



PANTHRISK WEEKLY RISK REPORT

Week of December 28–3, 2026

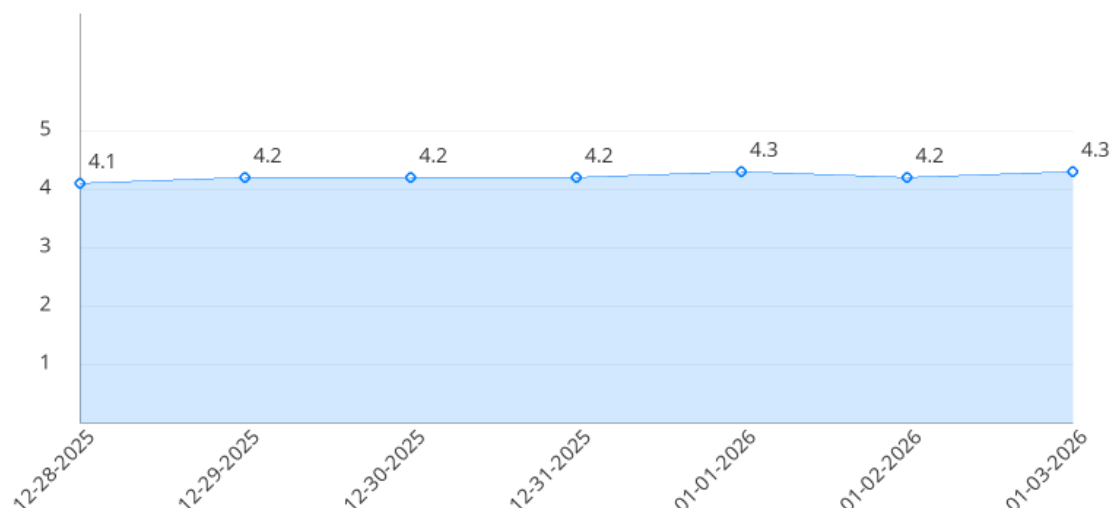
Pantrisk monitors humanity's most serious existential threats using curated news sources and AI-assisted analysis. Each day, our models evaluate key global developments, generate risk-level assessments, and propose actionable interventions. This weekly report summarizes the trends, risk shifts, and notable insights from December 28–3, 2026 across all tracked categories.

Generated: January 3, 2026



Nuclear War

Score Trend (Week of December 28–3, 2026)



This week, global nuclear tensions have escalated due to several key developments. The potential resumption of U.S. nuclear weapons testing has been a focal point, raising concerns about undermining decades of arms control progress. Additionally, heightened tensions involving Iran and North Korea, as well as Japan's nuclear ambitions, contribute to the growing threat. China's rapid expansion of its nuclear forces further complicates the geopolitical landscape. These developments have led to increased global nuclear risk levels, necessitating urgent diplomatic and strategic responses to prevent escalation and promote non-proliferation.



Nuclear War

Recommended Risk Reduction Actions

- **[Government]** Convene an emergency session of the United Nations Security Council to address the potential resumption of nuclear testing and reinforce commitments to non-proliferation treaties.
- **[NGO]** Launch public awareness campaigns to educate citizens on the risks of nuclear escalation and advocate for disarmament.
- **[Industry]** Invest in technologies that enhance nuclear detection and monitoring to ensure compliance with international agreements.
- **[Diplomacy]** Enhance crisis communication channels with nuclear-armed states to prevent misunderstandings and accidental escalation.
- **[International Organizations]** Facilitate urgent multilateral talks to address the implications of resumed nuclear testing and promote new arms control agreements.



Nuclear War

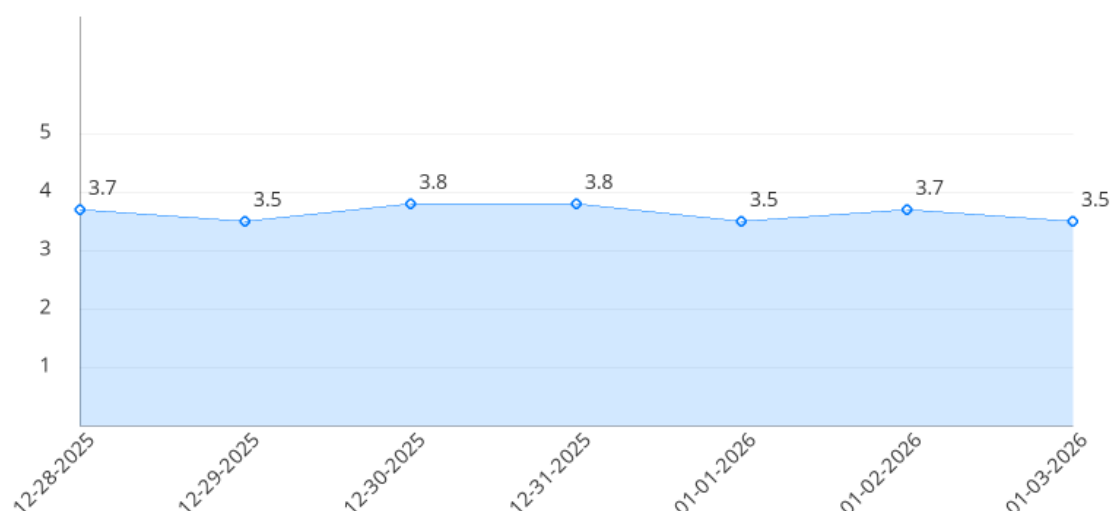
Relevant Articles

The Necessity of Testing Our Nuc... [December 28] – [Read article](#)
Japan needs to possess nuclear w... [December 28] – [Read article](#)
Miniaturization and Modernizatio... [December 28] – [Read article](#)
What you need to know about rece... [December 28] – [Read article](#)
Could Iran buy nuclear weapons f... [December 28] – [Read article](#)
Japan needs to possess nuclear w... [December 29] – [Read article](#)
Miniaturization and Modernizatio... [December 29] – [Read article](#)
Could Iran buy nuclear weapons f... [December 29] – [Read article](#)
Trump's remarks on nuclear testi... [December 29] – [Read article](#)
Trump appears to suggest the U.S... [December 29] – [Read article](#)
North Korea fires missiles into ... [December 30] – [Read article](#)
Miniaturization and Modernizatio... [December 30] – [Read article](#)
Could Iran buy nuclear weapons f... [December 30] – [Read article](#)
Trump appears to suggest the U.S... [December 30] – [Read article](#)
Trump says nuclear weapons testi... [December 30] – [Read article](#)
New Nuclear Weapons Testing 'Wou... [December 31] – [Read article](#)
Could Iran buy nuclear weapons f... [December 31] – [Read article](#)
Trump says nuclear weapons testi... [December 31] – [Read article](#)
Trump orders Pentagon to start t... [December 31] – [Read article](#)
Trump suggests the U.S. will res... [December 31] – [Read article](#)
New Nuclear Weapons Testing 'Wou... [January 1] – [Read article](#)
Trump's remarks on nuclear testi... [January 1] – [Read article](#)
Trump says nuclear weapons testi... [January 1] – [Read article](#)
Trump suggests the U.S. will res... [January 1] – [Read article](#)
Trump tells Pentagon to resume t... [January 1] – [Read article](#)
Russia-US nuclear pact set to en... [January 2] – [Read article](#)
Trump's stern warning for Iran o... [January 2] – [Read article](#)
Trump's new 'Trump-Class' battle... [January 2] – [Read article](#)
Trump appears to suggest the U.S... [January 2] – [Read article](#)
Trump tells Pentagon to resume t... [January 2] – [Read article](#)
Russia-US nuclear pact set to en... [January 3] – [Read article](#)
Trump's stern warning for Iran o... [January 3] – [Read article](#)
Trump vows to "knock the hell" o... [January 3] – [Read article](#)
World's Fastest Nuclear Force Ra... [January 3] – [Read article](#)
Trump orders Pentagon to start t... [January 3] – [Read article](#)



Artificial Intelligence

Score Trend (Week of December 28–3, 2026)



This week, the trend in artificial intelligence highlights moderate risks associated with rapid advancements in AI capabilities and their integration across various industries. Concerns persist regarding alignment, security, and the concentration of power, particularly as AI is increasingly deployed in critical sectors and military applications. There has been a noticeable increase in collaborations between governmental and corporate entities, which has prompted discussions on the ethical use and control of AI technologies. Efforts to address safety and ethical concerns are ongoing, with a focus on ensuring that AI systems are aligned with human values and societal norms.



Artificial Intelligence

Recommended Risk Reduction Actions

- **[Government]** Implement stricter regulations and oversight mechanisms for AI deployment in critical sectors to ensure alignment with ethical standards and societal values.
- **[Industry]** Develop and adhere to robust ethical guidelines for AI development, focusing on transparency, accountability, and alignment with human values.
- **[NGO]** Advocate for public awareness and education on AI risks and benefits to ensure informed societal engagement with AI technologies.
- **[Academia]** Conduct interdisciplinary research on AI alignment and control mechanisms to mitigate long-term existential risks.
- **[International Organizations]** Foster global cooperation on AI governance to manage cross-border challenges and standardize safety protocols.



Artificial Intelligence

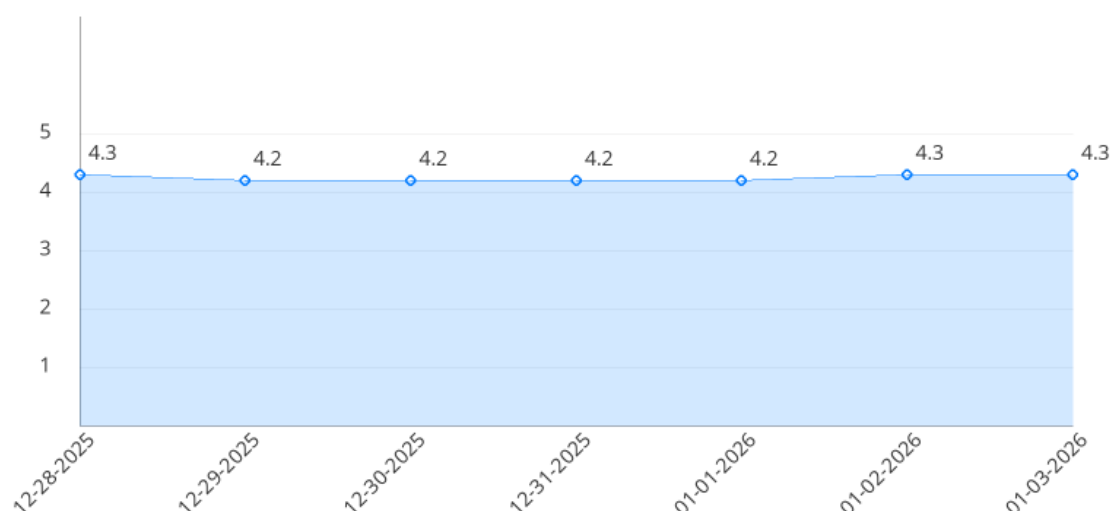
Relevant Articles

Deepening our collaboration with... [December 28] - [Read article](#)
Introducing GPT-5.2-Codex [December 28] - [Read article](#)
Strengthening cyber resilience a... [December 28] - [Read article](#)
Deepening our partnership with t... [December 28] - [Read article](#)
Strengthening our partnership wi... [December 28] - [Read article](#)
Continuously hardening ChatGPT A... [December 29] - [Read article](#)
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OpenAI Seeks AI Safety-Focused '... [December 29] - [Read article](#)
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Sam Altman Offers Rs 5 Crore For... [December 30] - [Read article](#)
New York Governor Signs Frontier... [December 30] - [Read article](#)
Deepening our collaboration with... [December 31] - [Read article](#)
OpenAI and Foxconn collaborate t... [December 31] - [Read article](#)
How Lockheed Martin's X-62A VIST... [December 31] - [Read article](#)
OpenAI says it's hiring a head s... [December 31] - [Read article](#)
Benjamin Netanyahu, Elon Musk di... [December 31] - [Read article](#)
Deepening our collaboration with... [January 1] - [Read article](#)
BBVA and OpenAI collaborate to t... [January 1] - [Read article](#)
Introducing GPT-5.2 [January 1] - [Read article](#)
OpenAI co-founds Agentic AI Foun... [January 1] - [Read article](#)
New California AI safety laws ta... [January 1] - [Read article](#)
Deepening our collaboration with... [January 2] - [Read article](#)
Introducing GPT-5.2-Codex [January 2] - [Read article](#)
BBVA and OpenAI collaborate to t... [January 2] - [Read article](#)
Strengthening cyber resilience a... [January 2] - [Read article](#)
OpenAI and Foxconn collaborate t... [January 2] - [Read article](#)
Deepening our collaboration with... [January 3] - [Read article](#)
Introducing GPT-5.2-Codex [January 3] - [Read article](#)
Strengthening cyber resilience a... [January 3] - [Read article](#)
OpenAI and Foxconn collaborate t... [January 3] - [Read article](#)
Strengthening our Frontier Safet... [January 3] - [Read article](#)



Climate Change

Score Trend (Week of December 28–3, 2026)



This week, the climate change risk level remains high due to a combination of ongoing extreme weather events, ecosystem disruptions, and insufficient policy responses. The persistence of these factors highlights significant challenges in global climate policy and adaptation efforts. There is a pressing need for comprehensive action as current measures are inadequate to mitigate long-term impacts. The situation underscores the urgency of implementing effective strategies to address the systemic challenges posed by climate change. Overall, the trend indicates that climate change is driving risks beyond current adaptation limits, necessitating immediate and coordinated global efforts.



Climate Change

Recommended Risk Reduction Actions

- **[Government]** Implement and enforce stricter climate policies to reduce greenhouse gas emissions and promote renewable energy.
- **[NGO]** Increase public awareness campaigns to educate communities about the impacts of climate change and the importance of sustainable practices.
- **[Industry]** Invest in sustainable technologies and practices to reduce carbon footprints and enhance climate resilience.
- **[International Organizations]** Facilitate global cooperation and funding for climate adaptation and mitigation projects, particularly in vulnerable regions.
- **[Research Institutions]** Conduct studies on the impact of climate change on ecosystems and human health to inform adaptive strategies.



Climate Change

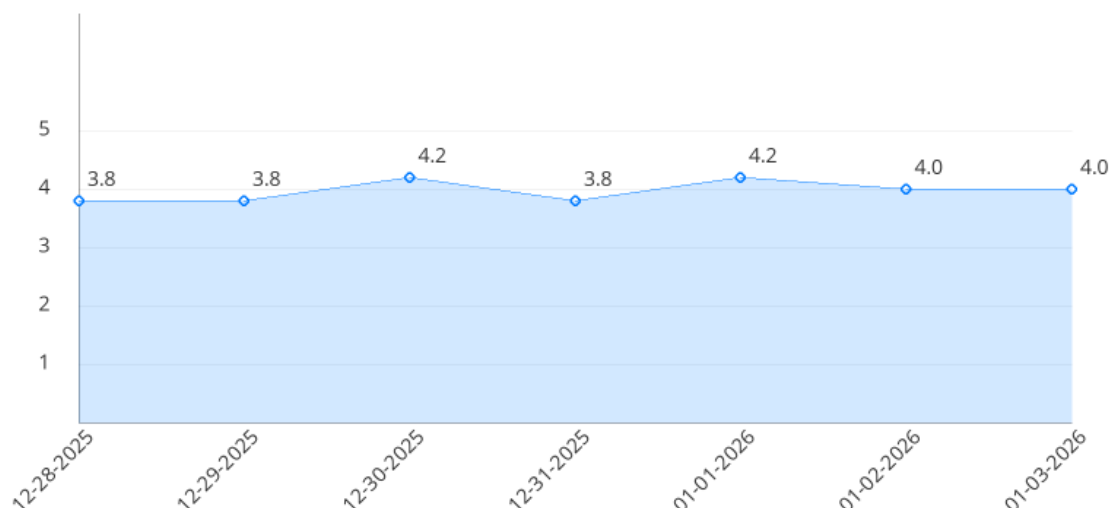
Relevant Articles

<i>Tornado season 2025: active thro...</i>	[December 28]	- Read article
<i>Trump's anti-climate policies ar...</i>	[December 28]	- Read article
<i>The \$31 billion a year threat to...</i>	[December 28]	- Read article
<i>The real cost of climate change:...</i>	[December 28]	- Read article
<i>Studies: Extreme weather fueled ...</i>	[December 28]	- Read article
<i>Could global warming paradoxical...</i>	[December 29]	- Read article
<i>How climate change is threatenin...</i>	[December 29]	- Read article
<i>The Pentagon Is Hoarding Critica...</i>	[December 29]	- Read article
<i>Climate change threatens 'women'...</i>	[December 29]	- Read article
<i>Hawai'i Farmers Are Fighting To ...</i>	[December 29]	- Read article
<i>"New era of climate extremes" as...</i>	[December 30]	- Read article
<i>Fiji is already forced to reloca...</i>	[December 30]	- Read article
<i>How climate change is reshufflin...</i>	[December 30]	- Read article
<i>Climate change intensified cyclo...</i>	[December 30]	- Read article
<i>A childhood carried in water pit...</i>	[December 30]	- Read article
<i>Trump's anti-climate policies ar...</i>	[December 31]	- Read article
<i>Climate change driving extreme w...</i>	[December 31]	- Read article
<i>Climate change drives global foo...</i>	[December 31]	- Read article
<i>"New era of climate extremes" as...</i>	[December 31]	- Read article
<i>Climate change has cut Portugues...</i>	[December 31]	- Read article
<i>Trump's anti-climate policies ar...</i>	[January 1]	- Read article
<i>Rising Temperatures in Amazon La...</i>	[January 1]	- Read article
<i>Extreme weather in 2025 intensif...</i>	[January 1]	- Read article
<i>Climate change driving extreme w...</i>	[January 1]	- Read article
<i>2025 was one of three hottest ye...</i>	[January 1]	- Read article
<i>A shift in the climate narrative...</i>	[January 2]	- Read article
<i>Global warming and human waste c...</i>	[January 2]	- Read article
<i>Climate change impact and adapta...</i>	[January 2]	- Read article
<i>Wildfires, floods and extreme he...</i>	[January 2]	- Read article
<i>Climate change driving extreme w...</i>	[January 2]	- Read article
<i>Rising Temperatures in Amazon La...</i>	[January 3]	- Read article
<i>In 2025, city and state actions ...</i>	[January 3]	- Read article
<i>Global warming and human waste c...</i>	[January 3]	- Read article
<i>Wildfires, floods and extreme he...</i>	[January 3]	- Read article
<i>Extreme weather in 2025 intensif...</i>	[January 3]	- Read article



Pandemics

Score Trend (Week of December 28–3, 2026)



This week, the pandemic risk has fluctuated between moderate and high due to increasing cases of flu, RSV, measles, and COVID-19. Vaccine hesitancy and misinformation continue to exacerbate the situation, hindering vaccination efforts and public health responses. The rise in infectious diseases globally, including a notable increase in measles outbreaks, highlights the need for enhanced public health strategies. Persistent challenges in vaccine uptake and misinformation are critical issues that require coordinated efforts to ensure effective disease control and prevention.



Pandemics

Recommended Risk Reduction Actions

- **[Government]** Increase funding for public health campaigns to boost vaccination rates and counter misinformation.
- **[NGO]** Collaborate with communities to improve vaccine accessibility and address vaccine hesitancy through culturally sensitive education.
- **[Industry]** Accelerate research and development of next-generation vaccines for emerging pathogens to enhance preparedness.
- **[Healthcare Providers]** Educate patients on the importance of vaccines and provide clear, evidence-based information to counter misinformation.
- **[International Organizations]** Strengthen global surveillance and reporting systems for early detection and response to infectious disease outbreaks.



Pandemics

Relevant Articles

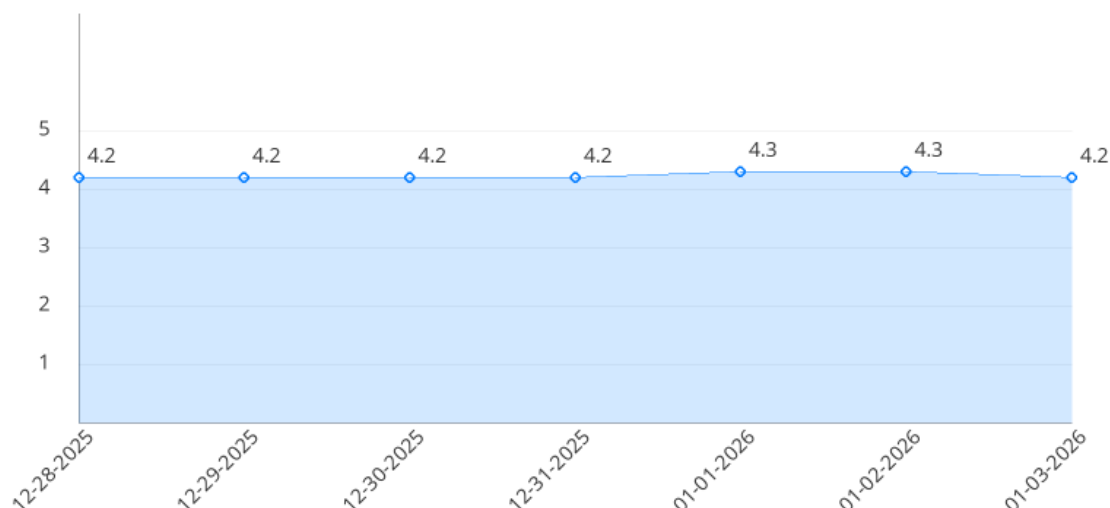
<i>Study finds that despite broad C...</i>	[December 28]	- Read article
<i>Flu, RSV activity rising in US a...</i>	[December 28]	- Read article
<i>US measles outbreak tops 1,800 c...</i>	[December 28]	- Read article
<i>US measles outbreak tops 1,800 c...</i>	[December 28]	- Read article
<i>US COVID, flu, and RSV levels lo...</i>	[December 28]	- Read article
<i>Europe, Australia report low flu...</i>	[December 28]	- Read article
<i>New avian flu outbreaks reported...</i>	[December 28]	- Read article
<i>First ever human case of H5N5 av...</i>	[December 28]	- Read article
<i>'It's completely out of control'...</i>	[December 28]	- Read article
<i>US flu activity takes big jump a...</i>	[December 29]	- Read article
<i>Flu, RSV activity rising in US a...</i>	[December 29]	- Read article
<i>Fewer people are being vaccinate...</i>	[December 29]	- Read article
<i>US measles outbreak tops 1,800 c...</i>	[December 29]	- Read article
<i>US measles outbreak tops 1,800 c...</i>	[December 29]	- Read article
<i>US COVID, flu, and RSV levels lo...</i>	[December 29]	- Read article
<i>With an absent CDC and mismatche...</i>	[December 29]	- Read article
<i>Study finds that despite broad C...</i>	[December 30]	- Read article
<i>Flu, RSV activity rising in US a...</i>	[December 30]	- Read article
<i>Fewer people are being vaccinate...</i>	[December 30]	- Read article
<i>US measles outbreak tops 1,800 c...</i>	[December 30]	- Read article
<i>US COVID, flu, and RSV levels lo...</i>	[December 30]	- Read article
<i>Support for measles vaccination ...</i>	[December 30]	- Read article
<i>Study finds that despite broad C...</i>	[December 31]	- Read article
<i>Flu, RSV activity rising in US a...</i>	[December 31]	- Read article
<i>US measles outbreak tops 1,800 c...</i>	[December 31]	- Read article
<i>Mpox transmission, US flu survei...</i>	[December 31]	- Read article
<i>South Carolina Measles Outbreak ...</i>	[December 31]	- Read article
<i>US respiratory virus activity ri...</i>	[January 1]	- Read article
<i>Study finds that despite broad C...</i>	[January 1]	- Read article
<i>Flu, RSV activity rising in US a...</i>	[January 1]	- Read article
<i>Fewer people are being vaccinate...</i>	[January 1]	- Read article
<i>US measles outbreak tops 1,800 c...</i>	[January 1]	- Read article
<i>RSV tied to heart problems, brea...</i>	[January 1]	- Read article
<i>US measles outbreak tops 1,800 c...</i>	[January 1]	- Read article
<i>US COVID, flu, and RSV levels lo...</i>	[January 1]	- Read article
<i>US reps berate FDA head, demand ...</i>	[January 1]	- Read article
<i>US respiratory virus activity ri...</i>	[January 2]	- Read article
<i>Flu, RSV activity rising in US a...</i>	[January 2]	- Read article
<i>Fewer people are being vaccinate...</i>	[January 2]	- Read article
<i>US measles outbreak tops 1,800 c...</i>	[January 2]	- Read article
<i>US Measles Outbreak 2025: 2,000+...</i>	[January 2]	- Read article
<i>More than 2,000 measles cases re...</i>	[January 2]	- Read article
<i>US respiratory virus activity ri...</i>	[January 3]	- Read article
<i>Flu, RSV activity rising in US a...</i>	[January 3]	- Read article

Fewer people are being vaccinate... [January 3] - [Read article](#)
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US COVID, flu, and RSV levels lo... [January 3] - [Read article](#)
US reps berate FDA head, demand ... [January 3] - [Read article](#)
Blamed for the nation's historic... [January 3] - [Read article](#)



Information Integrity

Score Trend (Week of December 28–3, 2026)



This week, the global misinformation risk remains high, driven by persistent disinformation campaigns affecting elections, public health, and geopolitical stability. The proliferation of AI-generated content, including deepfakes, has further exacerbated the situation, impacting political, social, and economic spheres worldwide. The use of AI in spreading falsehoods is becoming increasingly sophisticated, challenging existing detection and mitigation efforts. Political disinformation and manipulated narratives continue to erode public trust and perception globally. The overall threat level has slightly increased, highlighting the urgent need for effective countermeasures.



Information Integrity

Recommended Risk Reduction Actions

- **[Government]** Implement stricter regulations and penalties for the creation and dissemination of AI-generated disinformation and deepfakes.
- **[Industry]** Enhance AI and machine learning algorithms to better detect and flag AI-generated fake content across digital platforms.
- **[NGO]** Launch targeted public awareness campaigns to educate individuals on identifying and reporting misinformation, focusing on health and election-related falsehoods.
- **[Academia]** Conduct research on the psychological and societal impacts of misinformation to inform policy and educational strategies.
- **[Tech Companies]** Collaborate internationally to develop tools that help users verify the authenticity of digital content and counteract disinformation campaigns.



Information Integrity

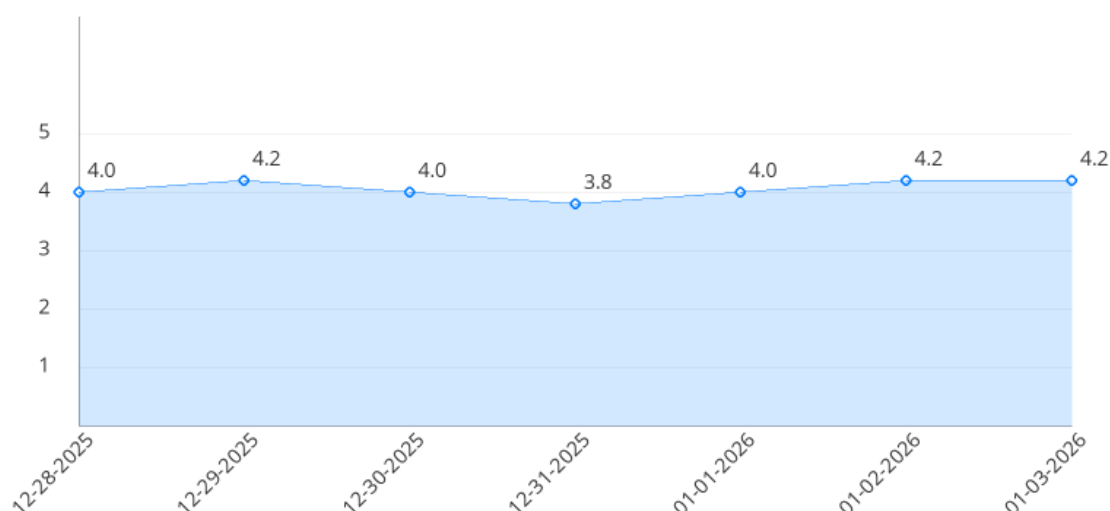
Relevant Articles

<i>People are more susceptible to m...</i>	[December 28]	- Read article
<i>New Year, new scam: Fraudsters t...</i>	[December 28]	- Read article
<i>US judge blocks Trump administra...</i>	[December 28]	- Read article
<i>Fake Science Is Growing Faster T...</i>	[December 28]	- Read article
<i>Donald Trump Suffers Legal Blow ...</i>	[December 28]	- Read article
<i>Deepfakes, hashtags and hate: Th...</i>	[December 29]	- Read article
<i>Bulgaria prepares to join eurozo...</i>	[December 29]	- Read article
<i>How Misinformation Became an Org...</i>	[December 29]	- Read article
<i>In Myanmar, the Election Is Call...</i>	[December 29]	- Read article
<i>Fake Science Is Growing Faster T...</i>	[December 29]	- Read article
<i>Russia launched a disinformation...</i>	[December 30]	- Read article
<i>Countries raise concern about 'f...</i>	[December 30]	- Read article
<i>AI Conquers YouTube: Nearly 33% ...</i>	[December 30]	- Read article
<i>Joe Rogan Under Fire After Appar...</i>	[December 30]	- Read article
<i>CAR electoral body denounces cir...</i>	[December 30]	- Read article
<i>AI Fake Photo of President Lee, ...</i>	[December 31]	- Read article
<i>Poland urges Brussels to probe T...</i>	[December 31]	- Read article
<i>Trump keeps reposting messages f...</i>	[December 31]	- Read article
<i>Jack White blasts Rep. Tim Burch...</i>	[December 31]	- Read article
<i>Military highlights Chinese disi...</i>	[December 31]	- Read article
<i>Did Kash Patel admit to deleting...</i>	[January 1]	- Read article
<i>X posts - These images of shirtl...</i>	[January 1]	- Read article
<i>Fact-checking falsehoods about E...</i>	[January 1]	- Read article
<i>Why 2025 was the year trust died...</i>	[January 1]	- Read article
<i>#FactCheck: The disinformation m...</i>	[January 1]	- Read article
<i>AI misinformation leads to 'mist...</i>	[January 2]	- Read article
<i>AI researcher predicts flood of ...</i>	[January 2]	- Read article
<i>Reuters' investigation claims Me...</i>	[January 2]	- Read article
<i>AI-powered software is helping m...</i>	[January 2]	- Read article
<i>Instagram chief: AI is so ubiqui...</i>	[January 2]	- Read article
<i>Poland targeted by six major dis...</i>	[January 3]	- Read article
<i>Iran's Cyber Police Caution Agai...</i>	[January 3]	- Read article
<i>Pak Pushes Disinformation Again ...</i>	[January 3]	- Read article
<i>Russia pays \$500K bounty for fak...</i>	[January 3]	- Read article
<i>Russia Plans Fake Attack to Sabo...</i>	[January 3]	- Read article



Unknown / Black Swan

Score Trend (Week of December 28–3, 2026)



This week, Iceland has consistently issued warnings about the potential collapse of the Atlantic Meridional Overturning Circulation (AMOC), identifying it as a significant and unpredictable threat to global climate stability. This potential Black Swan event is recognized as a security risk with far-reaching climatic and geopolitical implications. The warnings have maintained a high level of concern, with scores indicating a persistent recognition of the threat's severity. The focus is on the possible drastic environmental changes and their impact on global systems, emphasizing the need for international collaboration and proactive measures to address this risk. The situation highlights the importance of monitoring, research, and public awareness to mitigate potential impacts effectively.



Unknown / Black Swan

Recommended Risk Reduction Actions

- **[Government]** Initiate international collaborations to enhance monitoring and modeling of the AMOC to detect early warning signs of destabilization.
- **[Research Institutions]** Accelerate research on the potential impacts of AMOC collapse and develop comprehensive mitigation strategies.
- **[Media]** Raise public awareness about the potential impacts of AMOC collapse and advocate for policies to address climate change.
- **[Industry]** Invest in adaptive infrastructure and technologies to mitigate potential impacts on agriculture and coastal communities.
- **[International Organizations]** Facilitate global policy dialogues to address the potential geopolitical and economic impacts of climate disruptions.



Unknown / Black Swan

Relevant Articles

Iceland deems possible Atlantic ... [December 28] - [Read article](#)
Iceland deems possible Atlantic ... [December 29] - [Read article](#)
Iceland deems possible Atlantic ... [December 30] - [Read article](#)
Iceland deems possible Atlantic ... [December 31] - [Read article](#)
Iceland deems possible Atlantic ... [January 1] - [Read article](#)
Iceland deems possible Atlantic ... [January 2] - [Read article](#)
Iceland deems possible Atlantic ... [January 3] - [Read article](#)

Week in Review: December 28–3, 2026



This week, existential risk trends across various domains have shown notable developments. In the nuclear war domain, tensions have escalated due to potential changes in U.S. nuclear policy and geopolitical dynamics involving Iran, North Korea, and China, raising global nuclear risk levels. In artificial intelligence, the integration of AI in critical sectors has prompted discussions on ethical use and control, with ongoing efforts to align AI systems with societal values. Climate change risks remain high, driven by extreme weather events and inadequate policy responses, underscoring the need for comprehensive global action. Pandemic risks have fluctuated due to rising infectious disease cases and challenges in vaccine uptake, highlighting the need for improved public health strategies. Information integrity concerns persist, with sophisticated disinformation campaigns impacting various sectors and increasing the overall threat level. Finally, the potential collapse of the Atlantic Meridional Overturning Circulation has been identified as a significant Black Swan event, emphasizing the importance of international collaboration to address 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.