AP Statistics

Chi-Square Goodness of Fit Test.

Does Cobb County mirror the country as far as the type of households for the population? The following data was collected in 2012 from a random sample of 431 households. (based on the *Statistical Abstract of the United States*.)

Type of Household Percent of US Households Observed

In Cobb

Married with children 26% 132

Married, no children 29% 82

Single Parent 9% 63

One Person 25% 86

Other, (roommates, siblings) 11% 68

Does this data give convincing evidence that Cobb County does not mirror the United States when it comes to household makeup?