

## Lost Winter in Denmark

**Analysis: Climate change adding more winter days above freezing — affecting snowfall, winter sports, ecosystems, and more**

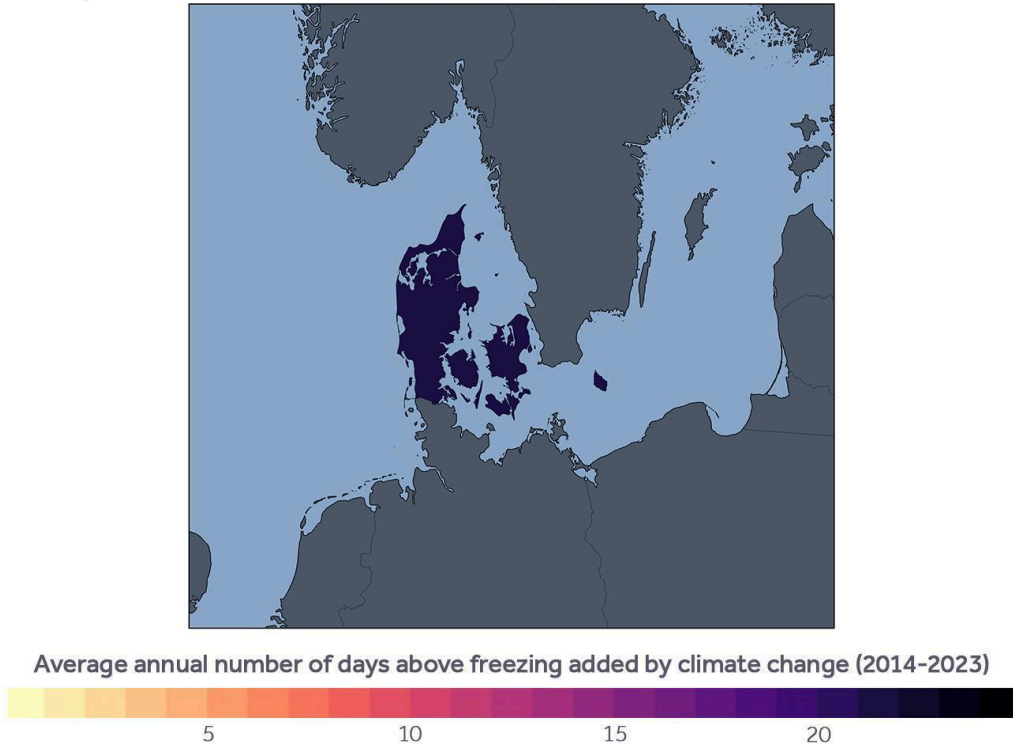
December 2024

### KEY FACTS

- Across Denmark, climate change — due primarily to burning oil, coal, and methane gas — is causing a significant increase in winter days above freezing, otherwise called lost winter days.
  - Analysis of daily minimum temperatures during winter (December, January, February) shows that Denmark experienced three additional weeks' worth of days above freezing annually during the past decade (2014-2023) due to human-caused warming.
  - Among the 123 countries analyzed, Denmark was among those that saw the most additional winter days above freezing due to a warming climate, ranking fourth globally.
  - Copenhagen, Denmark saw at least 25 winter days above freezing added by climate change each year, compared to a world without climate change.
  - Losing winter's chill affects snowfall, winter sports, water supplies, spring allergies, crops, and more.
- [Download data](#)

*This national summary is part of a broader analysis, in which Climate Central assessed how warming temperatures, attributed to climate change, affected the number of days above freezing (0°C) during winter (December, January, February) in 123 countries across the Northern Hemisphere over this past decade (2014-2023). For locations across the globe, findings show how many lost winter days — days between December-February where minimum temperatures exceeded 0°C — are occurring annually due to climate change. For detailed methodology and summary of findings for 123 countries and 901 cities, [see the full report](#).*

# RESULTS



**Figure 1.** Annual winter days with minimum temperatures above 0°C added by climate change in Denmark, averaged over a ten-year period (2014-2023).

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*Climate Central is an independent group of scientists and communicators who research and report the facts about our changing climate and how it affects people’s lives. Climate Central is a policy-neutral 501(c)(3) nonprofit.*

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