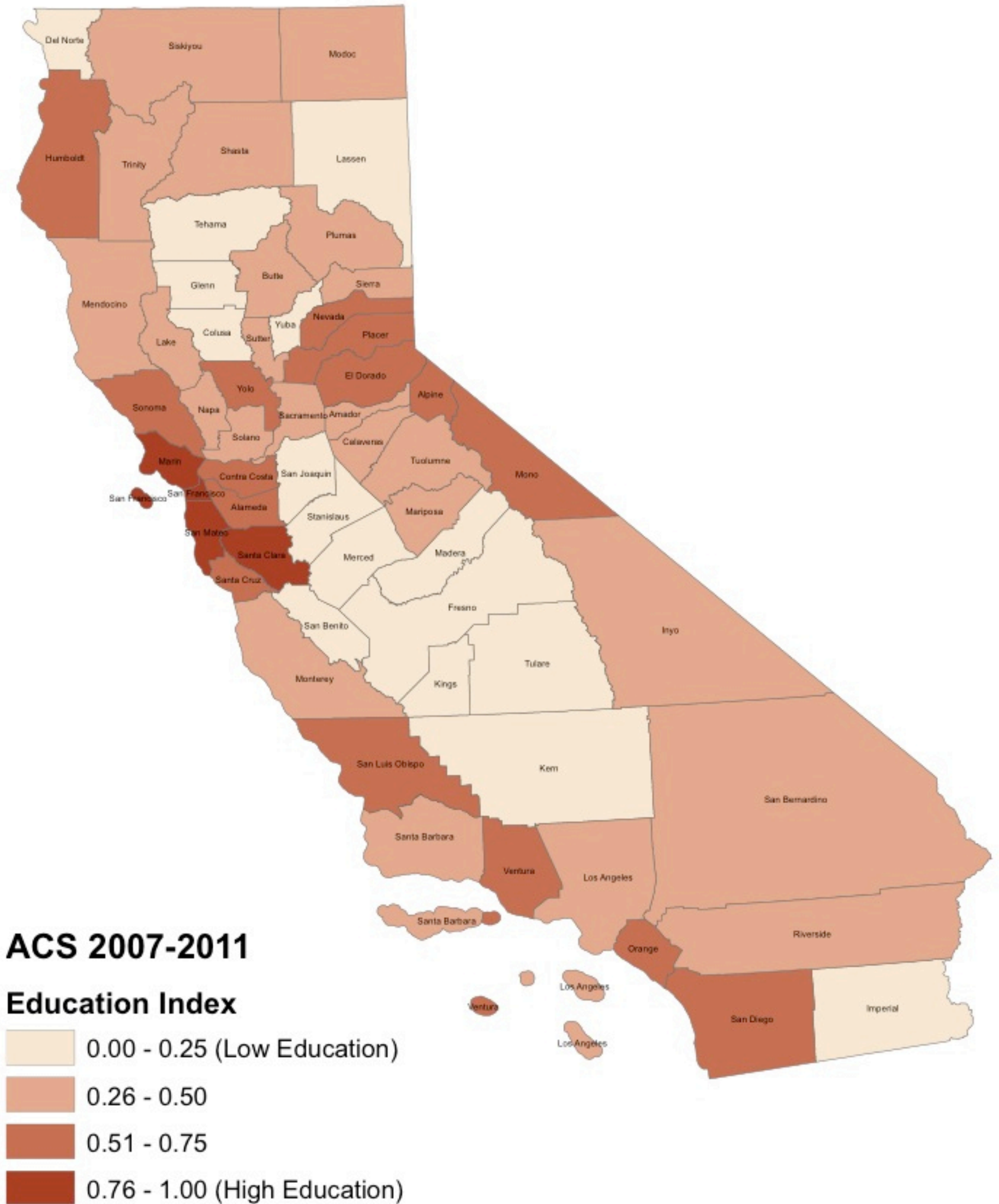


Figure x. Education Index for resident 25 year old or older by County



Education Index

$$(1) V_i = \left(\frac{X_j - Y_i}{Z_i - Y_i} \right)$$

V_i is the standardized index score for each unit

X_j = actual value for a unit

Y_i = minimum value in the universe of units

Z_i = maximum value in the universe of units

(Note: units could be block groups, census tracts, grid cells, etc)

Education Index

Let's say that 85% of the U.S adult population had at least high school diploma, 27.7% had a bachelor's degree, and 10.2% had a graduate degree. The education score is $.85 + .277 + .102 = 1.228$.

$Z_i = 2$ (the maximum value)

$Y_i = .5$ (the minimum value)

The Educational index is then:

$$(1) V_i = \left(\frac{X_j - Y_i}{Z_i - Y_i} \right)$$

$$(1) V_i = \left(\frac{1.228 - .5}{2 - .5} \right) = .4853$$