

18097

4019

13089

1073

15003

6075

17031

6073

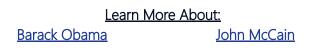
12086

12011





2008 Presidential Election

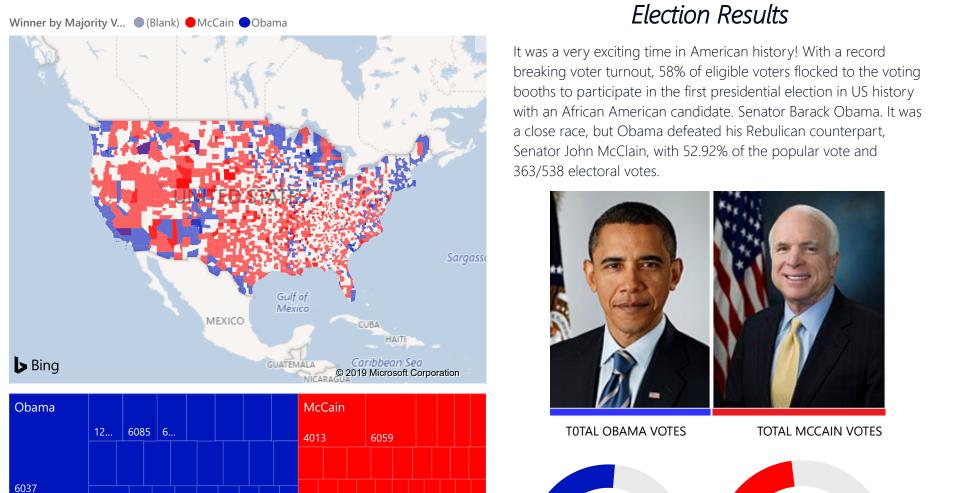


125M

58M

125M

66M



Illinois Pennsylvania Michigan North Caro... New Jersev Virginia Massachus.. Georgia Wisconsin Maryland Minnesota Washington Missouri Indiana Colorado Tennessee Oregon Connecticut Arizona 0M 5M

Total Votes By STATE

● Sum of OBAMA ● Sum of MCCAIN ● Sum of OTHER

Region

California

New York

Florida

Texas

ΑII

Source: <u>University of Delaware</u> | Date Created: 2/9/19

REGION vs COUNTY WINNER

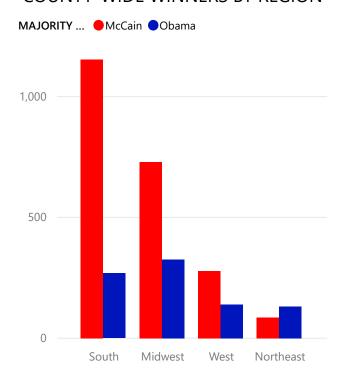
Chi-Squared Test of Independence

A chi-squared test was conducted under the null hypothesis that the winner of the 2008 election at the county level was independent of the region in which the county is located.

	Statistic	P-value
X-squared	186	0

Since p< 0.05, the null hypothesis should be rejected. For US counties, the winner by majority was NOT independent of the US region.

COUNTY-WIDE WINNERS BY REGION



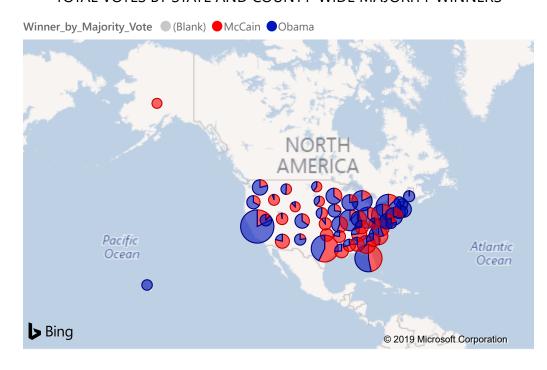
2008 Presidential Election

Regional Impact

In recent US history, southern counties have favorite republican candidates while north eastern counties have favored democrats. This held true in the 2008 election for most southern and northeastern counties, wherein McCain and Obama were the majority winners respectively.

Interestingly, even though McCain was also the winner in most midwestern and western counties, Obama won the popular vote. This phenomenon is explained by the fact that the *number of voters* in each county (and consequently, each state) varies greatly.

TOTAL VOTES BY STATE AND COUNTY-WIDE MAJORITY WINNERS



TOTAL VOTES

Region	Obama •	Third Party	McCain
West	13613515	456725	10393070
Northeast	13790650	284556	9289308
Midwest	16874960	459860	14022025
South	21649115	417623	24015594
Total	65928240	1618764	57719997

TOTAL VOTES BY REGION

