



PANTHRISK WEEKLY RISK REPORT

Week of October 19–25, 2025

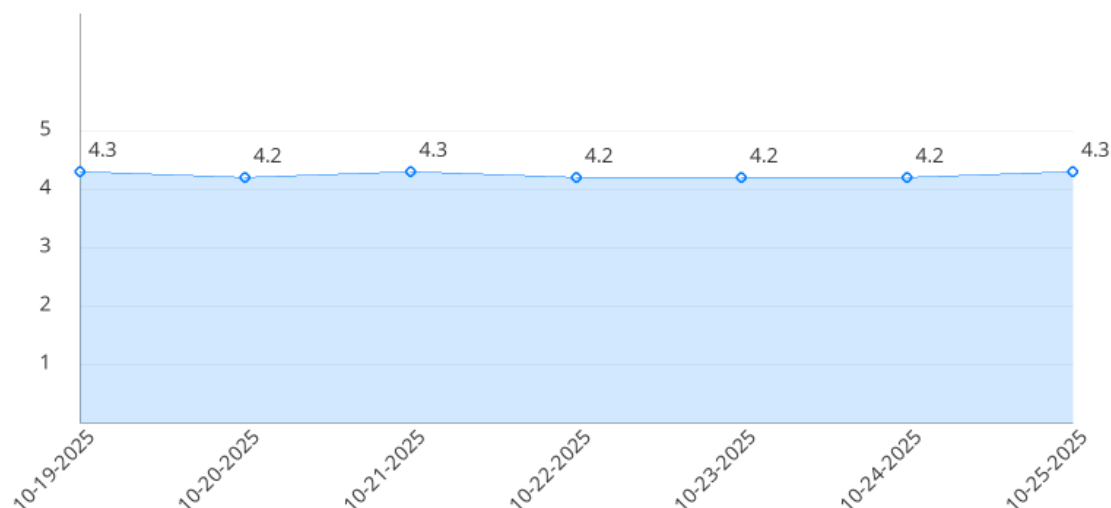
Pantrisk monitors humanity's most serious existential threats using curated news sources and AI-assisted analysis. Each day, our models evaluate key global developments, generate risk-level assessments, and propose actionable interventions. This weekly report summarizes the trends, risk shifts, and notable insights from October 19–25, 2025 across all tracked categories.

Generated: October 25, 2025



Nuclear War

Score Trend (Week of October 19–25, 2025)



This week, the nuclear threat level remains elevated due to a combination of geopolitical tensions, modernization of nuclear arsenals, and significant disruptions in oversight caused by the U.S. government shutdown. These factors have led to an increased risk of miscommunication and accidental escalation, particularly as nuclear rhetoric intensifies among major powers. The situation is further exacerbated by North Korea's irreversible nuclear status and Russian nuclear drills. The furlough of a significant portion of the U.S. nuclear workforce has also contributed to heightened global nuclear risk, underscoring the need for robust communication and crisis management protocols.



Nuclear War

Recommended Risk Reduction Actions

- **[Government]** Expedite the resolution of the government shutdown to ensure full staffing and operation of nuclear oversight agencies.
- **[International Organizations]** Facilitate renewed diplomatic efforts to address and de-escalate tensions in nuclear hotspots such as the Korean Peninsula and Ukraine.
- **[NGO]** Advocate for increased transparency and communication channels between nuclear-armed states to reduce risks of miscalculation.
- **[Industry]** Invest in advanced technologies that improve nuclear command and control systems to prevent unauthorized use.
- **[Public]** Support educational initiatives that raise awareness about nuclear risks and promote peace-building efforts.



Nuclear War

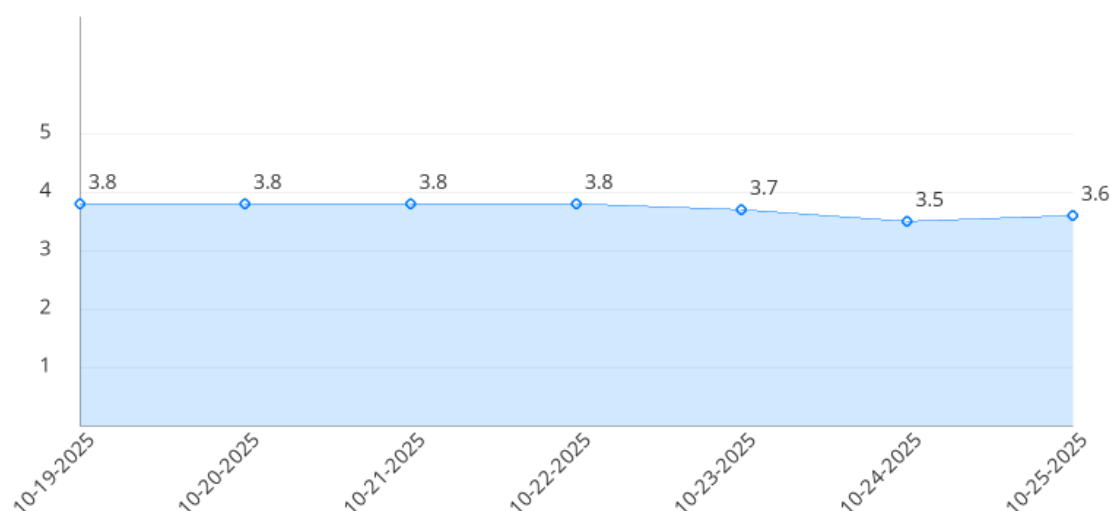
Relevant Articles

<i>B61-13 first production unit com...</i>	[October 19]	- Read article
<i>US to furlough workers at nuclea...</i>	[October 19]	- Read article
<i>Key US nuclear agency to send 80...</i>	[October 19]	- Read article
<i>AI modernizing nuclear warheads ...</i>	[October 19]	- Read article
<i>Trump Weighs Ukraine Tomahawk Re...</i>	[October 19]	- Read article
<i>US to furlough workers at nuclea...</i>	[October 20]	- Read article
<i>US agency that runs nation's nuc...</i>	[October 20]	- Read article
<i>'Brink of Nuclear War' if U.S. S...</i>	[October 20]	- Read article
<i>Lukashenko: Sending missiles to ...</i>	[October 20]	- Read article
<i>Putin's top ally warns if Trump ...</i>	[October 20]	- Read article
<i>B61-13 first production unit com...</i>	[October 22]	- Read article
<i>U.S. starts furloughing nuclear ...</i>	[October 22]	- Read article
<i>Russian Sub 'Puzzles' NATO Ahead...</i>	[October 22]	- Read article
<i>'Brink of Nuclear War' if U.S. S...</i>	[October 22]	- Read article
<i>The dangerous new Washington con...</i>	[October 22]	- Read article
<i>North Korea steals billions in c...</i>	[October 23]	- Read article
<i>Russia holds drill for its nucle...</i>	[October 23]	- Read article
<i>Foreign hackers breached a US nu...</i>	[October 23]	- Read article
<i>US agency that runs nation's nuc...</i>	[October 23]	- Read article
<i>North Korea nuclear weapons stat...</i>	[October 23]	- Read article
<i>Chilling moment Putin personally...</i>	[October 24]	- Read article
<i>US risks losing nuclear race wit...</i>	[October 24]	- Read article
<i>Foreign hackers breached a US nu...</i>	[October 24]	- Read article
<i>Nuclear weapons safety oversight...</i>	[October 24]	- Read article
<i>Top nuclear weapons agency to fu...</i>	[October 24]	- Read article
<i>B61-13 first production unit com...</i>	[October 25]	- Read article
<i>B61-12 system production ends, s...</i>	[October 25]	- Read article
<i>14 NATO countries conclude nucle...</i>	[October 25]	- Read article
<i>U.S. starts furloughing nuclear ...</i>	[October 25]	- Read article
<i>'Back from the Brink' Campaign W...</i>	[October 25]	- Read article



Artificial Intelligence

Score Trend (Week of October 19–25, 2025)



This week, the risk associated with Artificial Intelligence remains moderate, primarily due to ongoing advancements in AI infrastructure and strategic partnerships. These developments have raised concerns about the concentration of power and the potential for misuse, particularly in military and economic contexts. The consistent risk score of around 3.6 to 3.8 indicates a stable yet concerning trend, emphasizing the need for vigilance in AI governance. The strategic collaborations and infrastructure expansions could exacerbate long-term risks such as alignment failures and increased dependencies. As AI technologies continue to evolve rapidly, there is a pressing need for comprehensive regulatory frameworks and international cooperation to ensure equitable access and ethical use.



Artificial Intelligence

Recommended Risk Reduction Actions

- **[Government]** Implement comprehensive regulatory frameworks to oversee AI development and deployment, ensuring alignment with ethical standards and preventing concentration of power.
- **[Industry]** Develop and enforce industry-wide standards for AI safety and ethics, particularly in high-stakes areas like military applications, to mitigate risks of misuse.
- **[NGO]** Advocate for transparency and accountability in AI partnerships to prevent undue concentration of power and promote equitable access to AI technologies.
- **[Academia]** Conduct interdisciplinary research on AI alignment and control to address potential risks of uncontrolled self-improvement and societal impacts.
- **[International Organizations]** Facilitate global cooperation to address the geopolitical implications of AI deployment, promoting cooperative strategies for risk mitigation.



Artificial Intelligence

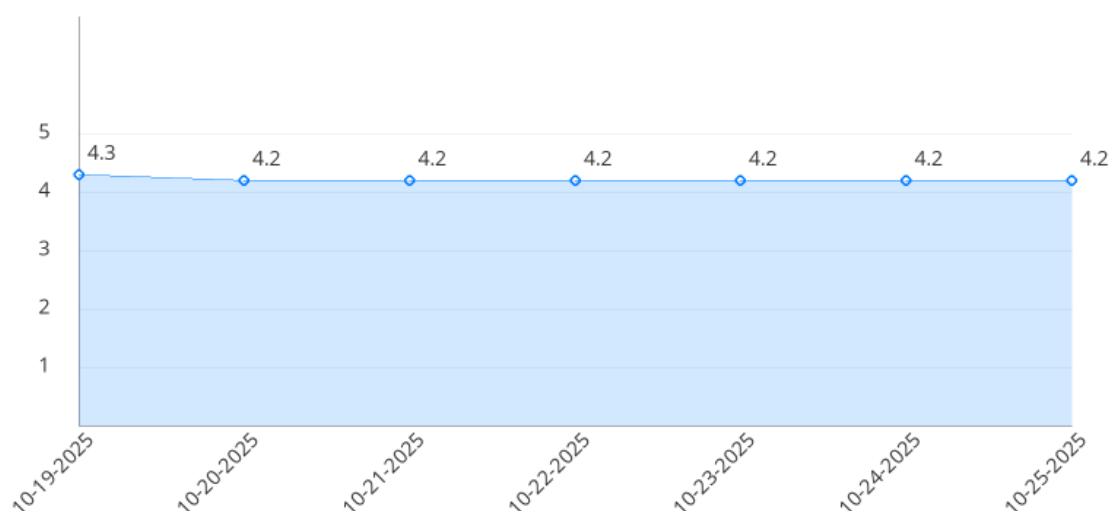
Relevant Articles

OpenAI and Broadcom announce str... [October 19] – [Read article](#)
AMD and OpenAI announce strategi... [October 19] – [Read article](#)
OpenAI and NVIDIA announce strat... [October 19] – [Read article](#)
Working with US CAISI and UK AIS... [October 19] – [Read article](#)
Taking a responsible path to AGI [October 19] – [Read article](#)
OpenAI and Broadcom announce str... [October 20] – [Read article](#)
AMD and OpenAI announce strategi... [October 20] – [Read article](#)
OpenAI and NVIDIA announce strat... [October 20] – [Read article](#)
Lockheed Martin advances PAC-3 M... [October 20] – [Read article](#)
OpenAI and Broadcom announce str... [October 21] – [Read article](#)
AMD and OpenAI announce strategi... [October 21] – [Read article](#)
OpenAI, Oracle, and SoftBank exp... [October 21] – [Read article](#)
OpenAI and NVIDIA announce strat... [October 21] – [Read article](#)
AI in the loop: Transforming mil... [October 21] – [Read article](#)
OpenAI and Broadcom announce str... [October 22] – [Read article](#)
AMD and OpenAI announce strategi... [October 22] – [Read article](#)
OpenAI and NVIDIA announce strat... [October 22] – [Read article](#)
The Artificial Intelligence (AI)... [October 22] – [Read article](#)
OpenAI and Broadcom announce str... [October 23] – [Read article](#)
AMD and OpenAI announce strategi... [October 23] – [Read article](#)
OpenAI announces strategic colla... [October 23] – [Read article](#)
OpenAI and NVIDIA announce strat... [October 23] – [Read article](#)
Meta cuts 600 workers in AI unit... [October 23] – [Read article](#)
OpenAI and Broadcom announce str... [October 24] – [Read article](#)
AMD and OpenAI announce strategi... [October 24] – [Read article](#)
OpenAI and NVIDIA announce strat... [October 24] – [Read article](#)
Taking a responsible path to AGI [October 24] – [Read article](#)
Evaluating potential cybersecuri... [October 24] – [Read article](#)
OpenAI and Broadcom announce str... [October 25] – [Read article](#)
AMD and OpenAI announce strategi... [October 25] – [Read article](#)
OpenAI announces strategic colla... [October 25] – [Read article](#)
Samsung and SK join OpenAI's Sta... [October 25] – [Read article](#)
OpenAI and NVIDIA announce strat... [October 25] – [Read article](#)



Climate Change

Score Trend (Week of October 19–25, 2025)



This week, the climate change situation has been marked by record high CO2 levels, policy setbacks, and an overall high climate threat level. Extreme weather events, accelerating glacier melt, and methane emissions are contributing to increased climate risks, threatening long-term planetary stability. Ecosystem disruptions and biodiversity crises are further exacerbating these risks, while insufficient policy responses are failing to meet critical climate goals. Legal actions against major polluters and systemic ecological disruptions are also prominent, highlighting the urgent need for effective climate action. The current efforts are deemed inadequate to meet the 2030 climate targets, necessitating immediate and comprehensive strategies to mitigate these escalating risks.



Climate Change

Recommended Risk Reduction Actions

- **[Government]** Implement stricter regulations on greenhouse gas emissions and enforce penalties for non-compliance.
- **[Industry]** Invest in sustainable technologies and practices to reduce carbon footprints and enhance resilience.
- **[NGO]** Increase public awareness campaigns about the impacts of climate change and the importance of policy action.
- **[Research Institutions]** Conduct further studies on methane emissions and ecosystem changes to inform adaptive strategies.
- **[International Organizations]** Facilitate global cooperation to address transboundary climate impacts and support vulnerable regions.



Climate Change

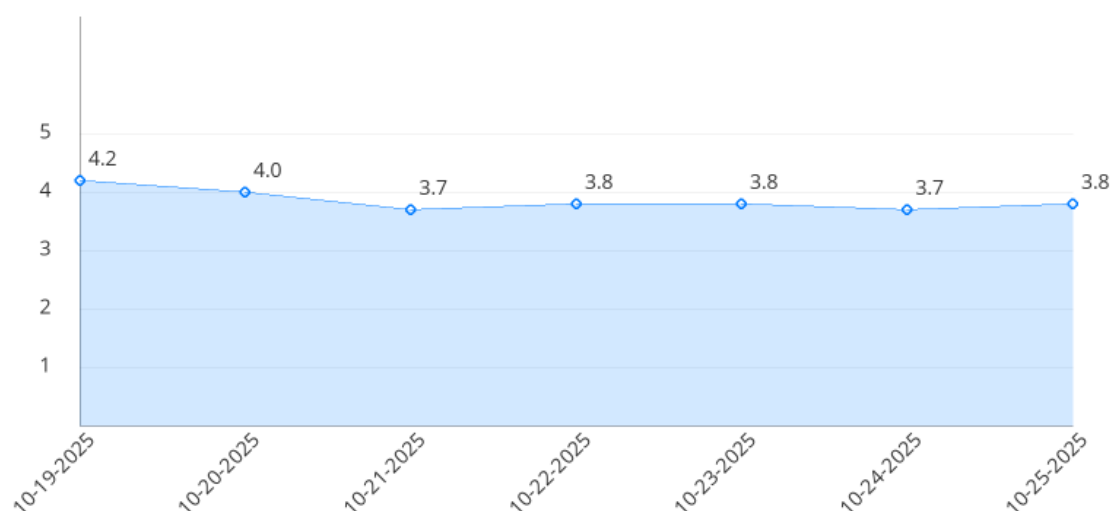
Relevant Articles

<i>Arctic Ocean amplified global wa...</i>	[October 19]	- Read article
<i>Louisiana judge orders review of...</i>	[October 19]	- Read article
<i>U.S. regulators toss out rules r...</i>	[October 19]	- Read article
<i>CO2 levels reach record new high...</i>	[October 19]	- Read article
<i>Tornado season 2025: active thro...</i>	[October 20]	- Read article
<i>How a Bush-era 'green' solution ...</i>	[October 20]	- Read article
<i>Alaska Native communities reelin...</i>	[October 20]	- Read article
<i>September 2025: Earth's 3rd-warm...</i>	[October 20]	- Read article
<i>How global warming is turning fo...</i>	[October 20]	- Read article
<i>Methane Gas Is Mysteriously Bubb...</i>	[October 21]	- Read article
<i>One of most vulnerable states to...</i>	[October 21]	- Read article
<i>Climate and health strategies mu...</i>	[October 21]	- Read article
<i>Central Asian glaciers resisted ...</i>	[October 21]	- Read article
<i>New Report Finds Efforts to Slow...</i>	[October 22]	- Read article
<i>Mosquitoes Have Been Found In Ic...</i>	[October 22]	- Read article
<i>The Amazon Rainforest Is One Of ...</i>	[October 22]	- Read article
<i>Prevalence, magnitude and distri...</i>	[October 22]	- Read article
<i>Climate change threatening globa...</i>	[October 22]	- Read article
<i>Weather disasters in first half ...</i>	[October 23]	- Read article
<i>Global climate change limit effo...</i>	[October 23]	- Read article
<i>Progress on global warming too s...</i>	[October 23]	- Read article
<i>Climate Change and Child Poverty...</i>	[October 23]	- Read article
<i>Heatwaves worsen educational ine...</i>	[October 23]	- Read article
<i>Thai villagers have moved four t...</i>	[October 24]	- Read article
<i>Climate change is turning global...</i>	[October 24]	- Read article
<i>Scientists get a shocking glimps...</i>	[October 24]	- Read article
<i>Climate Change Linked To 40% Of ...</i>	[October 24]	- Read article
<i>Philippine victims of 2021 typho...</i>	[October 24]	- Read article
<i>Melissa bringing deadly and dest...</i>	[October 25]	- Read article
<i>Tropical Storm Melissa not yet s...</i>	[October 25]	- Read article
<i>Scientists in Switzerland say 1....</i>	[October 25]	- Read article
<i>Global warming pushes Earth's ti...</i>	[October 25]	- Read article
<i>Whale and Dolphin Migrations are...</i>	[October 25]	- Read article



Pandemics

Score Trend (Week of October 19–25, 2025)



This week, the pandemic risk level fluctuated between high and moderate, primarily due to ongoing outbreaks of measles, avian flu, and MERS. While COVID-19 activity has declined, the persistence of these other infectious diseases, along with public distrust in health agencies and vaccine misinformation, continues to pose significant challenges. The risk scores indicate a slight decrease in overall pandemic risk, but the presence of misinformation and vaccine uptake issues remain critical concerns. Efforts to combat these challenges through improved communication and vaccination campaigns are necessary to mitigate the risks. Additionally, the emergence of cholera and the ongoing avian flu in poultry highlight the need for strengthened surveillance and response systems.



Pandemics

Recommended Risk Reduction Actions

- **[Government]** Enhance surveillance and rapid response capabilities for emerging infectious diseases like avian flu and MERS.
- **[NGO]** Increase public awareness campaigns to combat vaccine misinformation and promote vaccination, particularly in regions with ongoing outbreaks.
- **[Industry]** Accelerate the development and deployment of universal vaccines for influenza and coronaviruses to prepare for future pandemic threats.
- **[Healthcare]** Strengthen communication with patients about the safety and efficacy of vaccines, focusing on vulnerable populations to improve vaccine confidence.
- **[International Organizations]** Facilitate cross-border collaboration to manage and mitigate emerging infectious diseases and improve pandemic preparedness.



Pandemics

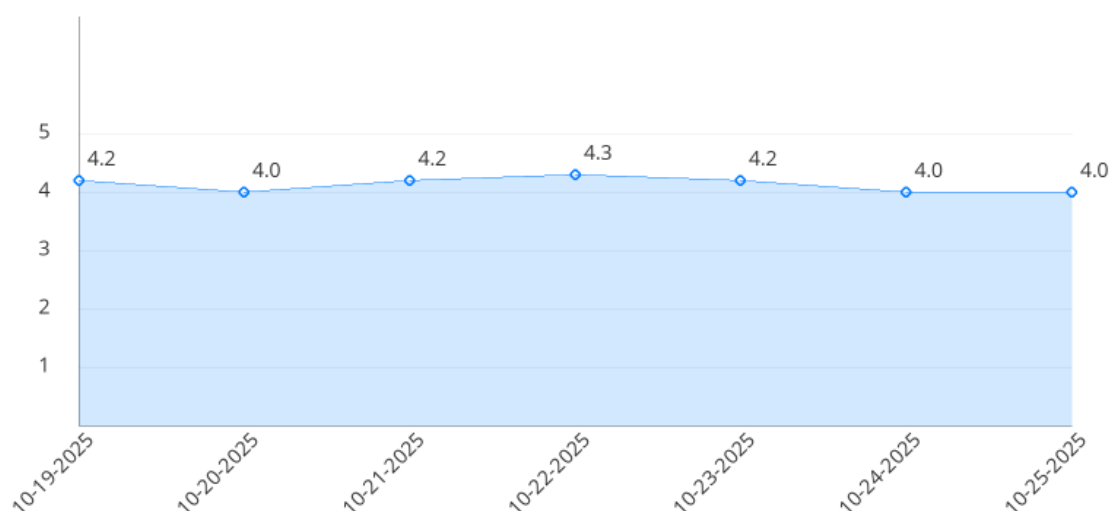
Relevant Articles

<i>Three large turkey farms in Minn...</i>	[October 19]	- Read article
<i>Saudi Arabia confirms 9 MERS cas...</i>	[October 19]	- Read article
<i>WHO reports 4 more MERS cases fr...</i>	[October 19]	- Read article
<i>Poll finds low public confidence...</i>	[October 19]	- Read article
<i>South Carolina measles outbreak ...</i>	[October 19]	- Read article
<i>Flurry of H5N1 activity noted in...</i>	[October 20]	- Read article
<i>Saudi Arabia confirms 9 MERS cas...</i>	[October 20]	- Read article
<i>WHO reports 4 more MERS cases fr...</i>	[October 20]	- Read article
<i>SC now has 19 measles cases, 15 ...</i>	[October 20]	- Read article
<i>SAFETY ALERT: S.C. measles cases...</i>	[October 20]	- Read article
<i>Report proposes new framework to...</i>	[October 21]	- Read article
<i>Poll shows Americans view COVID-...</i>	[October 21]	- Read article
<i>US documents dozens of new avian...</i>	[October 21]	- Read article
<i>Saudi Arabia confirms 9 MERS cas...</i>	[October 21]	- Read article
<i>WHO notes 4 new MERS cases, 2 fa...</i>	[October 21]	- Read article
<i>Report proposes new framework to...</i>	[October 22]	- Read article
<i>Europe, Australia report low flu...</i>	[October 22]	- Read article
<i>CDC reports highlight 2024-25 fl...</i>	[October 22]	- Read article
<i>Quick takes: More flu deaths in ...</i>	[October 22]	- Read article
<i>Saudi Arabia confirms 9 MERS cas...</i>	[October 22]	- Read article
<i>Measles Outbreaks in the United ...</i>	[October 22]	- Read article
<i>IDSA releases COVID vaccine guid...</i>	[October 23]	- Read article
<i>Europe, Australia report low flu...</i>	[October 23]	- Read article
<i>Saudi Arabia confirms 9 MERS cas...</i>	[October 23]	- Read article
<i>US measles cases top 1,600 as So...</i>	[October 23]	- Read article
<i>Belgium reports H5N1 bird flu ou...</i>	[October 23]	- Read article
<i>Severe COVID may carry higher ri...</i>	[October 24]	- Read article
<i>Nearly 1 in 3 adults with severe...</i>	[October 24]	- Read article
<i>Japan sees early flu activity, w...</i>	[October 24]	- Read article
<i>Saudi Arabia confirms 9 MERS cas...</i>	[October 24]	- Read article
<i>Measles outbreak that began on U...</i>	[October 24]	- Read article
<i>Nearly 1 in 3 adults with severe...</i>	[October 25]	- Read article
<i>Flurry of H5N1 activity noted in...</i>	[October 25]	- Read article
<i>Democratic Republic of Congo: Ch...</i>	[October 25]	- Read article
<i>Cholera outbreak in DR Congo is ...</i>	[October 25]	- Read article
<i>S.C. racks up 25 measles cases a...</i>	[October 25]	- Read article



Information Integrity

Score Trend (Week of October 19–25, 2025)



This week, the global risk level from misinformation remains high, with a consistent score around 4.0 to 4.3. The main drivers of this trend include the widespread use of AI-generated content, deepfakes, and fake news, which are particularly prevalent in political, health, and social contexts. The increasing sophistication of AI tools in creating deceptive content is exacerbating the challenge of maintaining information integrity. Election misinformation and health-related falsehoods continue to be significant concerns, affecting public perception and trust. Digital platforms are central to the dissemination of these falsehoods, highlighting the need for improved detection and moderation practices.



Information Integrity

Recommended Risk Reduction Actions

- **[Government]** Implement stricter regulations and penalties for the creation and distribution of AI-generated misinformation and deepfakes.
- **[Industry]** Enhance algorithms and moderation practices on digital platforms to better detect and limit the spread of false information.
- **[NGO]** Launch public awareness campaigns to educate citizens on identifying and reporting misinformation, particularly during election periods.
- **[Education]** Integrate media literacy programs into school curricula to equip students with skills to critically evaluate information.
- **[International Organizations]** Collaborate globally to share strategies and resources for combating misinformation and supporting public awareness campaigns.



Information Integrity

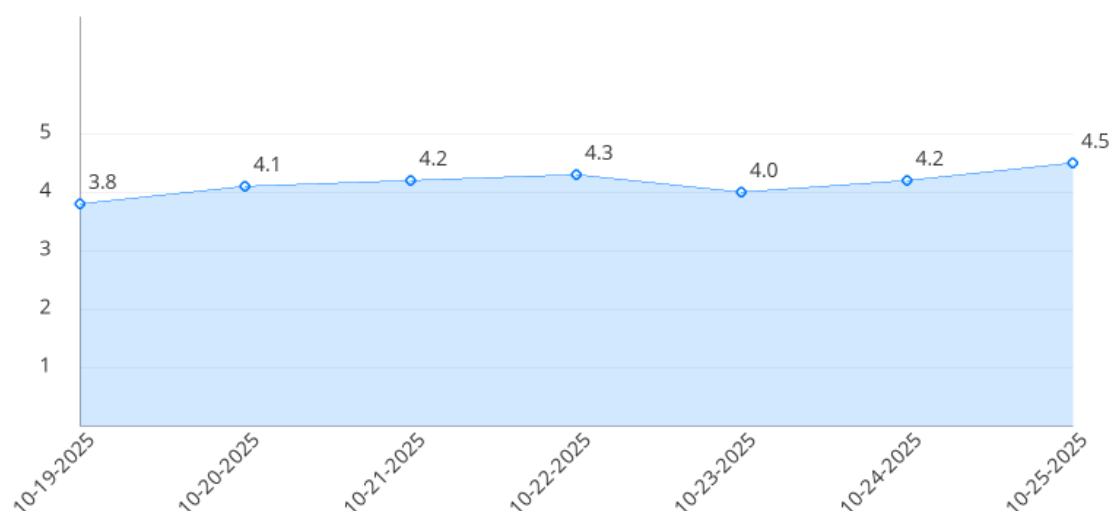
Relevant Articles

<i>Rumor claims Trump used Biden's ...</i>	[October 19]	- Read article
<i>West Virginians For Health Freed...</i>	[October 19]	- Read article
<i>Ivory Coast warns citizens over ...</i>	[October 19]	- Read article
<i>What Bangladesh's fake news boom...</i>	[October 19]	- Read article
<i>Tory MP George Freeman reports d...</i>	[October 19]	- Read article
<i>Trump Posts Fake A.I. Video of H...</i>	[October 20]	- Read article
<i>Ivory Coast warns citizens over ...</i>	[October 20]	- Read article
<i>Tory MP George Freeman reports d...</i>	[October 20]	- Read article
<i>Judge says Nevada 'fake electors...</i>	[October 20]	- Read article
<i>Fake weight loss drugs promoted ...</i>	[October 20]	- Read article
<i>Fake apps become harder to spot ...</i>	[October 21]	- Read article
<i>Frauds use deep fake video of fi...</i>	[October 21]	- Read article
<i>Judge allows criminal case again...</i>	[October 21]	- Read article
<i>Trump's fake video featured 'Dan...</i>	[October 21]	- Read article
<i>Analysis: How AI turned the Bost...</i>	[October 21]	- Read article
<i>Trump posted AI video of him poo...</i>	[October 22]	- Read article
<i>New study shows widespread AI mi...</i>	[October 22]	- Read article
<i>Fake AI video creates alarm in T...</i>	[October 22]	- Read article
<i>Ideological polarization and the...</i>	[October 22]	- Read article
<i>How Trump is using fake imagery ...</i>	[October 22]	- Read article
<i>Misinformation was rife during t...</i>	[October 23]	- Read article
<i>AI content spreads confusion and...</i>	[October 23]	- Read article
<i>Growing number of Americans are ...</i>	[October 23]	- Read article
<i>Ukraine Aid Groups Targeted Thro...</i>	[October 23]	- Read article
<i>ANA President Jennifer Mensik Ke...</i>	[October 23]	- Read article
<i>Advancements in AI raise concern...</i>	[October 24]	- Read article
<i>Google Sued for AI-Generated Fak...</i>	[October 24]	- Read article
<i>Misinformation targets accessibi...</i>	[October 24]	- Read article
<i>Propaganda, disinformation, thre...</i>	[October 24]	- Read article
<i>North Korean Hackers Lure Defens...</i>	[October 24]	- Read article
<i>Toxic politics and TikTok engage...</i>	[October 25]	- Read article
<i>Take Down AI Content Spreading M...</i>	[October 25]	- Read article
<i>Students grapple with the age of...</i>	[October 25]	- Read article
<i>Analysis: After two oil refinery...</i>	[October 25]	- Read article
<i>Fake LastPass death claims used ...</i>	[October 25]	- Read article



Unknown / Black Swan

Score Trend (Week of October 19–25, 2025)



This week, several potential 'black swan' events have been identified, indicating significant geopolitical and cosmic uncertainties. Japan's political instability and escalating trade tensions are raising concerns about global economic repercussions, particularly in the Asia-Pacific region. Concurrently, the United States' immigration and trade policies under Trump are contributing to potential economic and social disruptions. Additionally, China's new pulp import restrictions threaten to destabilize global recycling markets. On a cosmic scale, the interstellar object 3I/ATLAS, with its unusual metal alloy composition, is being closely monitored as it poses potential unforeseen impacts on Earth. These developments highlight the need for proactive measures to mitigate risks associated with both geopolitical and cosmic threats.



Unknown / Black Swan

Recommended Risk Reduction Actions

- **[Government]** Facilitate diplomatic dialogues to de-escalate trade tensions in the Asia-Pacific region and promote economic stability.
- **[Industry]** Diversify supply chains to mitigate risks associated with geopolitical instability and potential disruptions in recycling markets.
- **[NGO]** Raise public awareness about the potential risks of cosmic events and the importance of scientific monitoring and preparedness.
- **[Research Institutions]** Conduct interdisciplinary studies to assess the potential impacts of geopolitical and cosmic events on global stability.
- **[International Organizations]** Collaborate on developing advanced detection and deflection technologies for future unidentified celestial threats.



Unknown / Black Swan

Relevant Articles

Japan Fears a Black Swan Event! ... [October 19] – [Read article](#)
Japan Fears a Black Swan Event! ... [October 21] – [Read article](#)
China's new pulp import restrict... [October 22] – [Read article](#)
Suspicious comet may herald 'bla... [October 23] – [Read article](#)
3I/ATLAS 'a threat to humanity'?... [October 24] – [Read article](#)
Doomsday On October 29? Harvard ... [October 24] – [Read article](#)
Latest mystery surrounding 3I/At... [October 24] – [Read article](#)
Suspicious comet may herald 'bla... [October 24] – [Read article](#)
A Cosmic 'Black Swan' or Trojan ... [October 25] – [Read article](#)
Could mysterious Manhattan-sized... [October 25] – [Read article](#)
3I/ATLAS 'a threat to humanity'?... [October 25] – [Read article](#)
Latest mystery surrounding 3I/At... [October 25] – [Read article](#)
Suspicious comet may herald 'bla... [October 25] – [Read article](#)

Week in Review: October 19–25, 2025

This week, existential risk trends across the six domains present a complex landscape of concerns and stability. In the nuclear domain, elevated risks persist due to geopolitical tensions and disruptions in oversight, particularly in the U.S., emphasizing the need for improved communication protocols. Artificial Intelligence risks remain moderate, with ongoing advancements raising concerns about power concentration and potential misuse, highlighting the necessity for robust governance frameworks. Climate change risks are high, driven by record CO2 levels and insufficient policy responses, underscoring the urgency for effective climate action. Pandemic risks fluctuate, with ongoing outbreaks and misinformation posing challenges despite a decline in COVID-19 activity. Information integrity risks remain high, exacerbated by AI-generated content and deepfakes, necessitating better detection and moderation practices. Lastly, potential 'black swan' events, such as geopolitical tensions and cosmic uncertainties, underscore the importance of proactive risk mitigation strategies.



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.