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House Bill 30 **“Observe Daylight Saving Time All Year”** **Research Index**

1. Daylight Saving Time as a potential public health intervention: an observational study of evening daylight and objectively-measured physical activity among 23,000 children from 9 countries

Goodman et al

International Journal of Behavioral Nutrition and Physical Activity
2014

Summary: Longer evening daylight is associated with a small increase in physical activity.

2. Under the Cover of Darkness: How Ambient Light Influences Criminal Activity

Jennifer L. Doleac and Nicholas J. Sanders

The Review of Economics and Statistics
December 2015

Summary: There is a 7% decrease in robberies following the shift to Daylight Saving Time with an estimated savings of \$59 million in annual social costs from avoided robberies.

3. Shedding Light on Daylight Saving Time

Farrell, Narasiman, and Ward Jr.

JPMorgan Chase & Co. Institute
November 2016

Summary: Credit Card spending, particular on goods, increases slightly in the 30 days following the start of DST and declines in the 30 days following the end of DST.

4. Daylight Saving Time and Motor Vehicle Crashes: The Reduction in Pedestrian and Vehicle Occupant Fatalities

Ferguson, Preusser, Lund, Zador, and Ulmer

American Journal of Public Health
January 1995

Summary: There are fewer fatal car crashes during daylight saving time.

5. Impact of Extended Daylight Saving Time on National Energy Consumption

Belzer, Hadley, and Chin

U.S. Dept of Energy Office of Energy Efficiency and Renewable Energy
October 2008

Summary: No statistically significant change in energy use during extended Daylight Saving Time