

## What Factors Have An Effect On The Life Expectancy Of Kansas Citizens?

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Life expectancy is a common measure of public health and has been positively correlated with economic growth. This research focuses on how access to basic needs and socio-economic factors, often the focus of state-level programs and policies aimed at business and economic development, impact life expectancy of Kansas citizens. Information was collected on all 105 Kansas counties involving income, health care provider insufficiency, food insecurity, housing, living arrangements, computer & internet usage, education, transportation, insurance, metropolitan statistical area (MSA) and local health department funding. Multiple regression and individual single regression were used to analyze the magnitude and direction of the effect of the variables on life expectancy.

Preliminary analysis suggests controlling for other factors that shortages in primary care providers, food insecurity, local health department funding, internet access, median home values, and incomes are significantly associated with life expectancy. These findings could be employed to advance the policies, economic development, and business opportunities which best support the significant factors and corresponding programs affecting Kansans.