



PANTHRISK WEEKLY RISK REPORT

Week of December 7–13, 2025

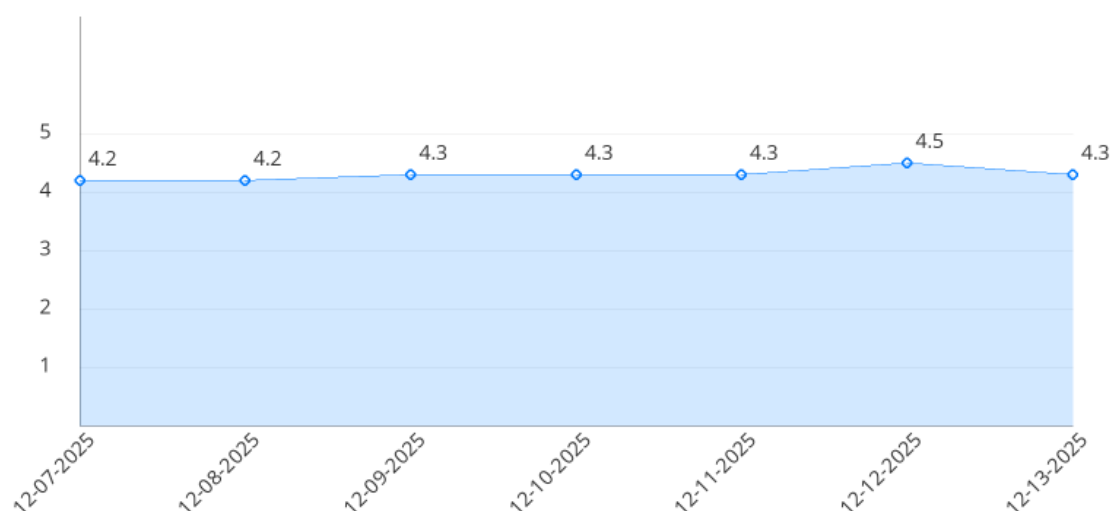
Pantrisk monitors humanity's most serious existential threats using curated news sources and AI-assisted analysis. Each day, our models evaluate key global developments, generate risk-level assessments, and propose actionable interventions. This weekly report summarizes the trends, risk shifts, and notable insights from December 7–13, 2025 across all tracked categories.

Generated: December 13, 2025



Nuclear War

Score Trend (Week of December 7–13, 2025)



This week, the nuclear threat level has been elevated due to discussions about the potential resumption of nuclear weapons testing by the United States and other major powers. These developments are compounded by ongoing efforts to modernize nuclear arsenals and increased geopolitical tensions. The weakening of existing arms control frameworks further exacerbates the situation, raising concerns about the risk of escalation and accidental conflict. The international community is urged to address these issues by reinforcing commitments to treaties like the Comprehensive Nuclear-Test-Ban Treaty and enhancing diplomatic efforts to prevent further deterioration of global nuclear stability.



Nuclear War

Recommended Risk Reduction Actions

- **[Government]** Convene an emergency session to reaffirm commitments to the Comprehensive Nuclear-Test-Ban Treaty and address the implications of resumed nuclear testing.
- **[NGO]** Launch awareness campaigns to educate the public and policymakers on the risks associated with nuclear testing and the importance of arms control agreements.
- **[Industry]** Invest in technologies that enhance nuclear verification and monitoring capabilities to support global non-proliferation efforts.
- **[Diplomatic]** Strengthen crisis communication protocols and establish direct lines between nuclear states to prevent misunderstandings and accidental escalation.
- **[Academia]** Conduct research on emerging technologies and their impact on nuclear command and control systems to enhance security measures against cyber threats.



Nuclear War

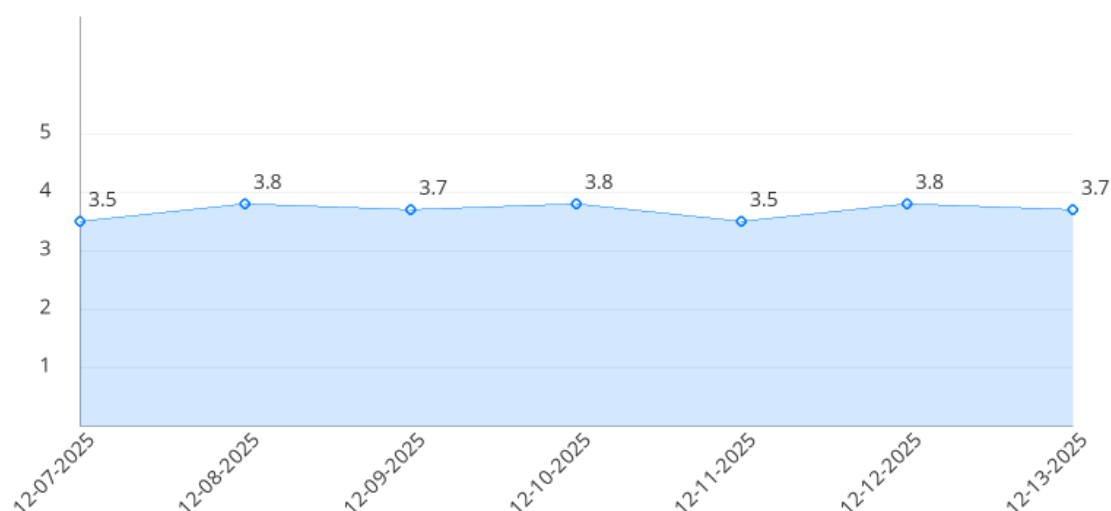
Relevant Articles

China Warns of Nuclear Conflict ... [December 7] – [Read article](#)
If the US resumes nuclear weapon... [December 7] – [Read article](#)
Trump says nuclear weapons testi... [December 7] – [Read article](#)
Trump tells Pentagon to resume t... [December 7] – [Read article](#)
Trump directs Pentagon to match ... [December 7] – [Read article](#)
B61-13 first production unit com... [December 8] – [Read article](#)
North Korea's Kim stresses Air F... [December 8] – [Read article](#)
Trump says nuclear weapons testi... [December 8] – [Read article](#)
Trump directs Pentagon to match ... [December 8] – [Read article](#)
North Korea nuclear weapons stat... [December 8] – [Read article](#)
B61-13 first production unit com... [December 9] – [Read article](#)
B61-12 system production ends, s... [December 9] – [Read article](#)
North Korea's Kim stresses Air F... [December 9] – [Read article](#)
Trump says nuclear weapons testi... [December 9] – [Read article](#)
Trump orders Pentagon to start t... [December 9] – [Read article](#)
The Fragile Ban on Nuclear Weapo... [December 10] – [Read article](#)
Trump says he wants to resume nu... [December 10] – [Read article](#)
Trump directs Pentagon to match ... [December 10] – [Read article](#)
Trump instructs Pentagon to star... [December 10] – [Read article](#)
Could China's New Nuclear Weapon... [December 10] – [Read article](#)
B61-13 first production unit com... [December 11] – [Read article](#)
Trump Orders Resumption of Nucle... [December 11] – [Read article](#)
Russia and the US threatened to ... [December 11] – [Read article](#)
Trump appears to suggest the U.S... [December 11] – [Read article](#)
Trump directs Pentagon to match ... [December 11] – [Read article](#)
Russia's Nuclear Weapons – Analy... [December 12] – [Read article](#)
U.S Moves Away From NATO, Russia... [December 12] – [Read article](#)
INTERVIEW - Risk of nuclear conf... [December 12] – [Read article](#)
Trump Orders Resumption of Nucle... [December 12] – [Read article](#)
Russia and the US threatened to ... [December 12] – [Read article](#)



Artificial Intelligence

Score Trend (Week of December 7–13, 2025)



This week, the risk associated with Artificial Intelligence remains moderate, primarily due to rapid advancements in AI capabilities and their increasing integration into critical sectors such as cybersecurity and military applications. Concerns are centered around alignment and control, as well as the potential for misuse in influencing public opinion. There are also challenges related to regulatory frameworks and the centralization of AI regulation, which could lead to power concentration. The need for transparency, accountability, and interdisciplinary research on AI alignment and safety continues to be emphasized to mitigate these risks.



Artificial Intelligence

Recommended Risk Reduction Actions

- **[Government]** Develop and implement comprehensive AI regulations that address alignment, security, and ethical deployment across all sectors.
- **[Industry]** Prioritize transparency and accountability in AI development by publicly disclosing AI capabilities and limitations.
- **[NGO]** Advocate for public awareness and education on the potential risks and benefits of AI technologies to empower informed decision-making.
- **[Academia]** Conduct interdisciplinary research on AI alignment and safety to inform policy and industry practices.
- **[International Organizations]** Facilitate global cooperation on AI governance to prevent military escalation and ensure equitable benefits.



Artificial Intelligence

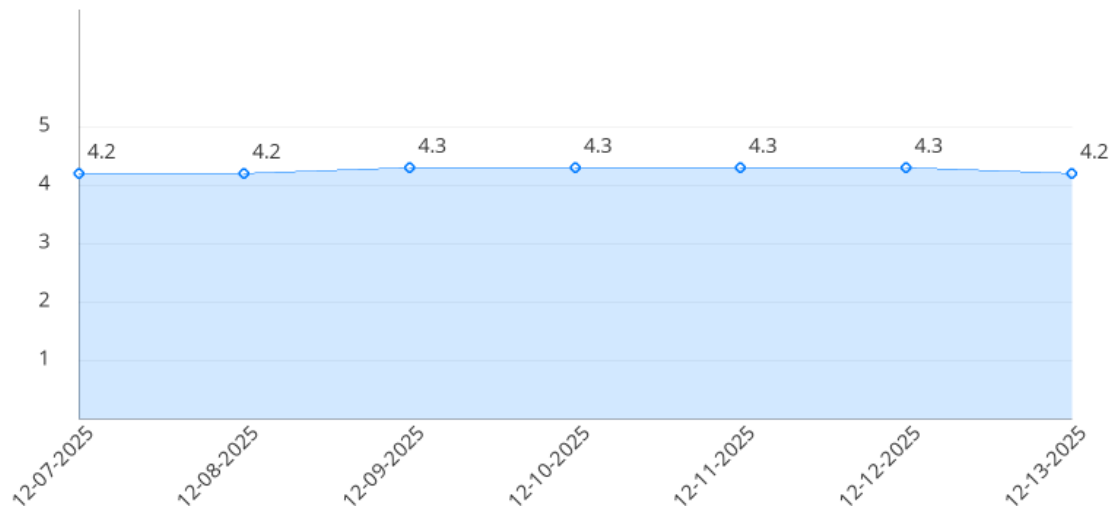
Relevant Articles

GPT-5 and the future of mathemat... [December 7] – [Read article](#)
OpenAI and Foxconn collaborate t... [December 7] – [Read article](#)
Understanding prompt injections:... [December 7] – [Read article](#)
AI progress and recommendations [December 7] – [Read article](#)
AWS and OpenAI announce multi-ye... [December 7] – [Read article](#)
OpenAI to acquire Neptune [December 8] – [Read article](#)
OpenAI takes an ownership stake ... [December 8] – [Read article](#)
OpenAI and Foxconn collaborate t... [December 8] – [Read article](#)
AI bots sway voters four times m... [December 8] – [Read article](#)
AI safety report warns industry ... [December 8] – [Read article](#)
OpenAI to acquire Neptune [December 9] – [Read article](#)
OpenAI and Foxconn collaborate t... [December 9] – [Read article](#)
AI progress and recommendations [December 9] – [Read article](#)
NDAA would mandate new DOD steer... [December 9] – [Read article](#)
Trump to issue order creating na... [December 9] – [Read article](#)
MIT 'Iceberg Index' maps hidden ... [December 10] – [Read article](#)
Artificial Intelligence and Nucl... [December 10] – [Read article](#)
Hegseth Says Pentagon Project Wi... [December 10] – [Read article](#)
AI Is About to Transform Nuclear... [December 10] – [Read article](#)
2026 Artificial Intelligence Out... [December 10] – [Read article](#)
Strengthening cyber resilience a... [December 11] – [Read article](#)
OpenAI co-founds Agentic AI Foun... [December 11] – [Read article](#)
Strengthening our safety ecosyst... [December 11] – [Read article](#)
Deepening our partnership with t... [December 11] – [Read article](#)
Strengthening our Frontier Safet... [December 11] – [Read article](#)
Strengthening cyber resilience a... [December 12] – [Read article](#)
OpenAI co-founds Agentic AI Foun... [December 12] – [Read article](#)
Trump Moves to Stop States From ... [December 12] – [Read article](#)
ACLU Statement on President Trum... [December 12] – [Read article](#)
Disney invests \$1B in OpenAI in ... [December 12] – [Read article](#)
President Trump signs AI executi... [December 13] – [Read article](#)
Trump signs executive order to b... [December 13] – [Read article](#)
Weaponized AI risk is 'high,' wa... [December 13] – [Read article](#)

Climate Change



Score Trend (Week of December 7–13, 2025)



This week, the climate risk level remains high due to a combination of escalating extreme weather events, policy failures, and significant socio-economic impacts. The frequency of record-breaking temperatures and the degradation of critical ecosystems are contributing to the heightened threat level. Policy inaction and setbacks, including the removal of critical information on fossil fuels, are exacerbating the situation. These challenges are compounded by structural issues in addressing climate change, affecting health, infrastructure, and economic stability. The overall climate risk score has consistently been high, reflecting the urgent need for comprehensive and effective responses.



Climate Change

Recommended Risk Reduction Actions

- **[Government]** Reinstate and ensure transparency of climate-related information, particularly regarding fossil fuels, to support informed decision-making.
- **[NGO]** Increase advocacy efforts to hold governments accountable for policy inaction and promote stronger climate agreements.
- **[Industry]** Invest in and accelerate the development of sustainable technologies to reduce emissions and enhance climate resilience.
- **[Academia]** Conduct and disseminate interdisciplinary research on the socio-economic impacts of climate change to inform policy and public understanding.
- **[Community]** Engage in local climate resilience planning, focusing on adaptive infrastructure and community support systems.

Climate Change

Relevant Articles

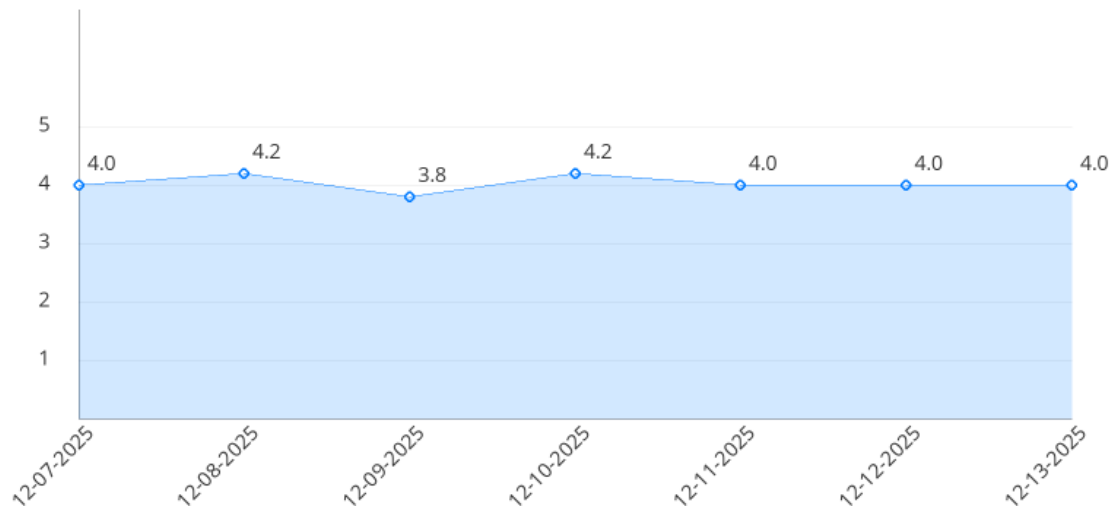


<i>Tornado season 2025: active thro...</i>	[December 7]	- Read article
<i>Millones han huido de desastres ...</i>	[December 7]	- Read article
<i>The EPA let companies estimate t...</i>	[December 7]	- Read article
<i>Climate change threatens Europe'...</i>	[December 7]	- Read article
<i>Delaying Net Zero Could Lock the...</i>	[December 7]	- Read article
<i>How debt is undermining countrie...</i>	[December 8]	- Read article
<i>Structural lock-ins in tourism d...</i>	[December 8]	- Read article
<i>'Risk to the workforce': Why cli...</i>	[December 8]	- Read article
<i>New Mexico's gubernatorial candi...</i>	[December 8]	- Read article
<i>Study predicting major economic ...</i>	[December 8]	- Read article
<i>Climate change to unleash catast...</i>	[December 9]	- Read article
<i>Climate change threatens Asia's ...</i>	[December 9]	- Read article
<i>Climate change makes microplasti...</i>	[December 9]	- Read article
<i>Climate change threatens Europe'...</i>	[December 9]	- Read article
<i>How climate change has become th...</i>	[December 9]	- Read article
<i>2025 is set to be in the top thr...</i>	[December 10]	- Read article
<i>EPA eliminates mention of fossil...</i>	[December 10]	- Read article
<i>2025 on track to become second-w...</i>	[December 10]	- Read article
<i>Climate change related events fo...</i>	[December 10]	- Read article
<i>2025 may become one of hottest y...</i>	[December 10]	- Read article
<i>Climate change supercharged \$20 ...</i>	[December 11]	- Read article
<i>Deadly November Asian storms 'su...</i>	[December 11]	- Read article
<i>Climate change is coming for the...</i>	[December 11]	- Read article
<i>EPA eliminates mention of fossil...</i>	[December 11]	- Read article
<i>EPA Removes Information on Human...</i>	[December 11]	- Read article
<i>'We look ridiculous': US governm...</i>	[December 11]	- Read article
<i>A 30-year-old sea level rise pro...</i>	[December 12]	- Read article
<i>Climate change is boosting healt...</i>	[December 12]	- Read article
<i>Climate Change is Now Irreversib...</i>	[December 12]	- Read article
<i>Change in wind over the Pacific ...</i>	[December 12]	- Read article
<i>Ocean warmed by climate change f...</i>	[December 12]	- Read article
<i>Polar bears are MUTATING to surv...</i>	[December 13]	- Read article
<i>E&E News: The Paris Agreement at...</i>	[December 13]	- Read article
<i>Climate change is stealing rain ...</i>	[December 13]	- Read article
<i>2025: The year the US gave up on...</i>	[December 13]	- Read article
<i>Climate Change Supercharged Dead...</i>	[December 13]	- Read article

Pandemics



Score Trend (Week of December 7–13, 2025)



This week, the pandemic risk remains high due to increasing cases of measles, flu, and avian flu, with RSV also contributing to the risk. A significant challenge is the persistent vaccine hesitancy and misinformation, which are hindering vaccine uptake. The risk scores have fluctuated slightly, but the overall trend indicates a consistent high risk. Efforts to combat misinformation and improve vaccination rates are crucial to managing the current outbreaks and preventing further spread.



Pandemics

Recommended Risk Reduction Actions

- **[Government]** Increase funding for vaccine education campaigns to address misinformation and improve public trust in vaccines.
- **[Healthcare Providers]** Enhance surveillance and rapid response capabilities to quickly identify and manage outbreaks of infectious diseases.
- **[NGO]** Partner with local communities to build trust and promote accurate health information, focusing on areas with low vaccine uptake.
- **[Industry]** Accelerate the development and distribution of effective vaccines for emerging infectious diseases, including avian flu and RSV.
- **[International Organizations]** Strengthen global collaboration and data sharing to monitor and respond to cross-border health threats effectively.



Pandemics

Relevant Articles

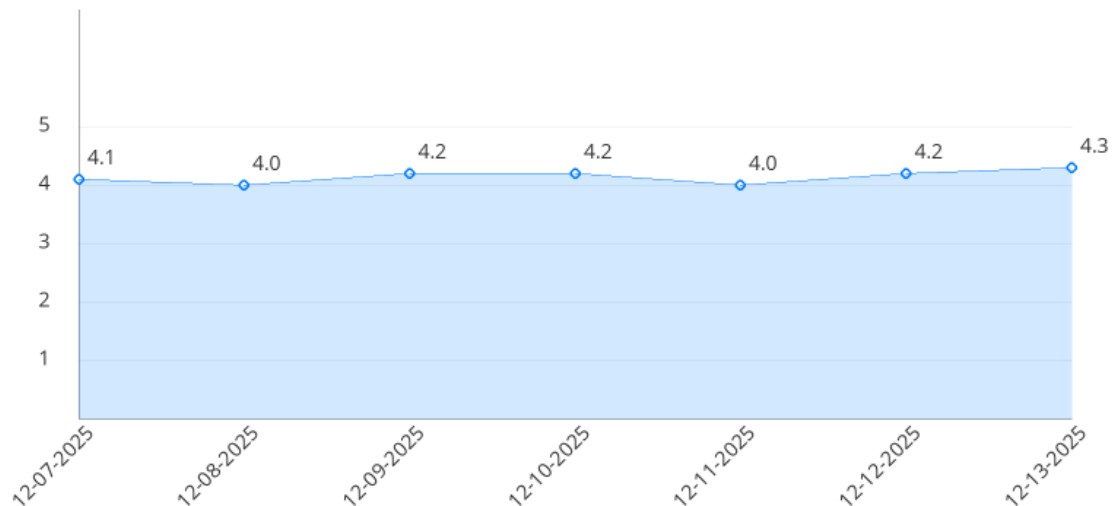
US measles outbreak tops 1,800 c... [December 7] - [Read article](#)
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Surveys find strong confidence i... [December 7] - [Read article](#)
US flu activity on the rise [December 7] - [Read article](#)
Washington state officials confi... [December 7] - [Read article](#)
Indiana tracks more avian flu ou... [December 7] - [Read article](#)
Upstate measles outbreak rises t... [December 7] - [Read article](#)
Measles outbreak in South Caroli... [December 7] - [Read article](#)
US measles outbreak tops 1,800 c... [December 8] - [Read article](#)
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First ever human case of H5N5 av... [December 8] - [Read article](#)
New coronavirus subspecies with ... [December 8] - [Read article](#)
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The U.S. may lose its measles-fr... [December 8] - [Read article](#)
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Quick takes: More avian flu in I... [December 9] - [Read article](#)
First ever human case of H5N5 av... [December 9] - [Read article](#)
Fewer people are being vaccinate... [December 10] - [Read article](#)
US measles outbreak tops 1,800 c... [December 10] - [Read article](#)
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US COVID, flu, and RSV levels lo... [December 10] - [Read article](#)
With an absent CDC and mismatche... [December 10] - [Read article](#)
First ever human case of H5N5 av... [December 10] - [Read article](#)
Review: Human H5N1 avian flu cas... [December 10] - [Read article](#)
US measles outbreak tops 1,800 c... [December 11] - [Read article](#)
US COVID, flu, and RSV levels lo... [December 11] - [Read article](#)
US COVID, flu, and RSV levels lo... [December 11] - [Read article](#)
First ever human case of H5N5 av... [December 11] - [Read article](#)
US exceeds 1,900 measles cases a... [December 11] - [Read article](#)
US measles outbreak tops 1,800 c... [December 12] - [Read article](#)
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Surveys find strong confidence i... [December 12] - [Read article](#)
US measles outbreak tops 1,800 c... [December 12] - [Read article](#)
Utah hit with largest measles ou... [December 12] - [Read article](#)
Hundreds quarantined as South Ca... [December 12] - [Read article](#)
Hundreds are quarantined in Sout... [December 12] - [Read article](#)
Flu, RSV activity rising in US a... [December 13] - [Read article](#)

Fewer people are being vaccinate... [December 13] - [Read article](#)
US measles outbreak tops 1,800 c... [December 13] - [Read article](#)
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US measles outbreak tops 1,800 c... [December 13] - [Read article](#)
US flu activity on the rise [December 13] - [Read article](#)
US COVID, flu, and RSV levels lo... [December 13] - [Read article](#)
SC measles outbreak reaches 126 ... [December 13] - [Read article](#)
South Carolina measles outbreak ... [December 13] - [Read article](#)
SC measles outbreak around Spart... [December 13] - [Read article](#)

Information Integrity



Score Trend (Week of December 7–13, 2025)



This week, the global threat level from misinformation and disinformation remains high, with consistent issues in health misinformation, political propaganda, and the increasing use of AI-generated content. The sophistication of AI-generated deepfakes and false claims about political figures and health continue to pose significant challenges. State-sponsored disinformation campaigns, particularly from actors like Russia, have been identified as a growing concern. The proliferation of fake news and scams is undermining public trust and security across various sectors. The threat scores have consistently hovered around 4.0 to 4.3, indicating a persistent and significant risk level.



Information Integrity

Recommended Risk Reduction Actions

- **[Government]** Implement stricter regulations and penalties for spreading political and health-related misinformation, especially during election periods.
- **[Industry]** Enhance AI and machine learning tools to better detect and flag deepfakes and AI-generated misinformation.
- **[NGO]** Launch public awareness campaigns to educate citizens on identifying and reporting misinformation and verifying sources.
- **[Education]** Integrate media literacy programs into school curricula to equip students with skills to critically evaluate information.
- **[International Organizations]** Foster global cooperation to address and mitigate state-sponsored disinformation campaigns.



Information Integrity

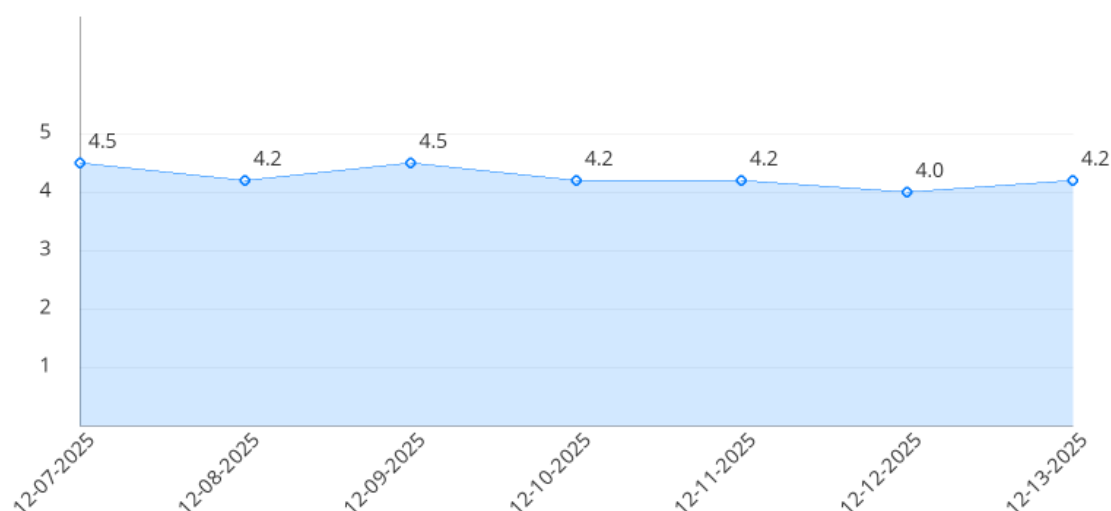
Relevant Articles

<i>New sources of inaccuracy? A con...</i>	[December 7]	- Read article
<i>As online misinformation, AI-gen...</i>	[December 7]	- Read article
<i>Vaccine disinformation can scar ...</i>	[December 7]	- Read article
<i>Forward Thinking: Misinformation...</i>	[December 7]	- Read article
<i>Relatively calm afternoon ACIP s...</i>	[December 7]	- Read article
<i>PM warns of rising disinformatio...</i>	[December 8]	- Read article
<i>Crumbling health systems and mis...</i>	[December 8]	- Read article
<i>Fake AI Posts flooding Facebook ...</i>	[December 8]	- Read article
<i>Crumbling health systems and mis...</i>	[December 8]	- Read article
<i>Disinformation is a worldwide is...</i>	[December 8]	- Read article
<i>People are more susceptible to m...</i>	[December 9]	- Read article
<i>More Misinformation Will Come Fr...</i>	[December 9]	- Read article
<i>Consumer Reports: Dangerous misi...</i>	[December 9]	- Read article
<i>Election 2020 Fake Electors Wisc...</i>	[December 9]	- Read article
<i>TikTok Hotbed for Allergy, Asthm...</i>	[December 9]	- Read article
<i>People are more susceptible to m...</i>	[December 10]	- Read article
<i>Contextualizing critical disinfo...</i>	[December 10]	- Read article
<i>In Japan, disinformation is spre...</i>	[December 10]	- Read article
<i>Alabama trails some national vac...</i>	[December 10]	- Read article
<i>'Fake news': PMO denies Netanyahu...</i>	[December 10]	- Read article
<i>AOC didn't say Nancy Pelosi had ...</i>	[December 11]	- Read article
<i>Beware claim global leaders anno...</i>	[December 11]	- Read article
<i>Did Adm. Alvin Holsey call Trump...</i>	[December 11]	- Read article
<i>Information control on YouTube d...</i>	[December 11]	- Read article
<i>People are more susceptible to m...</i>	[December 11]	- Read article
<i>People are more susceptible to m...</i>	[December 12]	- Read article
<i>Can you spot the difference? AI ...</i>	[December 12]	- Read article
<i>Imposter for hire: How fake peop...</i>	[December 12]	- Read article
<i>Sherrone Moore 'Mugshot' Is Like...</i>	[December 12]	- Read article
<i>Fake movie torrent hides Agent T...</i>	[December 12]	- Read article
<i>A Filipino journalist pushes bac...</i>	[December 13]	- Read article
<i>AI chatbots are spreading aborti...</i>	[December 13]	- Read article
<i>Germany Accuses Russia of Sabota...</i>	[December 13]	- Read article
<i>Germany accuses Russia of disinf...</i>	[December 13]	- Read article



Unknown / Black Swan

Score Trend (Week of December 7–13, 2025)



This week, Iceland has consistently warned about the potential collapse of the Atlantic Meridional Overturning Circulation (AMOC), highlighting it as a significant existential threat to global climate stability. The warnings emphasize the unpredictable nature of such an event, which could lead to severe global climate repercussions, including widespread environmental and economic disruptions. The potential collapse of the AMOC is identified as a Black Swan risk with far-reaching climatic and geopolitical implications. These concerns underscore the need for increased research, international cooperation, and public awareness to address the potential impacts of this threat.



Unknown / Black Swan

Recommended Risk Reduction Actions

- **[Government]** Increase funding for climate research focused on understanding and predicting the behavior of the AMOC and its potential impacts on global climate systems.
- **[International Organizations]** Facilitate global cooperation to enhance monitoring systems and develop predictive models for ocean current changes.
- **[Media]** Provide comprehensive coverage on the implications of AMOC changes to inform and educate the public and policymakers.
- **[NGO]** Raise public awareness about the potential impacts of ocean current disruptions on global climate and advocate for sustainable practices to mitigate contributing factors.
- **[Industry]** Develop contingency plans to adapt operations and supply chains to potential climate disruptions caused by changes in ocean currents.



Unknown / Black Swan

Relevant Articles

Iceland deems possible Atlantic ... [December 7] - [Read article](#)
Iceland deems possible Atlantic ... [December 8] - [Read article](#)
Iceland deems possible Atlantic ... [December 9] - [Read article](#)
Iceland sees security risk, exis... [December 9] - [Read article](#)
Iceland deems possible Atlantic ... [December 10] - [Read article](#)
Iceland sees security risk, exis... [December 10] - [Read article](#)
Iceland deems possible Atlantic ... [December 11] - [Read article](#)
Iceland deems possible Atlantic ... [December 12] - [Read article](#)
Iceland deems possible Atlantic ... [December 13] - [Read article](#)

Week in Review: December 7–13, 2025



This week, existential risk trends across various domains have shown notable developments. In the nuclear domain, heightened tensions and discussions about nuclear testing have raised concerns, emphasizing the need for stronger arms control commitments. Artificial Intelligence risks remain moderate, with ongoing advancements highlighting the importance of alignment, control, and regulatory frameworks to prevent misuse. Climate change risks persist at high levels due to extreme weather events and policy inaction, underscoring the urgency for comprehensive responses. Pandemic risks are elevated by rising cases of infectious diseases and challenges in vaccine uptake due to misinformation. Information integrity threats continue to be significant, driven by sophisticated disinformation campaigns and the proliferation of AI-generated content. Lastly, the potential collapse of the Atlantic Meridional Overturning Circulation has been identified as a critical Black Swan risk, prompting calls for increased research and international cooperation to mitigate its potential 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.