

## Climate Predicts Obesity Rates

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### Medical Image

Maximum Entropy modeling predicted the distribution of obesity from only climate factors (heat index, minimum & maximum daily temperature, precipitation, land surface temperature and insolation) in 2009. The orange and yellow represent the presence of high obesity rates in individual counties. Climate factors in these counties were

used to predict the obesity distribution. As the color on the map changes from blue to green and yellow, higher rates of obesity are predicted; the highest rates of obesity predicted are the intense yellows. The predicted obesity rates match the actual rates determined by the Centers for Disease Control.

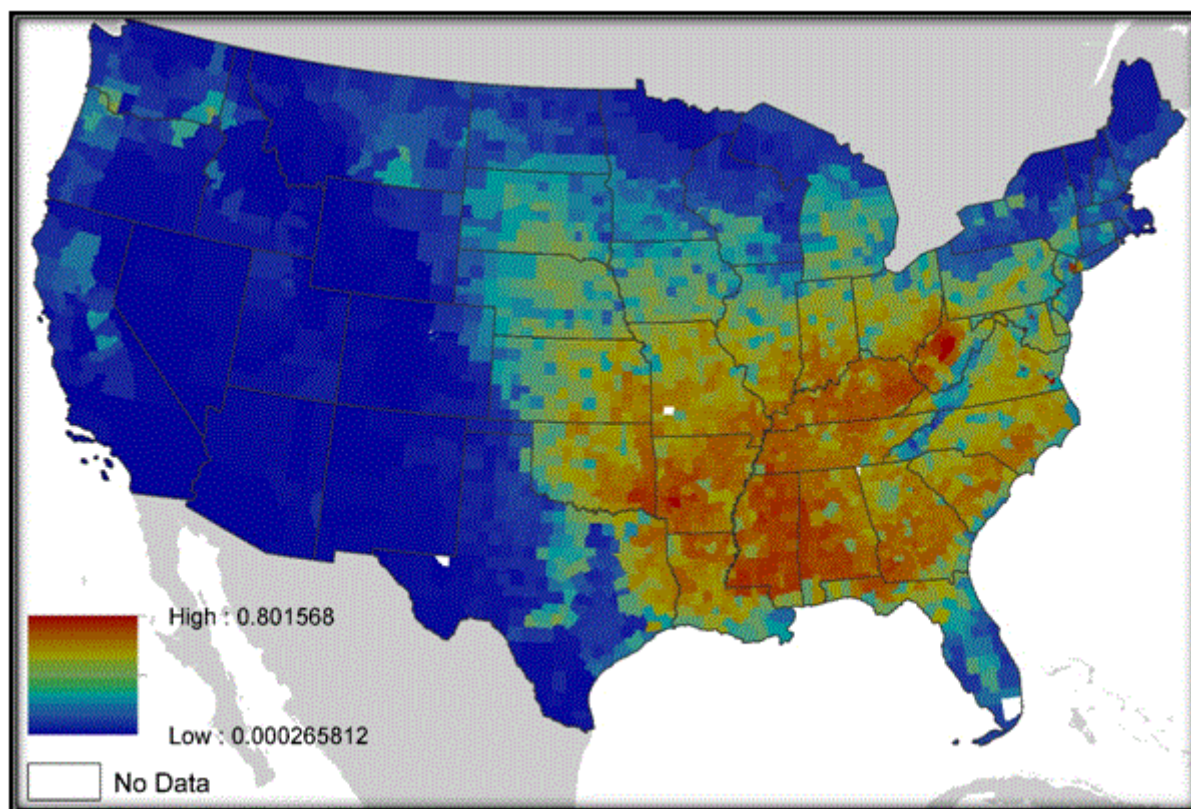


Figure 1: 2009 obesity rates predicted from the climate.