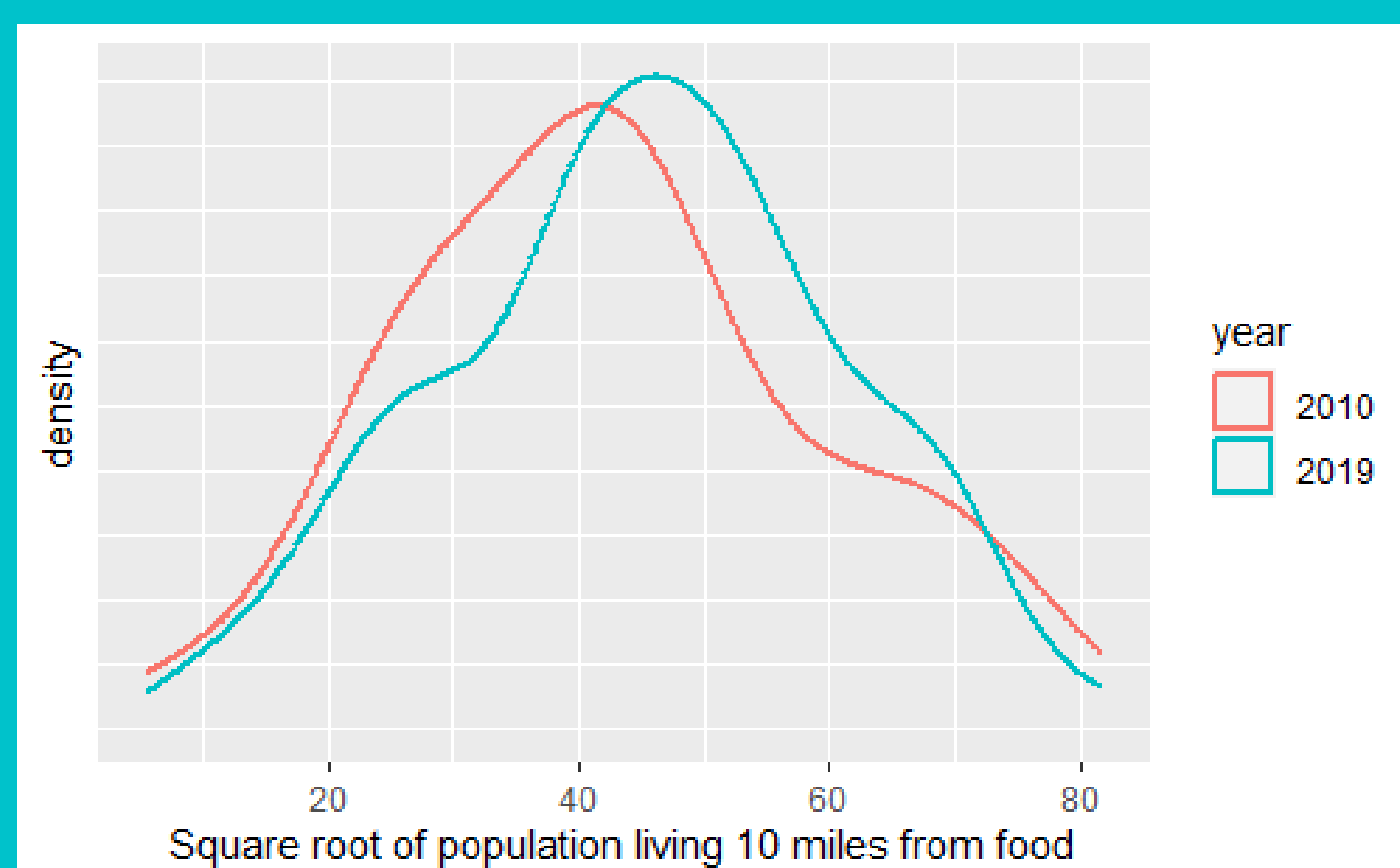
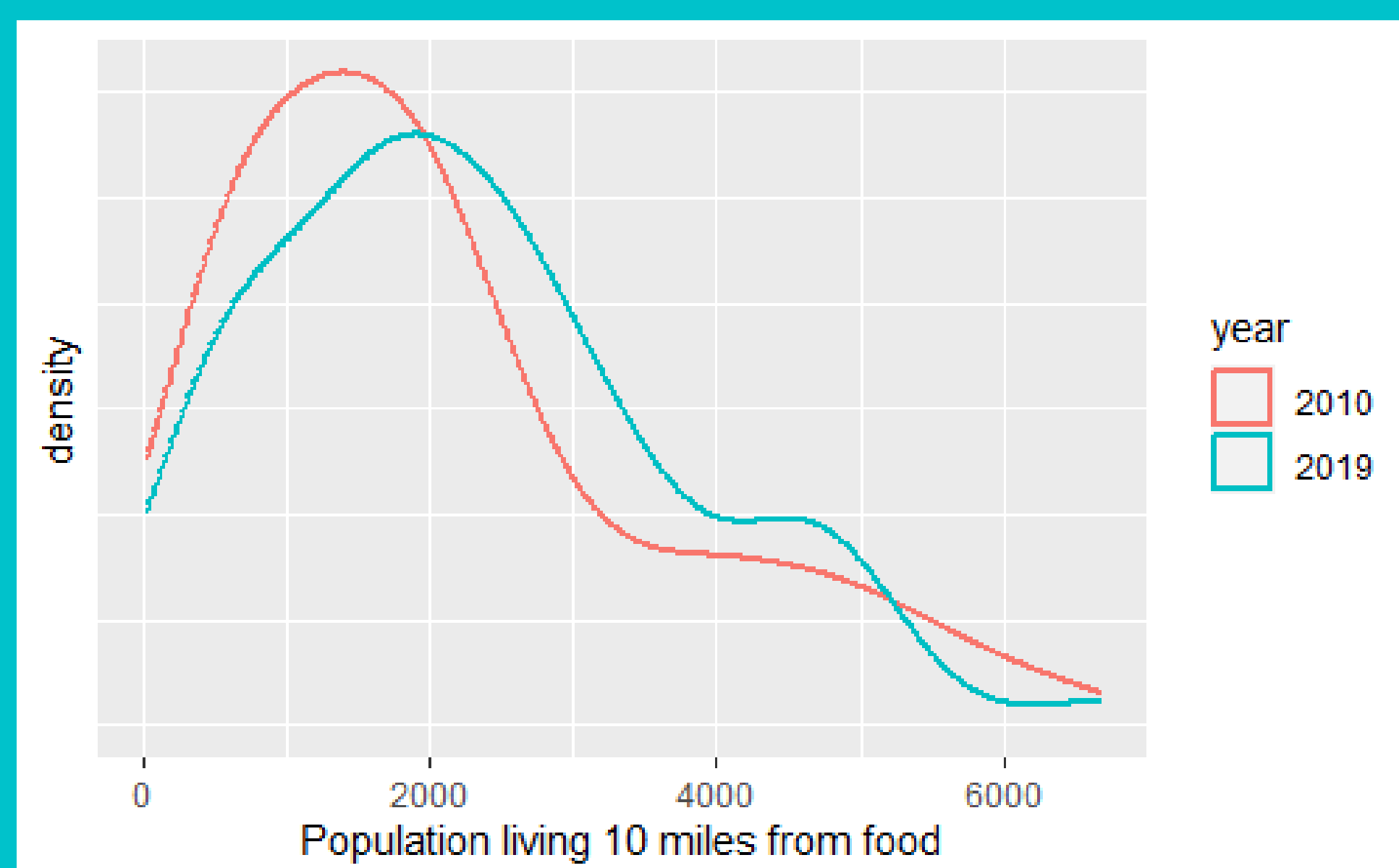
The top 10 counties with the highest population living 10 miles from food

Out of the  
top 10 worst  
counties in  
2010, 6  
remain in the  
top 10 in  
2019

# HISTOGRAM OF DIFFERENCE BY COUNTY FROM 2010 TO 2019



Density plots of population by county living 10 miles from food



A paired t.test comparing  
2010 to 2019 by county  
resulted in  
p-value = 0.1744

A square root transform was  
done for a more normal  
distribution. Another paired  
t.test resulted in  
p-value = 0.09216

Neither is significant at the  
0.05 level

There has been little to no  
significant change in food  
access in Arkansas.