



PANTHRISK WEEKLY RISK REPORT

Week of June 15–21, 2025

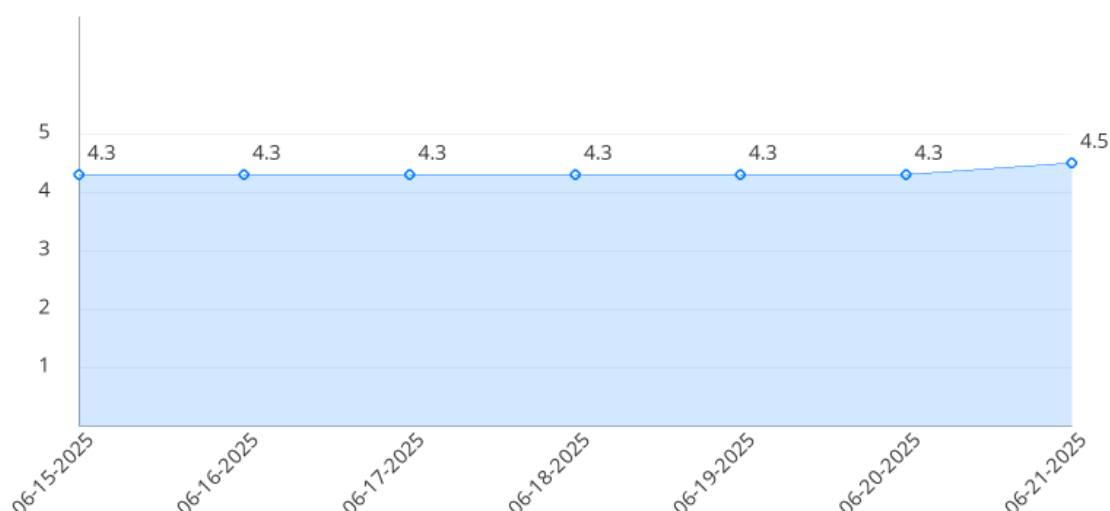
Panthrisk monitors humanity's most serious existential threats using curated news sources and AI-assisted analysis. Each day, our models evaluate key global developments, generate risk-level assessments, and propose actionable interventions. This weekly report summarizes the trends, risk shifts, and notable insights from June 15–21, 2025 across all tracked categories.

Generated: June 21, 2025



Nuclear War

Score Trend (Week of June 15–21, 2025)



This week, the nuclear threat level has consistently been elevated due to escalating tensions between Israel and Iran, with particular concerns over Iran's nuclear capabilities and ambitions. These regional tensions are compounded by the expansion and modernization of global nuclear arsenals, including significant developments in China's nuclear capabilities. The potential withdrawal from key nuclear treaties further exacerbates the risk of conflict, highlighting the urgent need for diplomatic interventions and renewed arms control efforts. The situation underscores the importance of maintaining robust communication channels to prevent accidental escalations and to manage crises effectively.



Nuclear War

Recommended Risk Reduction Actions

- **[Government]** Facilitate urgent diplomatic talks between Israel and Iran to de-escalate tensions and establish a framework for nuclear non-proliferation in the region.
- **[International Organizations]** Convene an emergency UN Security Council session to address the escalating nuclear tensions and mediate between conflicting parties.
- **[NGO]** Increase public awareness and advocacy for nuclear disarmament and non-proliferation treaties to pressure governments into action.
- **[Industry]** Invest in technologies that improve verification and monitoring of nuclear activities to support transparency and prevent unauthorized actions.
- **[Military]** Enhance crisis communication protocols to prevent accidental escalations during high-tension periods, ensuring rapid de-escalation capabilities.



Nuclear War

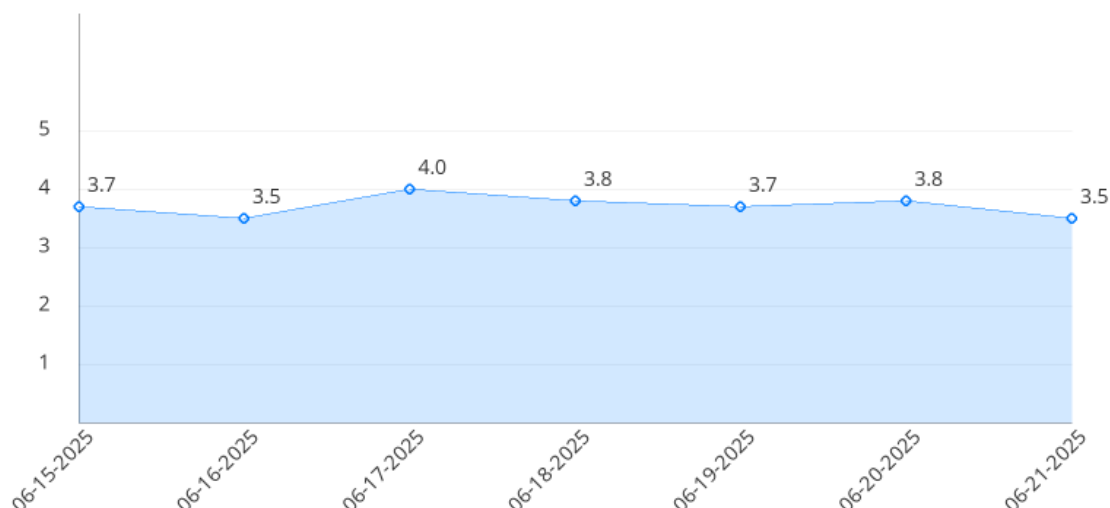
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Artificial Intelligence

Score Trend (Week of June 15–21, 2025)



This week, the risk associated with Artificial Intelligence has been fluctuating between moderate and high, primarily due to ongoing advancements in AI capabilities and their integration into critical sectors such as military and infrastructure. Concerns have been raised about potential misuse, misalignment, and the concentration of power, especially with the increased deployment of AI in military applications. Despite these risks, efforts in responsible disclosure and the development of safety frameworks are helping to balance the situation. The overall trend indicates a need for enhanced regulatory measures and international cooperation to address these challenges effectively.



Artificial Intelligence

Recommended Risk Reduction Actions

- **[Government]** Implement stricter regulations and oversight mechanisms for AI deployment, particularly in sensitive sectors like military and critical infrastructure, to prevent misuse and ensure alignment with ethical standards.
- **[Industry]** Develop and adhere to robust ethical guidelines for AI research and deployment, focusing on preventing misuse and ensuring alignment with human values.
- **[NGO]** Advocate for international treaties and agreements to limit the deployment of AI in military operations and promote peaceful applications.
- **[Academia]** Conduct interdisciplinary research on AI alignment and safety to address potential existential risks and inform policy development.
- **[International Organizations]** Facilitate global cooperation on AI governance to establish norms and standards that address cross-border risks and challenges.



Artificial Intelligence

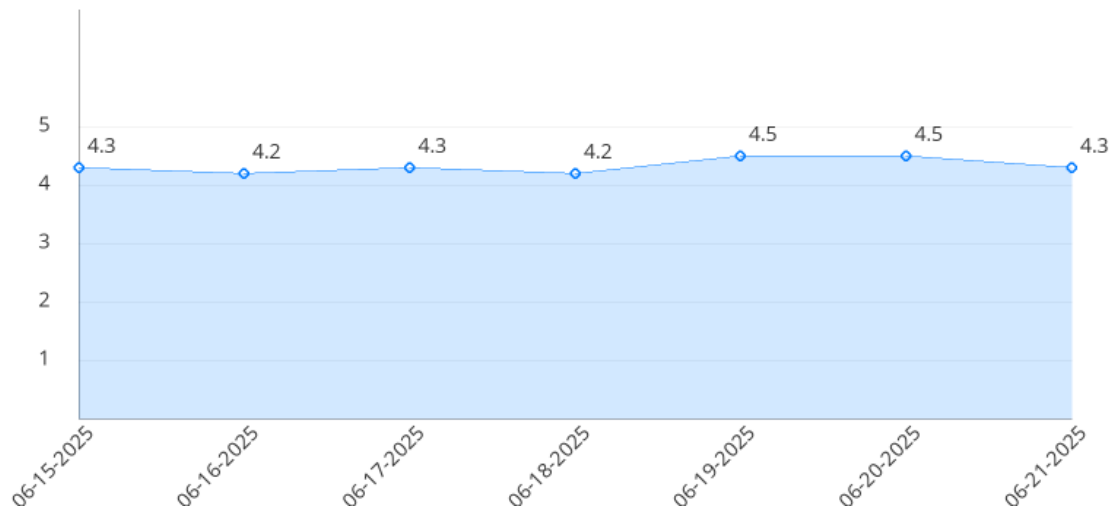
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Climate Change



Score Trend (Week of June 15–21, 2025)



This week, the climate change risk remains high due to a combination of record-breaking temperatures, increased greenhouse gas emissions, and a series of extreme weather events. These factors are compounded by inadequate policy responses and insufficient disaster preparedness, threatening both immediate and long-term planetary stability. The risk is further exacerbated by the potential breach of critical warming thresholds and the mounting threats to biodiversity and human health. The recurring theme of rising emissions and extreme weather underscores the urgent need for effective climate action and adaptation strategies.



Climate Change

Recommended Risk Reduction Actions

- **[Government]** Implement stricter regulations on greenhouse gas emissions and enforce compliance to meet international climate targets.
- **[NGO]** Increase public awareness campaigns about the urgency of climate action and the health impacts of climate change.
- **[Industry]** Invest in renewable energy technologies and sustainable practices to reduce carbon footprints and enhance resilience.
- **[Research]** Conduct studies on the impact of planetary waves on extreme weather to improve disaster preparedness and response strategies.
- **[Global Organizations]** Facilitate international cooperation and funding to support vulnerable regions in adapting to climate impacts.



Climate Change

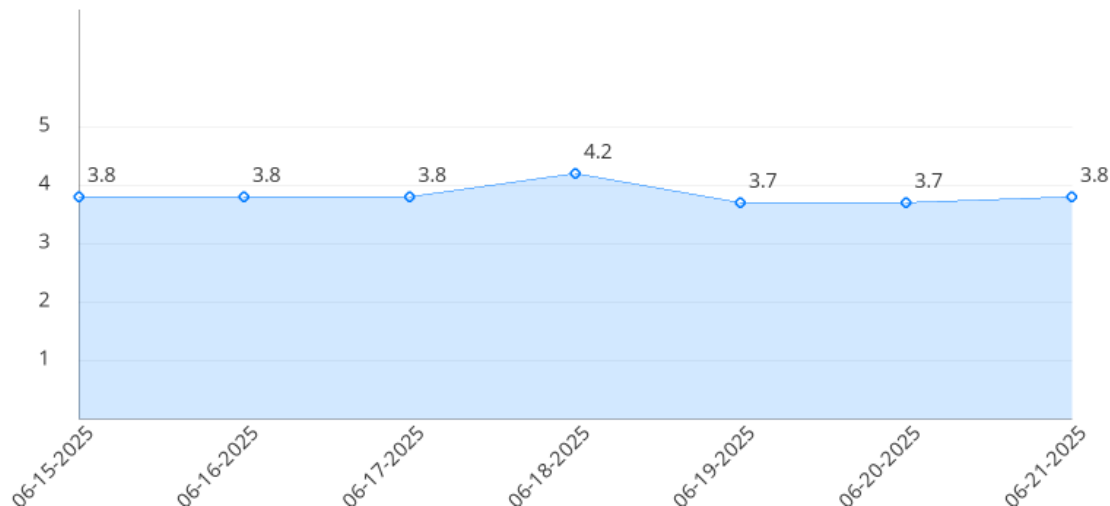
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Pandemics



Score Trend (Week of June 15–21, 2025)



This week, the pandemic risk level has fluctuated between moderate and high, primarily due to the resurgence of COVID-19 variants, ongoing avian flu threats, and the emergence of other infectious diseases such as measles and MERS. A significant challenge remains the erosion of public trust in vaccines, exacerbated by widespread misinformation. The situation is compounded by difficulties in the public health response, highlighting the need for improved communication strategies and enhanced surveillance efforts. Despite these challenges, the overall risk score has remained relatively stable, indicating a persistent but manageable threat level.



Pandemics

Recommended Risk Reduction Actions

- **[Government]** Enhance surveillance and genomic sequencing efforts to monitor and respond to emerging COVID-19 variants and other infectious diseases.
- **[Public Health Organizations]** Launch targeted campaigns to counter misinformation and rebuild public trust in vaccines through transparent and consistent communication.
- **[NGO]** Strengthen global cooperation to address avian flu outbreaks and prevent potential zoonotic spillovers, focusing on regions with high risk of cross-species transmission.
- **[Healthcare Providers]** Prioritize vaccination campaigns, especially for high-risk populations, to mitigate the impact of COVID-19, flu, and other emerging infectious diseases.
- **[Research Institutions]** Accelerate research on vaccine efficacy against new COVID-19 variants and other emerging pathogens to ensure timely updates to vaccination protocols.



Pandemics

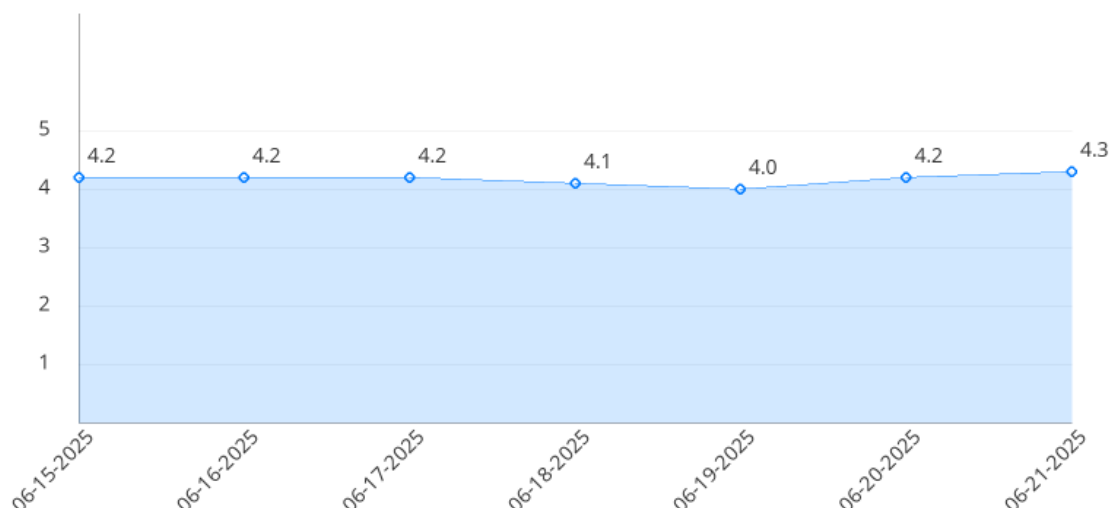
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Information Integrity

Score Trend (Week of June 15–21, 2025)



This week, the global misinformation threat level remains high, with a consistent score around 4.2. The primary drivers include politically motivated disinformation, fake news related to geopolitical tensions, and scams proliferating on digital platforms. There is a notable increase in the use of AI-driven disinformation, particularly in the context of geopolitical conflicts. These campaigns are affecting election narratives and contributing to widespread health misinformation. The persistence of these issues highlights the ongoing challenges in maintaining information integrity across various sectors.



Information Integrity

Recommended Risk Reduction Actions

- **[Government]** Implement stricter regulations and penalties for spreading disinformation, especially during election periods and in the context of geopolitical tensions.
- **[Industry]** Enhance AI detection systems to identify and remove fake content more effectively, focusing on AI-generated disinformation and deepfakes.
- **[NGO]** Increase efforts in fact-checking and provide clear, accessible corrections to misinformation, prioritizing election narratives and health misinformation.
- **[Education]** Integrate media literacy programs into curricula to equip students with skills to critically evaluate information and identify misinformation.
- **[International Organizations]** Foster cross-border collaborations to tackle misinformation that affects global peace and security, sharing best practices and resources.



Information Integrity

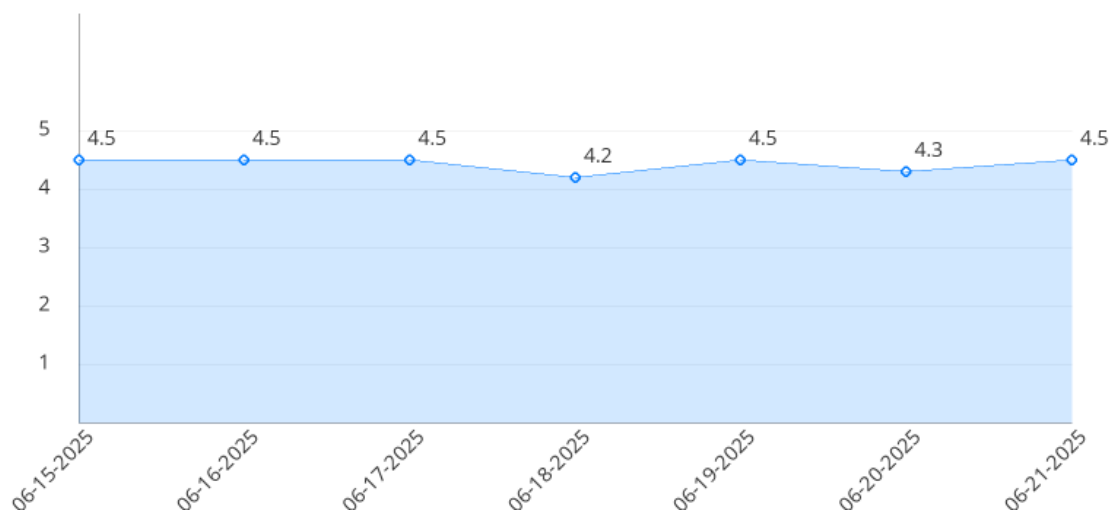
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Unknown / Black Swan

Score Trend (Week of June 15–21, 2025)



This week, the geopolitical landscape has been significantly impacted by Israel's military strikes on Iranian nuclear sites, which have heightened tensions and increased the risk of a broader regional conflict in the Middle East. The situation poses a considerable threat of escalation, potentially leading to regional destabilization and global repercussions. The ongoing conflict between Israel and Iran is marked by a high degree of unpredictability, with potential impacts on global energy markets and humanitarian conditions in the region. The international community is urged to engage in diplomatic efforts to de-escalate the situation and prevent further military actions that could lead to widespread instability.



Unknown / Black Swan

Recommended Risk Reduction Actions

- **[Government]** Convene an emergency session to mediate between Israel and Iran, involving key international stakeholders to de-escalate tensions.
- **[Industry]** Prepare contingency plans to stabilize global energy markets in case of disruptions due to the escalating conflict.
- **[NGO]** Mobilize humanitarian aid resources in anticipation of potential civilian impacts and displacement in the region.
- **[Media]** Provide accurate and balanced reporting to prevent misinformation and panic that could exacerbate the situation.
- **[Diplomats]** Engage in back-channel communications to facilitate dialogue and prevent further military actions between the conflicting parties.



Unknown / Black Swan

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Week in Review: June 15–21, 2025



This week, existential risk trends across the six domains have shown notable developments. In the nuclear domain, heightened tensions between Israel and Iran, alongside global nuclear arsenal expansions, have kept the risk level elevated, emphasizing the need for diplomatic efforts and treaty negotiations. Artificial Intelligence risks remain moderate to high due to advancements in AI integration in critical sectors, underscoring the necessity for regulatory measures and international cooperation. Climate change risks persist at high levels, driven by extreme weather events and inadequate policy responses, highlighting the urgency for effective climate action. Pandemic risks fluctuate between moderate and high, with emerging infectious diseases and vaccine misinformation posing ongoing challenges. Information integrity threats remain high, fueled by AI-driven disinformation campaigns affecting geopolitical and health narratives. Lastly, the unknown/black swan domain is marked by increased geopolitical tensions due to Israel's military actions against Iran, raising concerns about regional destabilization and global impacts.



Closing Notes

Thank you for reviewing this week's Panthrisk report. To stay informed, visit **panthrisk.com** — our dashboard is updated daily with the latest risk levels, GPT summaries, and recommended actions.

If you find this information valuable, please share it with colleagues working to reduce global catastrophic risk. Awareness is the first step toward action.