

# American Academy of Sleep Medicine calls for elimination of daylight saving time

August 27 2020

---



Credit: CC0 Public Domain

Public health and safety would benefit from eliminating daylight saving time, according to a position statement from the American Academy of Sleep Medicine.

The AASM supports a switch to permanent standard time, explaining in the statement that standard time more closely aligns with the daily rhythms of the body's internal clock. The [position statement](#) also cites evidence of increased risks of motor vehicle accidents, cardiovascular events, and mood disturbances following the annual "spring forward" to daylight saving time.

"Permanent, year-round standard time is the best choice to most closely match our circadian sleep-wake cycle," said lead author Dr. M. Adeel Rishi, a pulmonology, [sleep medicine](#) and critical care specialist at the Mayo Clinic in Eau Claire, Wisconsin, and vice chair of the AASM Public Safety Committee. "Daylight saving time results in more darkness in the morning and more light in the evening, disrupting the body's natural rhythm."

The position statement, published online as an accepted paper in the *Journal of Clinical Sleep Medicine*, outlines the acute effects of daylight saving time, which range from increased risk of stroke and hospital admissions to sleep loss and increased production of inflammatory markers, one of the body's responses to stress. In addition, studies show that traffic fatalities have increased as much as six percent in the first few days following the change to daylight saving time, and a recently published research abstract found an 18 percent increase in adverse medical events related to [human error](#) in the week after switching to daylight saving time.

"There is ample evidence of the negative, short-term consequences of the annual change to daylight saving time in the spring," said AASM President Dr. Kannan Ramar. "Because the adoption of permanent standard time would be beneficial for [public health](#) and safety, the AASM will be advocating at the federal level for this legislative change."

In July, an AASM survey of more than 2,000 U.S. adults found that 63

percent support the elimination of seasonal time changes in favor of a national, fixed, year-round time, and only 11 percent oppose it. Additionally, a 2019 survey by the AASM found that 55 percent of adults feel extremely or somewhat tired after the spring change to daylight saving time.

The AASM position statement on [daylight](#) saving time has been endorsed by the following organizations:

- American Academy of Cardiovascular Sleep Medicine
- American Academy of Dental Sleep Medicine
- American College of Chest Physicians (CHEST)
- American College of Occupational and Environmental Medicine
- California Sleep Society
- Dakotas Sleep Society
- Kentucky Sleep Society
- Maryland Sleep Society
- Michigan Academy of Sleep Medicine
- Missouri Sleep Society
- National PTA
- National Safety Council
- Society of Anesthesia and Sleep Medicine
- Society of Behavioral Sleep Medicine
- Southern Sleep Society
- Start School Later
- Tennessee Sleep Society
- Wisconsin Sleep Society
- World Sleep Society.

**More information:** Muhammad Adeel Rishi et al, Daylight saving time: an American Academy of Sleep Medicine position statement, *Journal of Clinical Sleep Medicine* (2020). [DOI: 10.5664/jcsm.8780](https://doi.org/10.5664/jcsm.8780)

Provided by American Academy of Sleep Medicine

Citation: American Academy of Sleep Medicine calls for elimination of daylight saving time (2020, August 27) retrieved 20 April 2024 from <https://medicalxpress.com/news/2020-08-american-academy-medicine-daylight.html>

This document is subject to copyright. Apart from any fair dealing for the purpose of private study or research, no part may be reproduced without the written permission. The content is provided for information purposes only.