



PANTHRISK WEEKLY RISK REPORT

Week of August 24–30, 2025

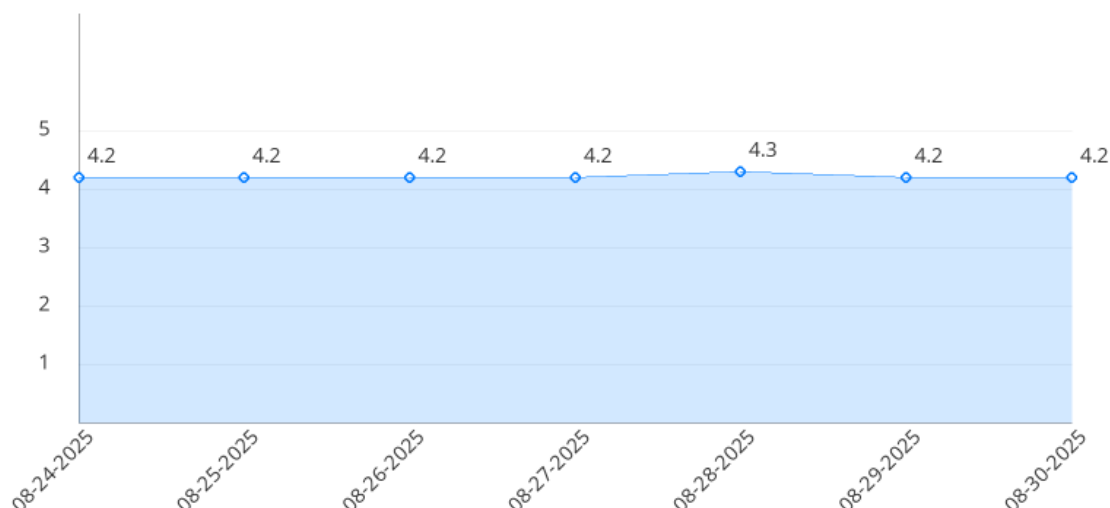
Pantrisk monitors humanity's most serious existential threats using curated news sources and AI-assisted analysis. Each day, our models evaluate key global developments, generate risk-level assessments, and propose actionable interventions. This weekly report summarizes the trends, risk shifts, and notable insights from August 24–30, 2025 across all tracked categories.

Generated: August 30, 2025



Nuclear War

Score Trend (Week of August 24–30, 2025)



This week, the global nuclear threat level remains elevated due to several factors, including the modernization of nuclear arsenals, heightened geopolitical tensions, and the destabilizing influence of emerging technologies such as artificial intelligence. Specific developments contributing to this heightened threat include Russia's nuclear threats, North Korea's missile advancements, and China's nuclear expansion. The erosion of arms control agreements and reduced communication channels between nuclear-armed states further exacerbate the situation. The integration of AI into nuclear strategies is particularly concerning, as it introduces new risks of miscalculation and escalation. Overall, the combination of these factors has led to a consistent threat level score of 4.2 to 4.3 throughout the week.



Nuclear War

Recommended Risk Reduction Actions

- **[Government]** Facilitate urgent multilateral discussions to renew and expand arms control treaties, focusing on including emerging nuclear states and addressing new technologies.
- **[NGO]** Launch public awareness campaigns on the risks of AI integration in nuclear command systems and advocate for international regulations to ensure safe deployment.
- **[Industry]** Develop and implement robust AI ethics frameworks to prevent misuse in military applications, ensuring human oversight and control.
- **[Diplomatic Community]** Enhance crisis communication channels between nuclear-armed states to prevent misunderstandings and accidental escalations.
- **[Academia]** Conduct research and provide recommendations on the safe integration of AI in nuclear command and control systems to inform policy and protocol development.



Nuclear War

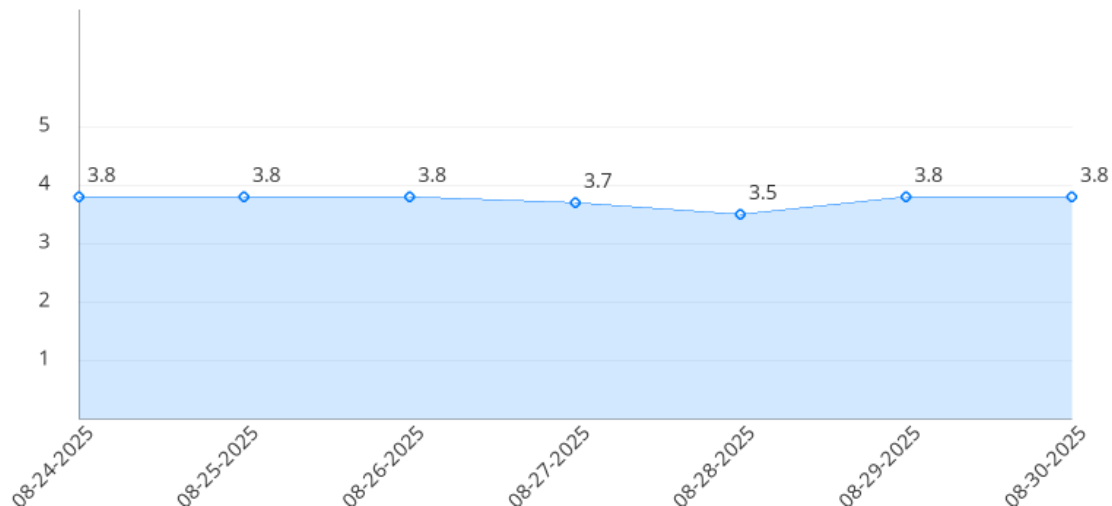
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<i>AI and misinformation are superc...</i>	[August 25]	-	Read article
<i>Iranian Historian Mohammad Hosse...</i>	[August 26]	-	Read article
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<i>North Korea Guided-Missile Destr...</i>	[August 26]	-	Read article
<i>US Uncovers Russian Plot to Acqu...</i>	[August 26]	-	Read article
<i>Putin visits center for nuclear ...</i>	[August 27]	-	Read article
<i>South Korea's Plan To Stop North...</i>	[August 27]	-	Read article
<i>Rosatom Chief Issues Russia Nucl...</i>	[August 27]	-	Read article
<i>North Korea Guided-Missile Destr...</i>	[August 27]	-	Read article
<i>Putin praises Trump's peace effo...</i>	[August 27]	-	Read article
<i>Kim Jong Un CHALLENGES Trump, Se...</i>	[August 28]	-	Read article
<i>Rosatom Chief Issues Russia Nucl...</i>	[August 28]	-	Read article
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<i>Nobel laureates, other experts s...</i>	[August 29]	-	Read article
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<i>North Korea Guided-Missile Destr...</i>	[August 30]	-	Read article
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Artificial Intelligence



Score Trend (Week of August 24–30, 2025)



This week, the moderate AI risk level is driven by the rapid deployment of advanced AI models like GPT-5 and Gemini, alongside ongoing advancements in AI capabilities. Concerns focus on alignment, misuse, and the concentration of power, particularly in military and privacy contexts. Efforts to establish regulatory frameworks continue, but challenges persist in ensuring safety and ethical use. The consistent risk score reflects a balance between technological progress and the need for robust safety evaluations and regulatory discussions.



Artificial Intelligence

Recommended Risk Reduction Actions

- **[Government]** Accelerate the development and implementation of comprehensive AI regulations to address both immediate and long-term risks.
- **[Industry]** Enhance transparency and collaboration with independent researchers to ensure robust safety measures for advanced AI models.
- **[NGO]** Advocate for global cooperation and frameworks to manage AI risks and ensure equitable access to AI technologies.
- **[Academia]** Conduct interdisciplinary research on AI alignment and control to address potential existential risks.
- **[Public]** Engage in discussions and education about AI risks and benefits to foster informed decision-making.



Artificial Intelligence

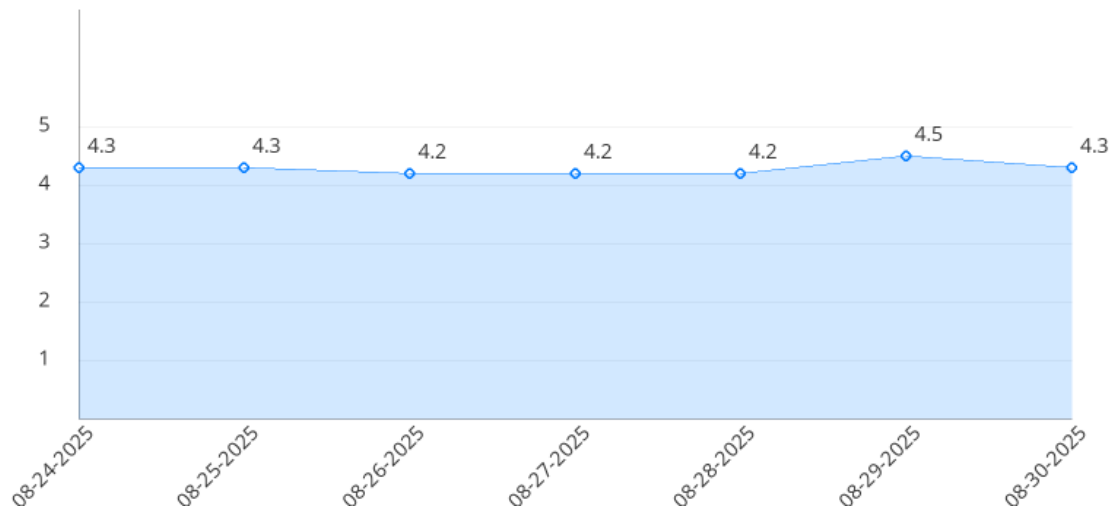
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Climate Change



Score Trend (Week of August 24–30, 2025)



This week, the climate threat level remained high due to a combination of factors including extreme weather events, policy backsliding, and ecosystem disruptions. The recovery of the ozone layer is contributing to global warming, while Europe faces challenges in maintaining climate policies. Rising workplace heat stress and health impacts are also significant concerns. The ongoing extreme weather events, such as wildfires and hurricanes, further exacerbate the vulnerabilities of ecosystems and global stability. Overall, the climate risk score fluctuated between 4.2 and 4.5, indicating a persistent high threat level.



Climate Change

Recommended Risk Reduction Actions

- **[Government]** Implement stricter regulations to address policy backsliding and ensure adherence to climate agreements.
- **[Industry]** Invest in climate-resilient infrastructure and technologies to mitigate the impacts of extreme weather events.
- **[NGO]** Increase public awareness campaigns on the health impacts of climate change and promote community adaptation strategies.
- **[Research Institutions]** Conduct studies on the implications of ozone recovery on climate change to inform policy decisions.
- **[International Organizations]** Facilitate global cooperation and funding for climate adaptation projects in vulnerable regions.



Climate Change

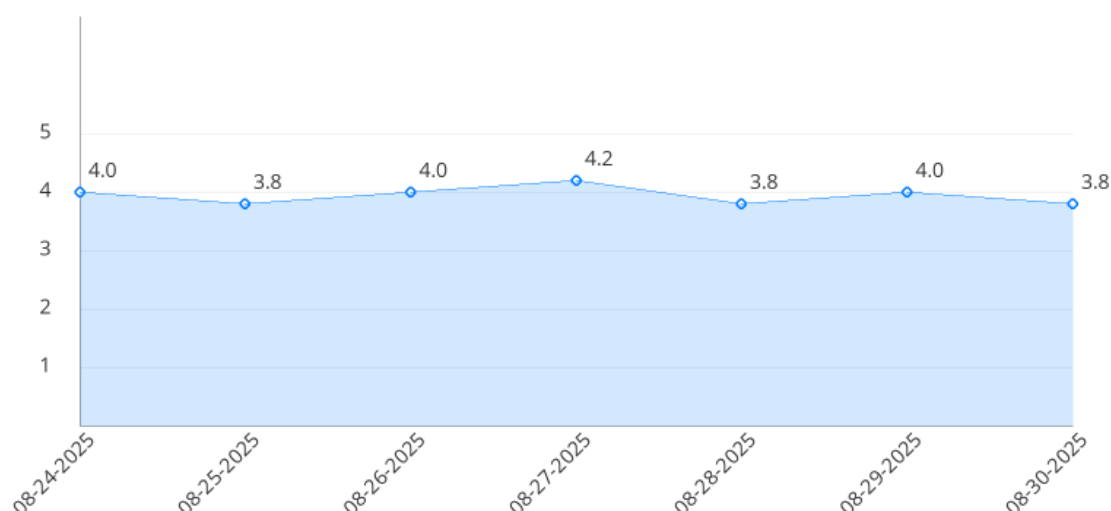
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<i>Ozone recovery will amplify near...</i>	[August 24]	-	Read article
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<i>E&E News: Green backsliding is w...</i>	[August 24]	-	Read article
<i>Ozone recovery could trigger 40%...</i>	[August 24]	-	Read article
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<i>Climate change could wipe out mo...</i>	[August 27]	-	Read article
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<i>Tropical deforestation is associ...</i>	[August 28]	-	Read article
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<i>Flesh-eating bacteria cases are ...</i>	[August 28]	-	Read article
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<i>UN Climate Change Banking Allian...</i>	[August 29]	-	Read article
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<i>Healing Ozone Layer Could Trigge...</i>	[August 30]	-	Read article
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<i>Climate change made deadly wildf...</i>	[August 30]	-	Read article
<i>We now know just how much climat...</i>	[August 30]	-	Read article
<i>Deadly wildfires in southern Eur...</i>	[August 30]	-	Read article



Pandemics

Score Trend (Week of August 24–30, 2025)



This week, the pandemic risk has fluctuated between moderate and high due to a combination of rising COVID-19 cases, ongoing avian flu outbreaks, and emerging infectious diseases such as MERS. Vaccine misinformation and hesitancy continue to pose significant challenges, affecting public health responses and vaccination efforts. Additionally, there have been notable outbreaks of diseases like measles and Legionnaires' disease, as well as a significant salmonella outbreak linked to eggs. These factors contribute to the overall elevated pandemic risk, necessitating coordinated efforts to enhance surveillance, improve vaccine uptake, and manage misinformation.



Pandemics

Recommended Risk Reduction Actions

- **[Government]** Enhance surveillance and reporting systems for COVID-19 and emerging infectious diseases like avian flu and MERS to ensure timely detection and response.
- **[Public Health Agencies]** Intensify public health campaigns to combat vaccine misinformation and promote vaccination uptake, focusing on the safety and efficacy of vaccines.
- **[Healthcare Providers]** Prioritize monitoring and treatment of long COVID and other associated health impacts to reduce long-term healthcare burdens.
- **[NGO]** Support community outreach programs to address vaccine hesitancy and misinformation, particularly in regions with low vaccine coverage.
- **[Industry]** Accelerate the development and deployment of new vaccines and treatments for emerging infectious diseases to improve pandemic preparedness.



Pandemics

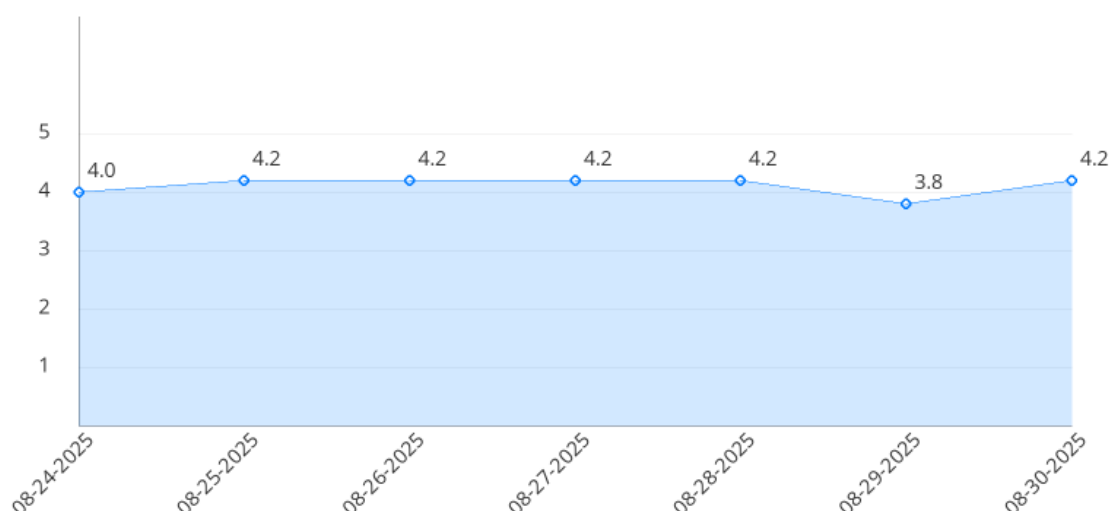
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Wisconsin measles outbreak grows... [August 25] – [Read article](#)
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US COVID activity gains more steam [August 26] – [Read article](#)
Cambodia announces 15th human H5... [August 26] – [Read article](#)
Woman dies from brain ameba afte... [August 26] – [Read article](#)
After 17 die in measles outbreak... [August 26] – [Read article](#)
Indonesia reports 17 deaths in m... [August 26] – [Read article](#)
NYC Legionnaires' Outbreak: 6 De... [August 26] – [Read article](#)
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US COVID activity gains more steam [August 27] – [Read article](#)
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H5N1 avian flu hospitalizes Camb... [August 27] – [Read article](#)
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Data shows vax rates dropped in ... [August 27] – [Read article](#)
FDA OKs updated COVID vaccines b... [August 28] – [Read article](#)
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Legionnaires' disease outbreak: ... [August 29] – [Read article](#)
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US COVID-19 levels continue to c... [August 30] – [Read article](#)
RFK Jr deputy named CDC acting d... [August 30] – [Read article](#)
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Information Integrity

Score Trend (Week of August 24–30, 2025)



This week, the global threat level from misinformation and disinformation remains consistently high, primarily driven by deepfakes, AI-generated content, and widespread falsehoods across political and health sectors. The risk fluctuated slightly, with a moderate score observed on one occasion, but overall, the threat persists at a high level. The proliferation of fake news, fraudulent activities, and politically charged false narratives continues to impact public perception and trust globally. Efforts to combat these challenges include enhancing AI detection systems, increasing fact-checking efforts, and promoting media literacy. However, the effectiveness of these measures remains a critical concern as misinformation continues to affect public safety and political narratives.



Information Integrity

Recommended Risk Reduction Actions

- **[Government]** Implement stricter regulations and penalties for the creation and distribution of deepfakes and AI-generated misinformation.
- **[Industry]** Enhance AI and machine learning algorithms to better detect and flag misleading content on their platforms.
- **[NGO]** Increase investment in fact-checking and verification processes to ensure the accuracy of published content.
- **[Education]** Develop and integrate media literacy programs to educate the public on identifying and critically evaluating misinformation.
- **[International Organizations]** Collaborate internationally to share best practices and resources for combating misinformation and supporting media integrity.



Information Integrity

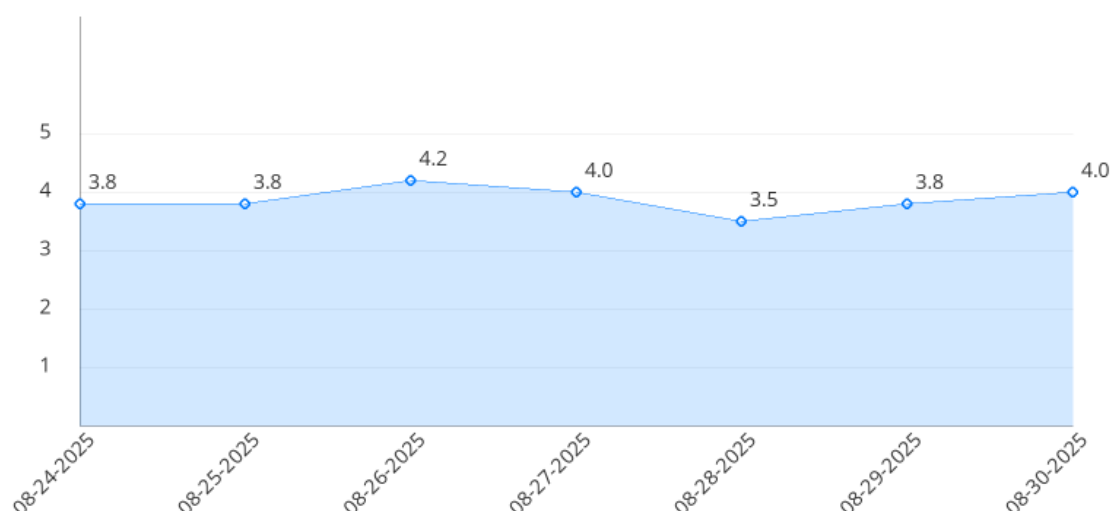
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<i>Hundreds of HHS staff sign lette...</i>	[August 25]	- Read article
<i>Fake Active Shooter Calls Target...</i>	[August 26]	- Read article
<i>Pizza Joint Overwhelmed With Ang...</i>	[August 26]	- Read article
<i>Trump calls for FCC retribution ...</i>	[August 26]	- Read article
<i>Phishing Campaign Uses UpCrypter...</i>	[August 26]	- Read article
<i>Trump threatens broadcast networ...</i>	[August 26]	- Read article
<i>Unpacking rumor Trump and RFK Jr...</i>	[August 27]	- Read article
<i>TikTok posts - As police clear D...</i>	[August 27]	- Read article
<i>A Spate of Fake Shooting Calls D...</i>	[August 27]	- Read article
<i>Google, Apple and others need to...</i>	[August 27]	- Read article
<i>A wave of active shooter hoaxes ...</i>	[August 27]	- Read article
<i>Swatting hoaxes are luring polic...</i>	[August 28]	- Read article
<i>Vaccine misinformation led to an...</i>	[August 28]	- Read article
<i>Japan denies promoting immigrati...</i>	[August 28]	- Read article
<i>Iowa telepharmacy fined \$25,000 ...</i>	[August 28]	- Read article
<i>A wave of active shooter hoaxes ...</i>	[August 28]	- Read article
<i>Vance claimed every major confli...</i>	[August 29]	- Read article
<i>Trump didn't 'cancel cancer rese...</i>	[August 29]	- Read article
<i>CDC chaos leaves Orthodox Jewish...</i>	[August 29]	- Read article
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<i>Federal minister blames auto and...</i>	[August 29]	- Read article
<i>From Deepfake Interviews To Fake...</i>	[August 30]	- Read article
<i>El Paso Sector warns of dangerou...</i>	[August 30]	- Read article
<i>Fake images of PM Meloni and oth...</i>	[August 30]	- Read article
<i>Feds Seize \$6.4M VerifTools Fake...</i>	[August 30]	- Read article
<i>TamperedChef Malware Disguised a...</i>	[August 30]	- Read article



Unknown / Black Swan

Score Trend (Week of August 24–30, 2025)



This week, several significant existential threats have been highlighted, including geopolitical instability due to displacements in Gaza, critical staffing shortages in India's aviation sector, and the emergence of novel zoonotic diseases. Additionally, the potential eruption of Mount Fuji has been identified as a Black Swan risk with unpredictable consequences. The UN has also emphasized climate change as an existential threat, underscoring the need for urgent global action to mitigate its impacts. These developments point to a range of unpredictable and potentially catastrophic events that require coordinated international efforts to address effectively.



Unknown / Black Swan

Recommended Risk Reduction Actions

- **[Government]** Increase diplomatic efforts and provide humanitarian aid to address the displacement crisis in Gaza and prevent further geopolitical instability.
- **[Industry]** Prioritize recruitment and training in India's aviation sector to address critical staffing shortages and ensure global air travel safety.
- **[Healthcare]** Enhance surveillance and rapid response strategies for novel zoonotic diseases to prevent potential global health crises.
- **[Research]** Conduct comprehensive risk assessments and simulations for potential Mount Fuji eruptions to prepare for and mitigate global impacts.
- **[International Organizations]** Advocate for robust climate policies and international cooperation to address the existential threat posed by climate change.



Unknown / Black Swan

Relevant Articles

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Week in Review: August 24–30, 2025

This week, existential risk trends across various domains highlight a consistent level of concern, with several areas experiencing elevated threat levels. In the nuclear domain, the modernization of arsenals and geopolitical tensions, particularly involving Russia, North Korea, and China, maintain a high threat level, exacerbated by the integration of AI into nuclear strategies. AI risks are moderate, driven by rapid advancements and concerns over alignment and misuse, while regulatory frameworks are still under development. Climate change remains a high threat due to extreme weather events and policy challenges, with scores fluctuating between 4.2 and 4.5. Pandemic risks are elevated due to rising COVID-19 cases and other infectious diseases, compounded by vaccine misinformation. Information integrity threats persist at a high level, primarily due to misinformation and disinformation, despite efforts to enhance detection and media literacy. Lastly, the unknown or Black Swan category highlights geopolitical instability, staffing shortages, and potential natural disasters, underscoring the need for coordinated international responses to these unpredictable 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.