



PANTHRISK WEEKLY RISK REPORT

Week of August 10–16, 2025

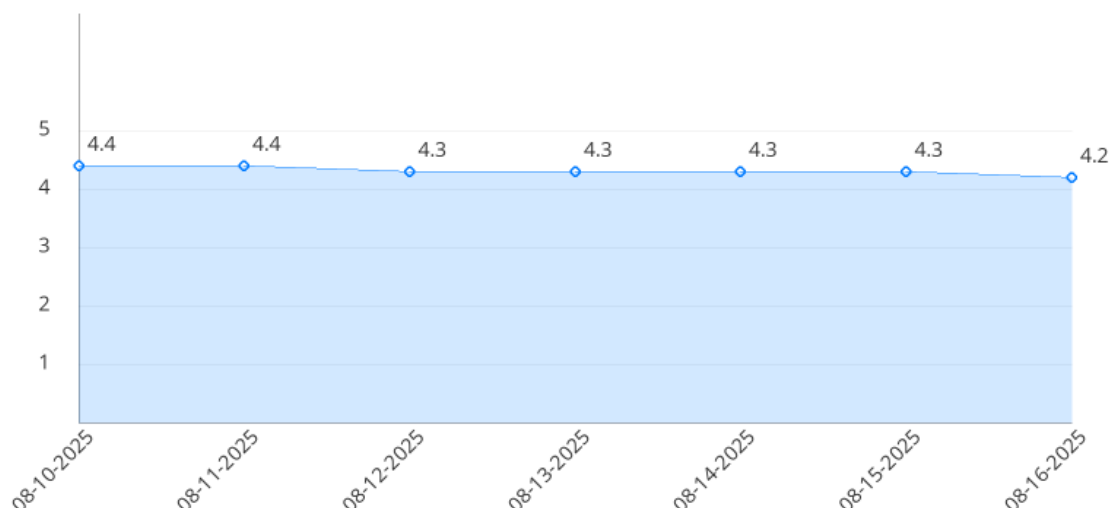
Pantrisk monitors humanity's most serious existential threats using curated news sources and AI-assisted analysis. Each day, our models evaluate key global developments, generate risk-level assessments, and propose actionable interventions. This weekly report summarizes the trends, risk shifts, and notable insights from August 10–16, 2025 across all tracked categories.

Generated: August 16, 2025



Nuclear War

Score Trend (Week of August 10–16, 2025)



This week, the nuclear threat level remains elevated due to a combination of escalating geopolitical tensions, modernization of nuclear arsenals, and the erosion of arms control agreements. The integration of emerging technologies, such as AI, into nuclear command systems further complicates the situation, raising concerns about accidental or unauthorized launches. Recent military exercises involving nuclear capabilities and warnings from historical sites like Nagasaki underscore the urgency of addressing these risks. The lack of diplomatic engagement and reduced communication channels between nuclear-armed states exacerbate the potential for misunderstandings and escalation.



Nuclear War

Recommended Risk Reduction Actions

- **[Government]** Facilitate urgent multilateral talks to renew and strengthen arms control agreements, focusing on reducing nuclear arsenals and managing emerging technologies.
- **[NGO]** Advocate for increased public awareness and education on the risks of nuclear weapons and the importance of disarmament to pressure governments into action.
- **[Industry]** Develop and implement robust safeguards for AI systems involved in nuclear command and control to prevent unauthorized use.
- **[International Organizations]** Enhance crisis communication channels between nuclear-armed states to prevent misunderstandings and manage potential crises effectively.
- **[Academia]** Conduct research and promote technologies that enhance verification and monitoring capabilities for nuclear arms control agreements.



Nuclear War

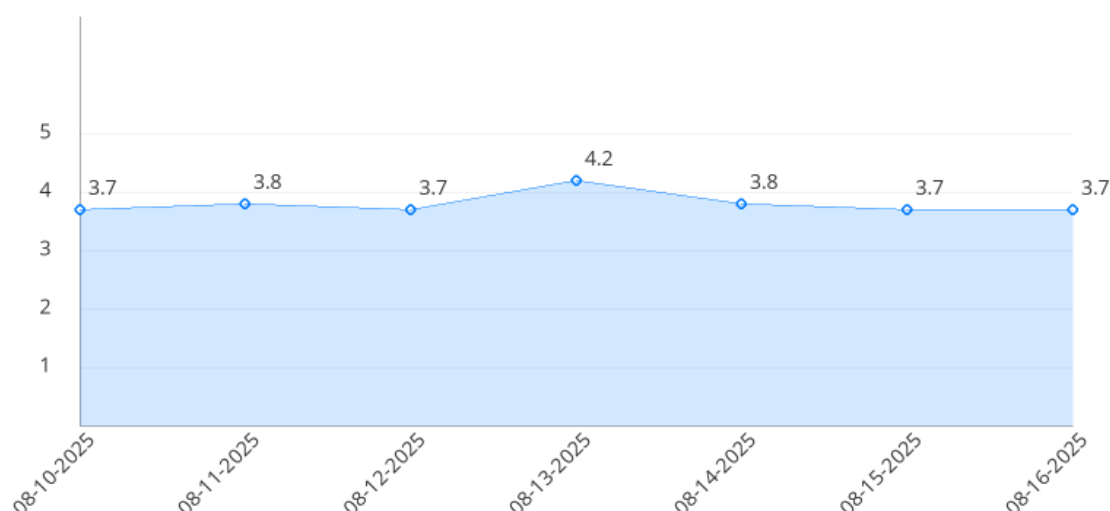
Relevant Articles

B61-13 first production unit com... [August 10] – [Read article](#)
How big will China's nuclear ars... [August 10] – [Read article](#)
NATO Country Issues Nuclear War ... [August 10] – [Read article](#)
With only one nuclear arms pact ... [August 10] – [Read article](#)
U.S. and Russia nuclear war to s... [August 10] – [Read article](#)
With only one nuclear arms pact ... [August 11] – [Read article](#)
U.S. and Russia nuclear war to s... [August 11] – [Read article](#)
Wester: World must disarm nuclea... [August 11] – [Read article](#)
How big will China's nuclear ars... [August 12] – [Read article](#)
Pope Francis Denounced It, but t... [August 12] – [Read article](#)
NATO Country Issues Nuclear War ... [August 12] – [Read article](#)
80 years after Hiroshima and Nag... [August 12] – [Read article](#)
Experts Warn That AI Is Getting ... [August 12] – [Read article](#)
How big will China's nuclear ars... [August 13] – [Read article](#)
Russia Has 'Strong Incentive' To... [August 13] – [Read article](#)
The Evolution of Russian Nuclear... [August 13] – [Read article](#)
NATO Country Issues Nuclear War ... [August 13] – [Read article](#)
80 years after Hiroshima and Nag... [August 13] – [Read article](#)
Belarus confirms nuclear weapons... [August 14] – [Read article](#)
Russia Has 'Strong Incentive' To... [August 14] – [Read article](#)
8 Decades After Hiroshima and Na... [August 14] – [Read article](#)
Pope Francis Denounced It, but t... [August 14] – [Read article](#)
Nagasaki mayor warns of nuclear ... [August 14] – [Read article](#)
B61-13 first production unit com... [August 15] – [Read article](#)
Belarus and russia plan to pract... [August 15] – [Read article](#)
Russia Announces Nuclear Deploym... [August 15] – [Read article](#)
Zapad-2025 military drills inclu... [August 15] – [Read article](#)
Russia Has 'Strong Incentive' To... [August 15] – [Read article](#)
Explainer-Why is Putin talking a... [August 16] – [Read article](#)
Russia Has 'Strong Incentive' To... [August 16] – [Read article](#)
The Evolution of Russian Nuclear... [August 16] – [Read article](#)
Nuclear Experts Say Mixing AI an... [August 16] – [Read article](#)
NATO Country Issues Nuclear War ... [August 16] – [Read article](#)



Artificial Intelligence

Score Trend (Week of August 10–16, 2025)



This week, the rapid deployment and integration of advanced AI models like GPT-5 across various sectors, including government and education, have been the focal point of discussions. These developments underscore the potential transformative benefits of AI but also highlight significant risks related to AI alignment, security, and the concentration of power. Concerns have been raised about the potential for misuse and alignment failures, particularly as strategic partnerships and regulatory challenges emerge. Initiatives for open-weight models further complicate the landscape by raising questions about safety and ethical deployment. Overall, the discourse emphasizes the need for comprehensive regulatory frameworks and robust safety measures to mitigate these risks.



Artificial Intelligence

Recommended Risk Reduction Actions

- **[Government]** Implement comprehensive regulatory frameworks to ensure AI systems are aligned with public interest and ethical standards.
- **[Industry]** Develop and enforce robust safety and alignment protocols for AI deployment in critical sectors such as healthcare and government.
- **[Academia]** Conduct interdisciplinary research to explore the societal impacts of AI deployment and propose strategies to mitigate associated risks.
- **[NGO]** Advocate for transparency and accountability in AI development and deployment to prevent misuse and ensure public trust.
- **[International Organizations]** Facilitate global cooperation on AI safety standards to address cross-border risks and ensure responsible AI innovation.



Artificial Intelligence

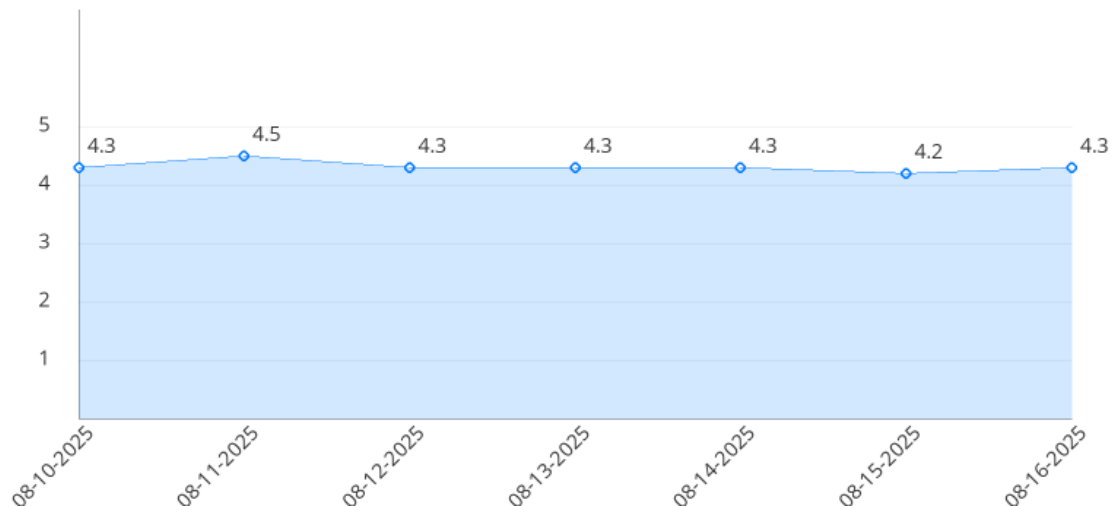
Relevant Articles

GPT-5 and the new era of work [August 10] – [Read article](#)
Providing ChatGPT to the Entire ... [August 10] – [Read article](#)
Estimating worst case frontier r... [August 10] – [Read article](#)
OpenAI and UK Government announc... [August 10] – [Read article](#)
Toward understanding and prevent... [August 10] – [Read article](#)
GPT-5 and the new era of work [August 11] – [Read article](#)
Providing ChatGPT to the Entire ... [August 11] – [Read article](#)
Estimating worst case frontier r... [August 11] – [Read article](#)
OpenAI and UK Government announc... [August 11] – [Read article](#)
Taking a responsible path to AGI [August 11] – [Read article](#)
Introducing GPT-5 for developers [August 12] – [Read article](#)
Providing ChatGPT to the Entire ... [August 12] – [Read article](#)
Estimating worst case frontier r... [August 12] – [Read article](#)
Toward understanding and prevent... [August 12] – [Read article](#)
Evaluating potential cybersecuri... [August 12] – [Read article](#)
OpenAI's letter to Governor News... [August 13] – [Read article](#)
Introducing GPT-5 for developers [August 13] – [Read article](#)
Estimating worst case frontier r... [August 13] – [Read article](#)
OpenAI and UK Government announc... [August 13] – [Read article](#)
Meta AI takes first step to supe... [August 13] – [Read article](#)
Introducing GPT-5 for developers [August 14] – [Read article](#)
Providing ChatGPT to the Entire ... [August 14] – [Read article](#)
Open Weights and AI for All [August 14] – [Read article](#)
Estimating worst case frontier r... [August 14] – [Read article](#)
Evaluating potential cybersecuri... [August 14] – [Read article](#)
OpenAI's letter to Governor News... [August 15] – [Read article](#)
GPT-5 and the new era of work [August 15] – [Read article](#)
From hard refusals to safe-compl... [August 15] – [Read article](#)
Open Weights and AI for All [August 15] – [Read article](#)
Toward understanding and prevent... [August 15] – [Read article](#)
OpenAI's letter to Governor News... [August 16] – [Read article](#)
GPT-5 and the new era of work [August 16] – [Read article](#)
Medical research with GPT-5 [August 16] – [Read article](#)
Providing ChatGPT to the Entire ... [August 16] – [Read article](#)
Estimating worst case frontier r... [August 16] – [Read article](#)

Climate Change



Score Trend (Week of August 10–16, 2025)



This week, the climate risk level has consistently been high, driven by a series of extreme weather events, rapid biodiversity loss, and inadequate policy responses. The impacts are notably severe in terms of groundwater depletion, coral loss, and threats to agriculture and food security. The situation is exacerbated by a lack of effective policy measures, which are failing to address the escalating risks associated with global warming and ecosystem tipping points. The trend underscores the urgent need for comprehensive policy action and global cooperation to mitigate these risks and support affected regions.



Climate Change

Recommended Risk Reduction Actions

- **[Government]** Implement and enforce stricter climate policies to reduce emissions and transition to renewable energy sources.
- **[NGO]** Increase public awareness campaigns on the impacts of climate change and promote community resilience strategies.
- **[Industry]** Invest in sustainable technologies and practices to reduce carbon footprints and enhance resilience against climate impacts.
- **[Academia]** Conduct studies on ecosystem tipping points to inform conservation strategies and prevent irreversible damage.
- **[International Organizations]** Facilitate global cooperation and funding for climate adaptation and disaster risk reduction initiatives.



Climate Change

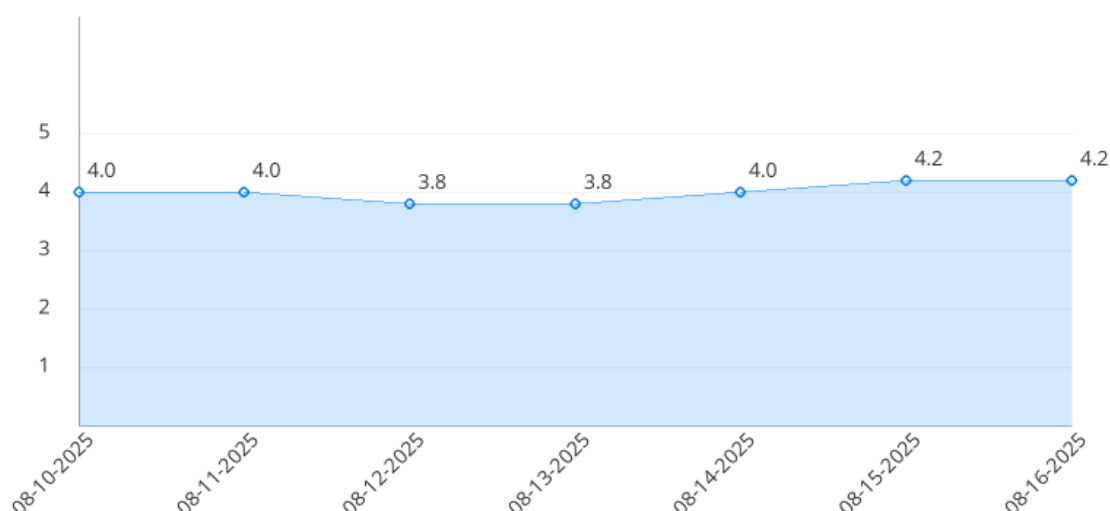
Relevant Articles

<i>E&E News: Global warming worsene...</i>	[August 10]	- Read article
<i>E&E News: Great Barrier Reef rec...</i>	[August 10]	- Read article
<i>The start of California's fire s...</i>	[August 10]	- Read article
<i>The Southwest is rapidly losing ...</i>	[August 10]	- Read article
<i>E&E News: This July was Earth's ...</i>	[August 10]	- Read article
<i>Wildfire Sweeps Through Southern...</i>	[August 11]	- Read article
<i>Widespread Smoke from Canadian F...</i>	[August 11]	- Read article
<i>Climate change brings more rapid...</i>	[August 11]	- Read article
<i>Freeman: Trump's EPA proposes to...</i>	[August 11]	- Read article
<i>'Like a creeping mold that's spr...</i>	[August 11]	- Read article
<i>New UCLA Study Shows Human-Cause...</i>	[August 11]	- Read article
<i>Climate change drives increase i...</i>	[August 11]	- Read article
<i>Southeast Asia's cities at 'high...</i>	[August 12]	- Read article
<i>Climate Change Has Laid Waste to...</i>	[August 12]	- Read article
<i>The Battle to Save Burgundy's Vi...</i>	[August 12]	- Read article
<i>'Like a creeping mold that's spr...</i>	[August 12]	- Read article
<i>A Few Degrees Increase in Global...</i>	[August 12]	- Read article
<i>Sprawling Gifford Fire Scorches ...</i>	[August 13]	- Read article
<i>Wildfire Sweeps Through Southern...</i>	[August 13]	- Read article
<i>July keeps the torrid pace going...</i>	[August 13]	- Read article
<i>Climate polluters may be allowed...</i>	[August 13]	- Read article
<i>Amazon rainforest is approaching...</i>	[August 13]	- Read article
<i>Reindeer populations could plumm...</i>	[August 14]	- Read article
<i>Biodiversity Loss May Drive Clim...</i>	[August 14]	- Read article
<i>Child malnutrition is a sign of ...</i>	[August 14]	- Read article
<i>E&E News: Parts of Europe burn a...</i>	[August 14]	- Read article
<i>California peach harvests are do...</i>	[August 14]	- Read article
<i>Sprawling Gifford Fire Scorches ...</i>	[August 15]	- Read article
<i>Se espera que Erin se convierta ...</i>	[August 15]	- Read article
<i>Bowhead whales are losing habita...</i>	[August 15]	- Read article
<i>Africa's Blood-Stained Great Mig...</i>	[August 15]	- Read article
<i>Floods from melting glacier in J...</i>	[August 15]	- Read article
<i>Will climate insurance save us o...</i>	[August 15]	- Read article
<i>As Canada wildfires choke US wit...</i>	[August 15]	- Read article
<i>Jammu & Kashmir Faces Rising Ext...</i>	[August 16]	- Read article
<i>Global warming changed the Pacif...</i>	[August 16]	- Read article
<i>Climate change is giving ticks a...</i>	[August 16]	- Read article
<i>Is climate change turning India'...</i>	[August 16]	- Read article
<i>US Guts Criticism of Indigenous ...</i>	[August 16]	- Read article



Pandemics

Score Trend (Week of August 10–16, 2025)



This week, the pandemic risk level has fluctuated between high and moderate, primarily due to increasing COVID-19 activity and the emergence of other infectious diseases such as chikungunya, H5N1, MERS, and Legionnaires' disease. Vaccine hesitancy and misinformation continue to be significant challenges, impacting the uptake of vaccines and booster shots. Additionally, severe outbreaks of cholera in Sudan and Legionnaires' disease in New York City have contributed to the heightened risk levels. The persistence of these issues underscores the need for enhanced public health campaigns, improved surveillance, and rapid response measures to manage and contain these threats effectively.



Pandemics

Recommended Risk Reduction Actions

- **[Government]** Increase funding for public health campaigns to promote vaccination and counter misinformation, focusing on COVID-19 boosters and vaccines for emerging diseases.
- **[NGO]** Partner with local communities to develop culturally appropriate communication strategies that address vaccine hesitancy and misinformation.
- **[Industry]** Accelerate the development and deployment of vaccines and therapeutics for emerging infectious diseases, including H5N1 and MERS.
- **[International Organizations]** Collaborate with countries experiencing severe outbreaks, such as Sudan, to provide resources and expertise for containment and management.
- **[Healthcare Providers]** Enhance surveillance and testing capabilities for COVID-19, polio, and measles to ensure rapid detection and response to outbreaks.



Pandemics

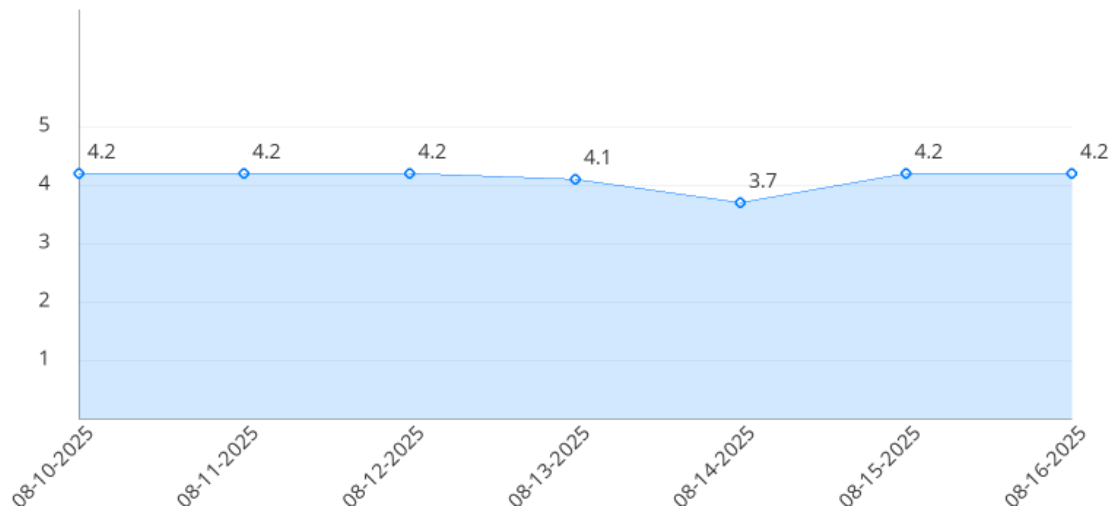
Relevant Articles

US COVID activity gains more steam [August 10] – [Read article](#)
KFF poll shows most Americans pl... [August 10] – [Read article](#)
Quick Takes: US COVID uptick, ne... [August 10] – [Read article](#)
US COVID activity gains more steam [August 10] – [Read article](#)
NYC Legionnaires' disease outbre... [August 10] – [Read article](#)
7,000 Sickened From Chikungunya ... [August 10] – [Read article](#)
US COVID activity gains more steam [August 11] – [Read article](#)
KFF poll shows most Americans pl... [August 11] – [Read article](#)
Cambodia announces 15th human H5... [August 11] – [Read article](#)
Saudi Arabia confirms 9 MERS cas... [August 11] – [Read article](#)
World Health Assembly adopts Pan... [August 11] – [Read article](#)
Chikungunya outbreak in China - ... [August 11] – [Read article](#)
7,000 Sickened From Chikungunya ... [August 11] – [Read article](#)
COVID pandemic disrupted progres... [August 12] – [Read article](#)
KFF poll shows most Americans pl... [August 12] – [Read article](#)
Quick Takes: US COVID uptick, ne... [August 12] – [Read article](#)
US COVID activity gains more steam [August 12] – [Read article](#)
Saudi Arabia confirms 9 MERS cas... [August 12] – [Read article](#)
WHO notes 4 new MERS cases, 2 fa... [August 12] – [Read article](#)
WHO reports new MERS case in Sau... [August 12] – [Read article](#)
COVID vaccine may boost antibody... [August 12] – [Read article](#)
COVID pandemic disrupted progres... [August 13] – [Read article](#)
US COVID activity gains more steam [August 13] – [Read article](#)
KFF poll shows most Americans pl... [August 13] – [Read article](#)
Saudi Arabia confirms 9 MERS cas... [August 13] – [Read article](#)
WHO notes 4 new MERS cases, 2 fa... [August 13] – [Read article](#)
HHS awards \$590 million to Moder... [August 13] – [Read article](#)
US COVID activity gains more steam [August 14] – [Read article](#)
KFF poll shows most Americans pl... [August 14] – [Read article](#)
Disadvantaged COVID survivors at... [August 14] – [Read article](#)
Combo antiviral treatment benefi... [August 14] – [Read article](#)
Cambodia announces 15th human H5... [August 14] – [Read article](#)
Saudi Arabia confirms 9 MERS cas... [August 14] – [Read article](#)
US COVID activity gains more steam [August 15] – [Read article](#)
US COVID activity gains more steam [August 15] – [Read article](#)
Sudan cholera outbreak kills 40 ... [August 15] – [Read article](#)
Sudan Hit by Its 'Worst Cholera ... [August 15] – [Read article](#)
Central Harlem Legionnaires' out... [August 15] – [Read article](#)
Quick takes: US COVID rise, at-h... [August 16] – [Read article](#)
KFF poll shows most Americans pl... [August 16] – [Read article](#)
Quick Takes: US COVID uptick, ne... [August 16] – [Read article](#)
Measles outbreak worsens in Nort... [August 16] – [Read article](#)
Measles Outbreak Worsens in Nort... [August 16] – [Read article](#)

Information Integrity



Score Trend (Week of August 10–16, 2025)



This week, the global threat level from misinformation remains consistently high, with scores fluctuating around 4.2, except for a slight dip to 3.7 on August 14. The primary drivers of misinformation include political disinformation, health-related falsehoods, and scams, often exacerbated by AI technologies and social media platforms. Deepfakes and geopolitical propaganda are also significant contributors to the misinformation landscape, impacting public trust and safety. Despite a temporary decrease in threat level, the overall risk remains elevated, necessitating ongoing vigilance and intervention strategies.



Information Integrity

Recommended Risk Reduction Actions

- **[Government]** Implement stricter regulations on AI-generated content to curb the spread of misinformation.
- **[Tech Industry]** Enhance algorithms and human oversight to swiftly detect and flag misleading content on digital platforms.
- **[Education Sector]** Integrate media literacy programs into school curricula to equip individuals with skills to discern credible information.
- **[NGO]** Launch public awareness campaigns to educate citizens on identifying and reporting misinformation and scams.
- **[International Organizations]** Strengthen international cooperation to track and dismantle networks involved in large-scale misinformation and fraud operations.



Information Integrity

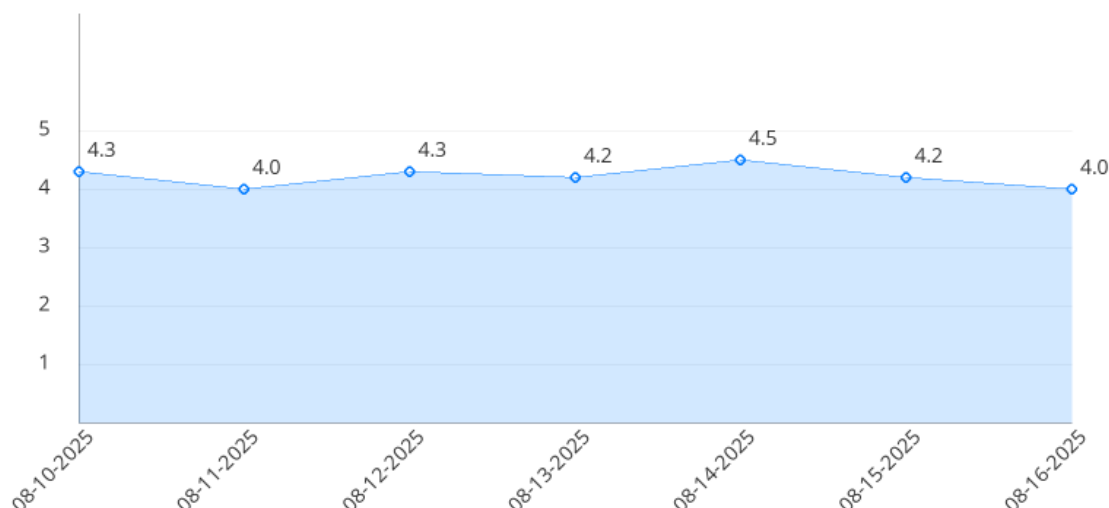
Relevant Articles

Unraveling claim Pete Buttigieg'... [August 10] – [Read article](#)
47% of Republicans would still v... [August 10] – [Read article](#)
Sorting out COVID vaccine confus... [August 10] – [Read article](#)
Woman accused of treating thousa... [August 10] – [Read article](#)
Fake nurse in Florida is arreste... [August 10] – [Read article](#)
A Russian Hacking Group Is Using... [August 11] – [Read article](#)
Rebecca Shatsky: Cancer Misinfor... [August 11] – [Read article](#)
'Complete fake news': PM's offic... [August 11] – [Read article](#)
Intel chief hits out at 'misinfo... [August 11] – [Read article](#)
Report: Trump yelled at Netanyahu... [August 11] – [Read article](#)
Woman accused of treating thousa... [August 11] – [Read article](#)
Scam Alert: Scammers impersonati... [August 11] – [Read article](#)
Youth pastor accused of using fa... [August 11] – [Read article](#)
Hailstorm in Saudi Arabian deser... [August 12] – [Read article](#)
CDC union condemns vaccine misin... [August 12] – [Read article](#)
CDC union condemns vaccine misin... [August 12] – [Read article](#)
Fake scientific publications are... [August 12] – [Read article](#)
Viral Gaza video is an AI fake a... [August 12] – [Read article](#)
NY Attorney General issues warni... [August 13] – [Read article](#)
Hamas uses fake WCK humanitarian... [August 13] – [Read article](#)
Hamas poses as WCK to attack IDF... [August 13] – [Read article](#)
CDC shooting highlights risks of... [August 13] – [Read article](#)
CDC shooting intensifies convers... [August 13] – [Read article](#)
Repeated exposure to an image-ev... [August 14] – [Read article](#)
Was Trainer 'Jessica Radcliffe' ... [August 14] – [Read article](#)
White House's Stephen Miller cla... [August 14] – [Read article](#)
'Very unfair media': Trump slams... [August 14] – [Read article](#)
Beware scammers selling fake Bad... [August 14] – [Read article](#)
Urgent warning issued as dangero... [August 14] – [Read article](#)
Analyzing image claiming to show... [August 15] – [Read article](#)
Investigating claim Trump seeks ... [August 15] – [Read article](#)
Trump and Putin's history of mis... [August 15] – [Read article](#)
Indian PM Modi's video promoting... [August 15] – [Read article](#)
TikTok Updates Community Guideli... [August 15] – [Read article](#)
Survey: High school students say... [August 16] – [Read article](#)
A Trump-favored MAGA network pra... [August 16] – [Read article](#)
Australian lawyer apologises for... [August 16] – [Read article](#)
'Life-threatening': Thousands of... [August 16] – [Read article](#)
TikTok Updates Community Guideli... [August 16] – [Read article](#)



Unknown / Black Swan

Score Trend (Week of August 10–16, 2025)



This week, significant geopolitical tensions have been highlighted as potential Black Swan risks, particularly in the Middle East and Northeast Africa. The ongoing conflict between Israel and Iran, exacerbated by recent military actions, poses a risk of unforeseen escalations that could destabilize the region. Additionally, the completion of Ethiopia's Grand Renaissance Dam has heightened tensions with Egypt over water resources, threatening regional stability. The UN's declaration of climate change as an 'existential threat' further underscores the unpredictable nature of these risks, with potential widespread geopolitical and environmental disruptions. These developments emphasize the need for urgent diplomatic and strategic interventions to mitigate these risks.



Unknown / Black Swan

Recommended Risk Reduction Actions

- **[Government]** Initiate diplomatic dialogues between Israel and Iran to de-escalate tensions and prevent further conflict.
- **[NGO]** Develop and implement humanitarian response plans to address potential crises resulting from regional conflicts.
- **[Industry]** Invest in research and development of technologies to mitigate the impacts of climate change and enhance resilience.
- **[International Organizations]** Facilitate negotiations between Ethiopia, Egypt, and Sudan to reach a sustainable agreement on Nile water usage.
- **[Media]** Provide balanced and accurate reporting on these geopolitical issues to prevent misinformation and promote understanding.



Unknown / Black Swan

Relevant Articles

Leiter: Iran's nuclear program a... [August 10] – [Read article](#)
Netanyahu attacked Iran to avert... [August 10] – [Read article](#)
O'Keefe: Energy Costs an 'Existe... [August 10] – [Read article](#)
Leiter: Iran's nuclear program a... [August 11] – [Read article](#)
Netanyahu attacked Iran to avert... [August 11] – [Read article](#)
Leiter: Iran's nuclear program a... [August 12] – [Read article](#)
Netanyahu attacked Iran to avert... [August 12] – [Read article](#)
The World Court says climate cha... [August 13] – [Read article](#)
In landmark opinion, UN court sa... [August 13] – [Read article](#)
UN's top court rules climate cha... [August 13] – [Read article](#)
UN court rules countries must tr... [August 13] – [Read article](#)
UN's highest court says climate ... [August 13] – [Read article](#)
'Existential threat': Sisi warns... [August 14] – [Read article](#)
'Existential threat': Sisi warns... [August 14] – [Read article](#)
'Existential threat': Sisi warns... [August 14] – [Read article](#)
Egypt Warns of 'Existential Thre... [August 15] – [Read article](#)
'Existential threat': Sisi warns... [August 15] – [Read article](#)
'Existential threat': Sisi warns... [August 15] – [Read article](#)
The World Court says climate cha... [August 16] – [Read article](#)
In landmark opinion, UN court sa... [August 16] – [Read article](#)
UN's top court rules climate cha... [August 16] – [Read article](#)
United Nations top court says cl... [August 16] – [Read article](#)
UN court rules countries must tr... [August 16] – [Read article](#)

Week in Review: August 10–16, 2025

This week's analysis of existential risk trends across six domains reveals a consistent elevation in threat levels, driven by geopolitical tensions, technological advancements, and inadequate policy responses. In the nuclear domain, the integration of AI into command systems and the lack of diplomatic engagement heighten the risk of accidental escalation. The rapid deployment of advanced AI models raises concerns about alignment and misuse, emphasizing the need for regulatory frameworks. Climate change risks remain high due to extreme weather events and insufficient policy action, while pandemic threats fluctuate with the resurgence of COVID-19 and other infectious diseases. Misinformation continues to pose a significant challenge, fueled by AI and social media, impacting public trust. Emerging geopolitical tensions, particularly in the Middle East and Northeast Africa, highlight potential Black Swan risks, underscoring the need for strategic interventions. Overall, these trends point to the urgent necessity for comprehensive measures across all domains to mitigate these risks effectively.



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.