



PANTHRISK WEEKLY RISK REPORT

Week of July 20–26, 2025

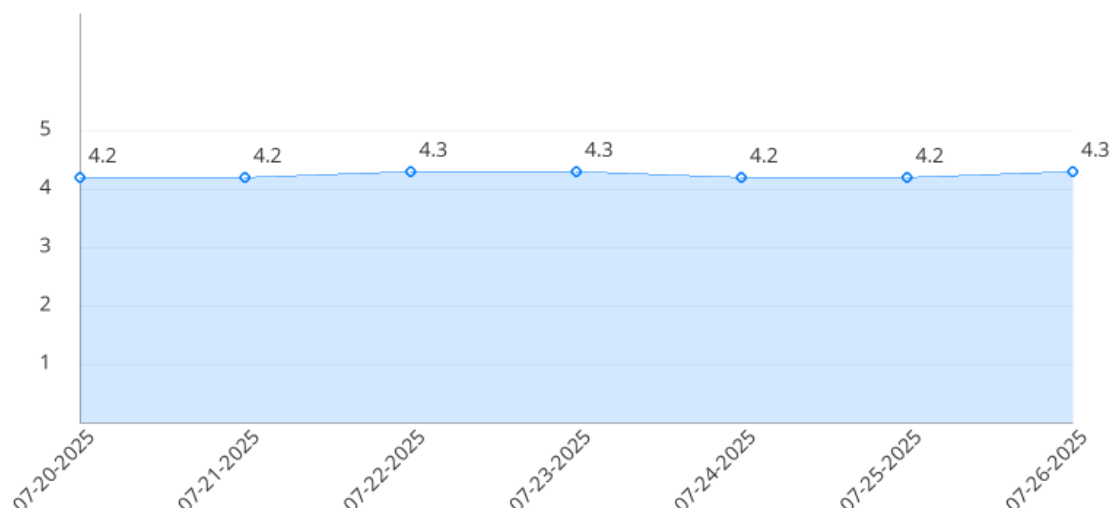
Panthrisk monitors humanity's most serious existential threats using curated news sources and AI-assisted analysis. Each day, our models evaluate key global developments, generate risk-level assessments, and propose actionable interventions. This weekly report summarizes the trends, risk shifts, and notable insights from July 20–26, 2025 across all tracked categories.

Generated: July 26, 2025



Nuclear War

Score Trend (Week of July 20–26, 2025)



This week, the nuclear threat level remains heightened due to several factors, including Iran's potential nuclear advancements and the erosion of arms control agreements. Geopolitical tensions have been exacerbated by the recent deployment of US nuclear weapons to the UK and Iran's potential exit from nuclear treaties. Additionally, cyberattacks on the US nuclear weapons agency, allegedly by Chinese hackers, have highlighted significant vulnerabilities in nuclear security. These developments increase the risk of miscalculation and underscore the need for strengthened diplomatic and security measures.



Nuclear War

Recommended Risk Reduction Actions

- **[Government]** Enhance diplomatic efforts to re-engage with Iran and other key nations to prevent further nuclear proliferation.
- **[Industry]** Invest in advanced cybersecurity measures to protect nuclear command and control systems from emerging threats.
- **[NGO]** Advocate for increased public awareness and education on the risks of nuclear proliferation and the importance of disarmament.
- **[International Organizations]** Convene urgent multilateral talks to address treaty breakdowns and establish new frameworks for nuclear arms control.
- **[Military]** Conduct joint exercises focused on de-escalation and crisis management to build trust and understanding among nuclear-armed states.



Nuclear War

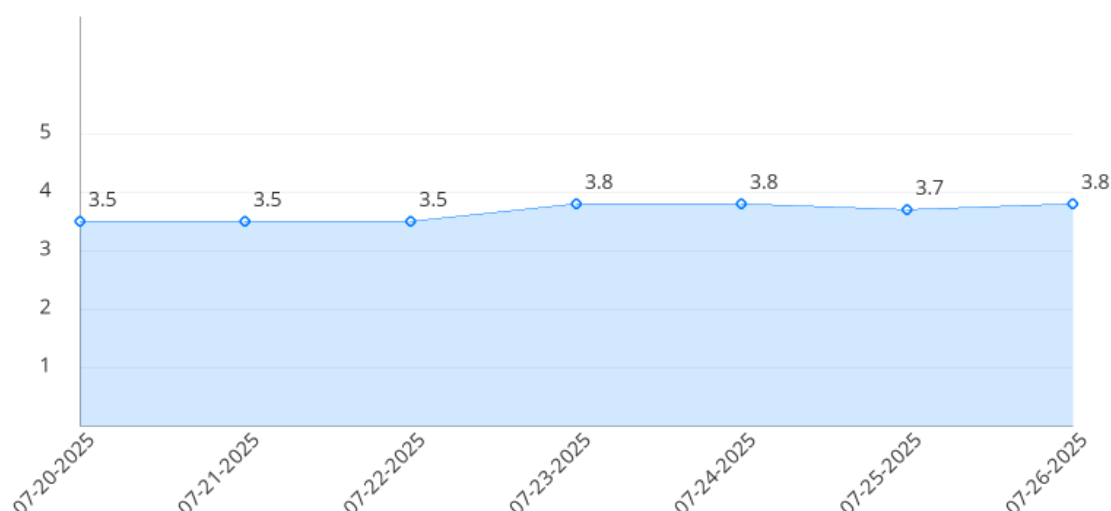
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Artificial Intelligence

Score Trend (Week of July 20–26, 2025)



This week, the risk associated with Artificial Intelligence remains moderate, primarily due to its increasing deployment in sensitive areas such as healthcare and education. Concerns are heightened by issues related to AI alignment, security vulnerabilities, and the potential for misuse. The trend shows a growing focus on AI infrastructure and strategic partnerships, which could lead to a concentration of power. There is also a noticeable governmental push towards AI dominance, accompanied by deregulation efforts, which raises the risk of ethical and safety oversight being compromised. Overall, while advancements in AI capabilities continue, they are balanced by persistent concerns over alignment and cybersecurity threats.



Artificial Intelligence

Recommended Risk Reduction Actions

- **[Government]** Implement comprehensive regulations to ensure AI deployment aligns with ethical standards and public safety, particularly in sensitive sectors.
- **[Industry]** Develop and adopt robust AI safety and alignment protocols to address potential risks of uncontrolled self-improvement and misuse.
- **[NGO]** Advocate for international cooperation to establish global standards for AI safety and ethical use, focusing on preventing concentration of power.
- **[Academia]** Conduct interdisciplinary research on AI alignment and safety to inform policy and guide responsible AI development.
- **[Public]** Engage in informed discussions about AI's role in society to promote awareness and understanding of its potential risks and benefits.



Artificial Intelligence

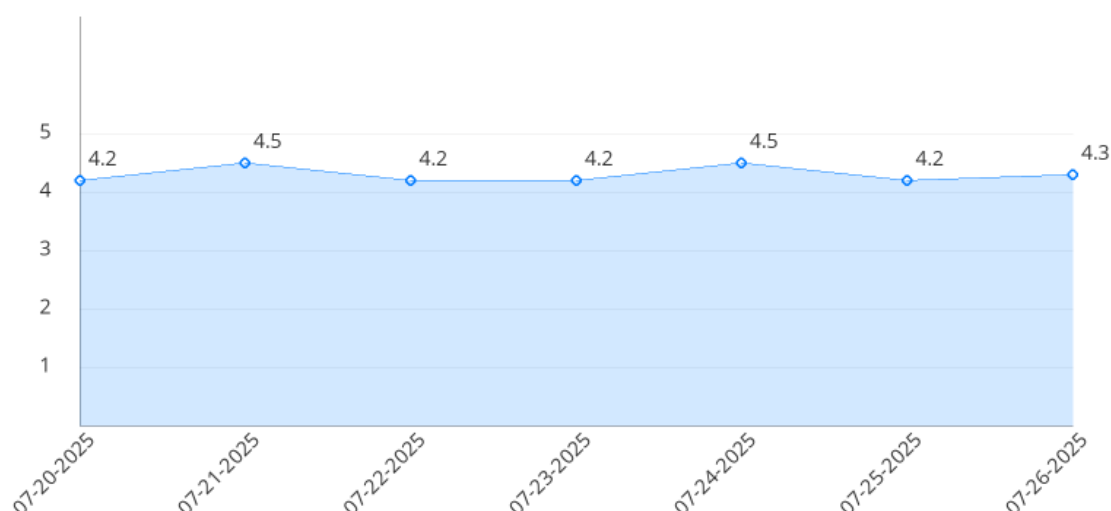
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Climate Change

Score Trend (Week of July 20–26, 2025)



This week, the climate threat level remains high, driven by persistent extreme weather events, rising food prices, and significant policy challenges. The situation is exacerbated by insufficient policy responses and the urgent need for global action, as highlighted by recent international court rulings. These rulings underscore the legal and financial risks for nations failing to address climate change, emphasizing the necessity for immediate and coordinated efforts. The United Nations' top court has ruled that countries must take action on climate change or face legal consequences, further stressing the importance of addressing these challenges. The overall climate risk scores have consistently been above 4.0, indicating a critical need for effective policy implementation and international cooperation.



Climate Change

Recommended Risk Reduction Actions

- **[Government]** Implement and enforce stricter emissions regulations to comply with international legal obligations and reduce climate risks.
- **[Industry]** Invest in sustainable technologies and practices to align with emerging legal standards and mitigate climate-related risks.
- **[NGO]** Increase public awareness campaigns about the legal implications of climate inaction and promote sustainable practices.
- **[International Organizations]** Facilitate cooperation and support for countries to meet their climate obligations, particularly in vulnerable regions.
- **[Education Sector]** Develop and integrate climate change education into curricula to prepare future generations for climate challenges.



Climate Change

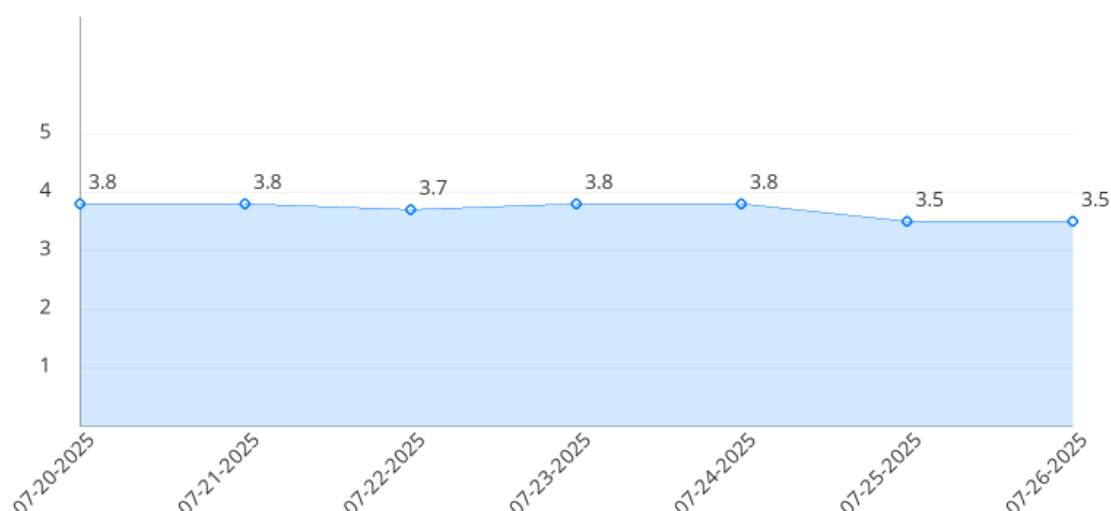
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<i>The ICJ Rules That Failing to Co...</i>	[July 26]	-	Read article



Pandemics

Score Trend (Week of July 20–26, 2025)



This week, the pandemic risk remains moderate, primarily due to rising COVID-19 levels and the emergence of new infectious threats such as H5N1 avian flu and MERS. Vaccine uptake continues to be a significant challenge, particularly among vulnerable groups, exacerbated by increasing public mistrust in health institutions and the spread of misinformation. The persistence of avian flu and measles outbreaks further complicates the public health landscape. Efforts to address these issues are ongoing, with a focus on improving vaccine uptake and enhancing public trust through better communication strategies. Overall, the situation highlights the need for coordinated global efforts to monitor and control infectious diseases effectively.



Pandemics

Recommended Risk Reduction Actions

- **[Government]** Increase funding for public health campaigns to improve vaccine uptake among vulnerable populations and combat misinformation.
- **[NGO]** Support community outreach programs to promote accurate health information and address vaccine hesitancy.
- **[Industry]** Accelerate the development and deployment of new vaccines and antiviral treatments for emerging infectious diseases.
- **[Public Health Agencies]** Enhance surveillance and rapid response capabilities for emerging infectious diseases like H5N1 and MERS.
- **[International Organizations]** Strengthen global cooperation and data sharing to effectively monitor and control cross-border health threats.



Pandemics

Relevant Articles

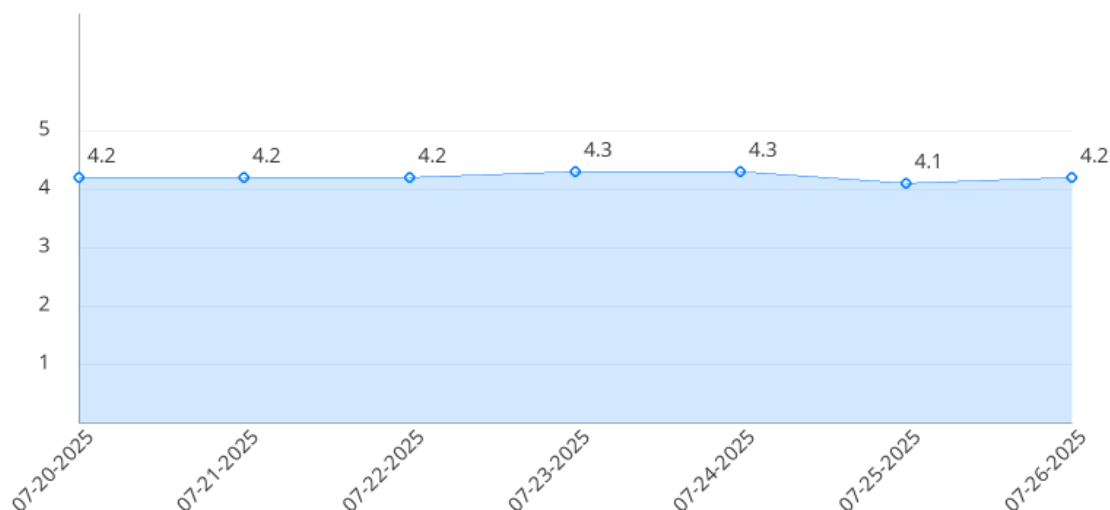
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Information Integrity

Score Trend (Week of July 20–26, 2025)



This week, the global misinformation risk remains high, consistently scoring above 4.0, driven by the widespread dissemination of fake news, political disinformation, and health-related falsehoods. The proliferation of AI-generated deepfakes and fraudulent activities across multiple platforms has exacerbated the situation, impacting public perception and trust. Disinformation campaigns targeting high-profile figures and health issues are particularly prevalent, contributing to the overall threat level. The persistence of these issues highlights the need for robust strategies to detect and counter misinformation effectively.



Information Integrity

Recommended Risk Reduction Actions

- **[Government]** Implement stricter regulations and penalties for the creation and dissemination of deepfakes and fake news, especially in political and health contexts.
- **[Industry]** Enhance AI-driven content verification systems to better detect and flag misinformation and deepfake videos on their platforms.
- **[NGO]** Launch public awareness campaigns to educate citizens on recognizing and reporting misinformation and scams.
- **[Education]** Collaborate with educational institutions to integrate media literacy programs into school curricula to improve the ability of young people to discern misinformation.
- **[Research]** Conduct studies on the psychological and social impacts of misinformation to inform policy and intervention strategies.



Information Integrity

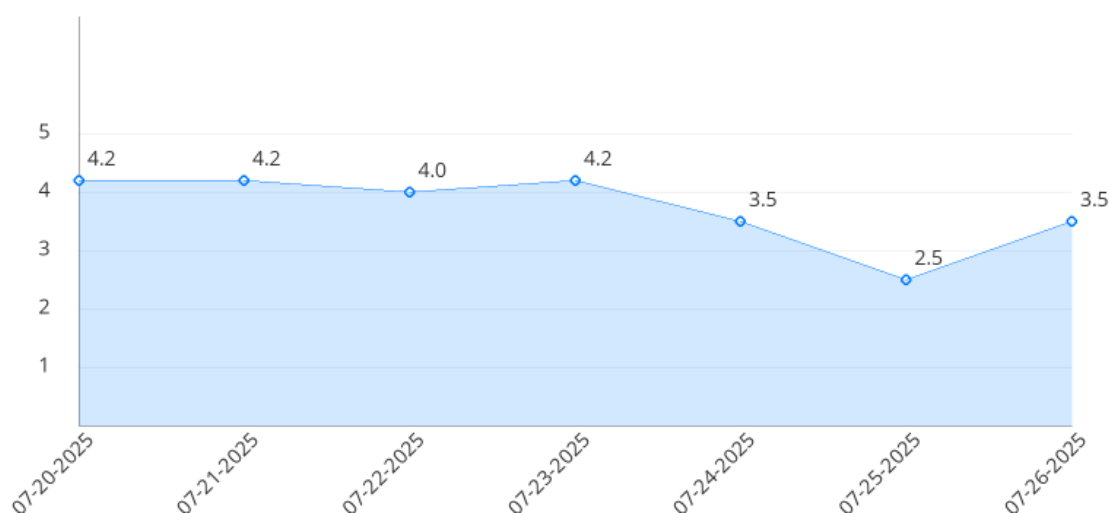
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<i>White House says WSJ report on T...</i>	[July 24]	-	Read article
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Unknown / Black Swan

Score Trend (Week of July 20–26, 2025)



This week, two main existential risks have been highlighted: the increasing threat posed by space debris to global satellite infrastructure and the evolving Russian hybrid operations that pose an existential threat to Europe. The accumulation of space debris continues to be a significant concern, with potential catastrophic impacts on satellite operations that are crucial for global communications and navigation. Concurrently, French intelligence has raised alarms about the hybrid warfare tactics employed by Russia, which could destabilize European security and political structures. Additionally, the International Court of Justice's declaration of climate change as an 'existential threat' marks a pivotal moment in international law, potentially leading to significant geopolitical and environmental shifts. These developments underscore the need for coordinated international efforts to address these complex and interrelated challenges.



Unknown / Black Swan

Recommended Risk Reduction Actions

- **[Government]** Develop and enforce international regulations for space debris mitigation and management.
- **[Industry]** Innovate and deploy technologies for active debris removal from Earth's orbit.
- **[Military]** Enhance intelligence sharing and joint readiness exercises to prepare for hybrid warfare scenarios.
- **[NGO]** Advocate for increased public awareness and engagement on climate issues to build societal support for necessary changes.
- **[International Organizations]** Facilitate dialogue and cooperation among nations to address the legal and economic implications of the ICJ's decision.



Unknown / Black Swan

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Week in Review: July 20–26, 2025



This week's analysis of existential risks across six domains reveals a continuation of heightened concerns, with notable developments in several areas. The nuclear threat remains elevated due to geopolitical tensions and cybersecurity vulnerabilities, particularly involving US and Iranian dynamics. In the realm of Artificial Intelligence, the focus is on the balance between technological advancements and the risks of alignment and security, amid governmental pushes for AI dominance. Climate change risks persist at high levels, driven by extreme weather and legal pressures for policy action, as underscored by recent international court rulings. Pandemic risks are moderate, with challenges in vaccine uptake and emerging infectious threats like H5N1 and MERS. Information integrity issues remain critical, with misinformation and disinformation campaigns impacting public trust. Lastly, the accumulation of space debris and Russian hybrid operations highlight emerging concerns in the Unknown/Black Swan category, emphasizing the need for coordinated global responses to these multifaceted threats.



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.