

Institute for Economic Studies, Keio University

Keio-IES Discussion Paper Series

**Unveiling the Unseen Illness:
Public Health Warnings and Heat Stroke**

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2024年9月8日

DP2024-020

<https://ies.keio.ac.jp/publications/24217/>

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8 September, 2024

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JEL Classification: D90, I12, I18, Q54

キーワード: heat stroke, climate change, warning effectiveness, avoidance behavior

【要旨】

We utilize region-day variation in actual vs. forecasted wet bulb globe temperatures (i.e. forecasting errors) to investigate the effects of the first comprehensive heat-health warning system in Japan. We find that heat alerts led to an increase in heat stroke counts of 17%. An analysis of mechanisms utilizing several datasets suggests the effect is due to increased reporting, as opposed to potential “adverse” behaviors or substitution in health diagnoses. We further find that four times as many heat strokes are detected in low-income neighborhoods compared to high-income neighborhoods, highlighting severe environmental inequalities in health reporting behavior.

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謝辞: We thank Mika Akesaka, Scott Carrell, Alastair Fraser, Osea Giuntella, Timothy Halliday, Yoko Ibuka, Yoshifumi Konishi, Shotaro Nakamura, Matt Naven, Yuki Nohara, Akira Sasahara, Hitoshi Shigeoka, Jeffrey Shrader, Manasvini Singh, Corey White, Mirka Zvedelikova, and seminar participants at the EALE 2024 Conference, AASLE 2023 Conference, IAAEU Workshop on Labor Economics, University of Hohenheim, University of Tokyo, Osaka University, and Keio University for helpful comments. We thank the Fire and Disaster Management Agency (FDMA) for providing micro-level data. We also thank the Top Global University Project of Keio University. The views expressed in this paper are those of the authors and do not necessarily reflect the positions or policies of the organizations mentioned above. Any remaining errors are our own. Declarations of interest: none.