



PANTHRISK WEEKLY RISK REPORT

Week of April 19–25, 2026

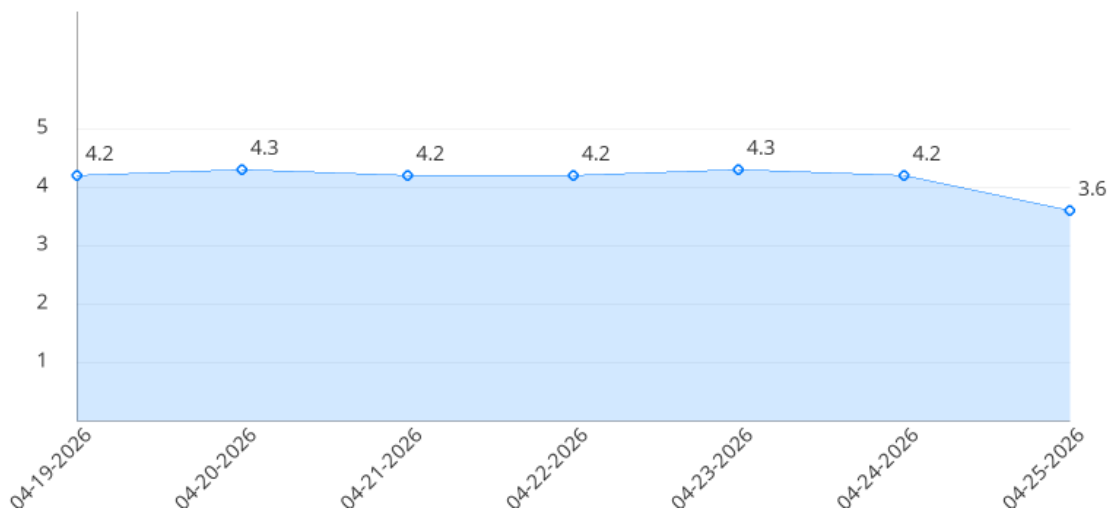
Pantrisk monitors humanity's most serious existential threats using curated news sources and AI-assisted analysis. Each day, our models evaluate key global developments, generate risk-level assessments, and propose actionable interventions. This weekly report summarizes the trends, risk shifts, and notable insights from April 19–25, 2026 across all tracked categories.

Generated: April 25, 2026



Nuclear War

Score Trend (Week of April 19–25, 2026)



This week, the global nuclear threat level has remained elevated due to several factors. North Korea's rapid expansion of its nuclear capabilities and Russia's potential deployment of nuclear weapons in space have significantly contributed to the heightened risk.

Additionally, ongoing geopolitical tensions involving Iran and the modernization of nuclear arsenals by major powers have exacerbated the situation. The threat is further intensified by increased tensions in Eastern Europe and Asia, coupled with weakened diplomatic engagement and communication channels. Despite some de-escalatory statements from the US regarding Iran, the overall trend suggests a potential nuclear arms race and increased investments in nuclear armament.



Nuclear War

Recommended Risk Reduction Actions

- **[Government]** Convene an international summit to address the modernization of nuclear arsenals and promote new arms control agreements.
- **[NGO]** Launch public awareness campaigns to educate on the risks of nuclear proliferation and the importance of disarmament.
- **[Industry]** Invest in technologies that enhance detection and monitoring of nuclear activities to support non-proliferation efforts.
- **[Diplomatic Bodies]** Facilitate renewed dialogue between NATO and Russia to de-escalate tensions and prevent nuclear escalation.
- **[International Organizations]** Strengthen and expand crisis communication protocols to prevent misunderstandings and accidental nuclear launches.



Nuclear War

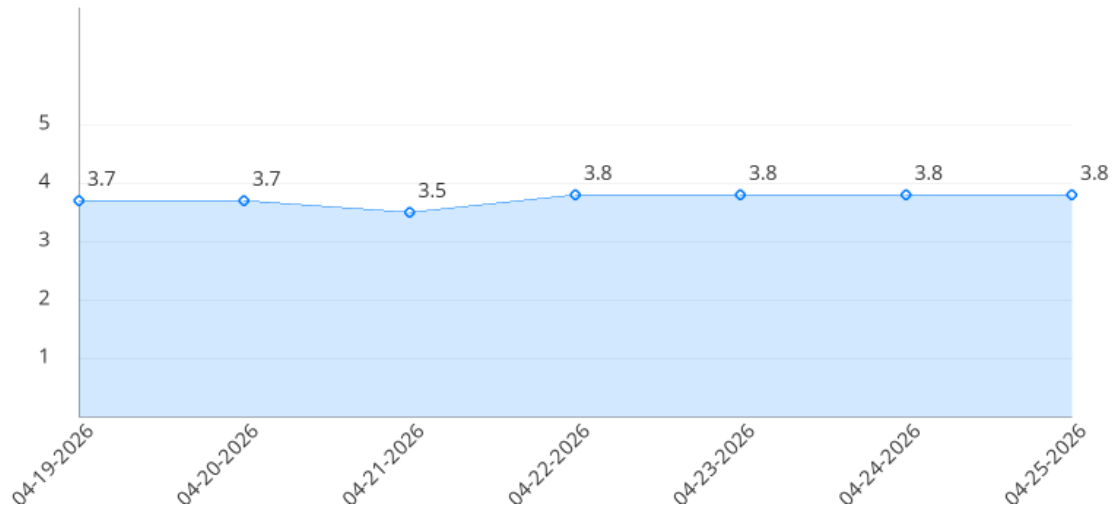
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- US Space Command warns Russia ma...* [April 19] - [Read article](#)
- Russia plans to put nuclear weap...* [April 19] - [Read article](#)
- North Korea expands nuclear weap...* [April 19] - [Read article](#)
- North Korea makes "very serious"...* [April 19] - [Read article](#)
- 'Very serious increase': UN watc...* [April 19] - [Read article](#)
- REPORT: China Modernizing Nuclea...* [April 20] - [Read article](#)
- New START: Russia puts nuclear w...* [April 20] - [Read article](#)
- US Space Command warns Russia ma...* [April 20] - [Read article](#)
- Russia plans to put nuclear weap...* [April 20] - [Read article](#)
- UN watchdog says North Korea is ...* [April 20] - [Read article](#)
- Putin Warns Again That Russia Is...* [April 21] - [Read article](#)
- REPORT: China Modernizing Nuclea...* [April 21] - [Read article](#)
- As World Looks at Iran, North Ko...* [April 21] - [Read article](#)
- Why North Korea's Nuclear Arsen...* [April 21] - [Read article](#)
- North Korea's 'very serious' nuc...* [April 21] - [Read article](#)
- Trump's 2018 pullout from Iran n...* [April 22] - [Read article](#)
- 15,000 nuclear weapons still exi...* [April 22] - [Read article](#)
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- Lukashenko threatens NATO and Uk...* [April 23] - [Read article](#)
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- Russia to update its list of com...* [April 23] - [Read article](#)
- Nuclear deterrence returns to Eu...* [April 24] - [Read article](#)
- Six new countries could develop ...* [April 24] - [Read article](#)
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- UN issues chilling North Korea n...* [April 24] - [Read article](#)
- Russia Warns of Response to NATO...* [April 24] - [Read article](#)
- G7 'concerned' at Russia and Chi...* [April 25] - [Read article](#)
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- Finland Moves to Allow Nuclear W...* [April 25] - [Read article](#)
- Trump Rules Out Nuclear Weapons ...* [April 25] - [Read article](#)

Artificial Intelligence



Score Trend (Week of April 19–25, 2026)



This week, the risk associated with Artificial Intelligence remains moderate, driven by ongoing advancements in AI capabilities and their integration into critical sectors such as military, finance, and child safety. Concerns are heightened by the rapid deployment of advanced AI models like GPT-5.5, which raises issues related to misuse, alignment, and concentration of power. The lack of adequate regulatory frameworks and security vulnerabilities further exacerbate these risks. The overall risk score has remained consistently at 3.7 to 3.8, indicating a stable yet concerning level of risk that necessitates immediate attention to regulatory and ethical considerations.



Artificial Intelligence

Recommended Risk Reduction Actions

- **[Government]** Implement comprehensive AI regulations to ensure alignment with human values and prevent misuse in critical sectors.
- **[Industry]** Develop and adopt AI safety standards to guide ethical deployment, particularly in sensitive areas like defense and finance.
- **[NGO]** Advocate for transparency and accountability in AI systems to prevent concentration of power and ensure equitable benefits.
- **[Academia]** Conduct interdisciplinary research on AI alignment and control to address potential existential risks.
- **[International Organizations]** Facilitate global cooperation on AI governance to address cross-border challenges and promote safe AI development.



Artificial Intelligence

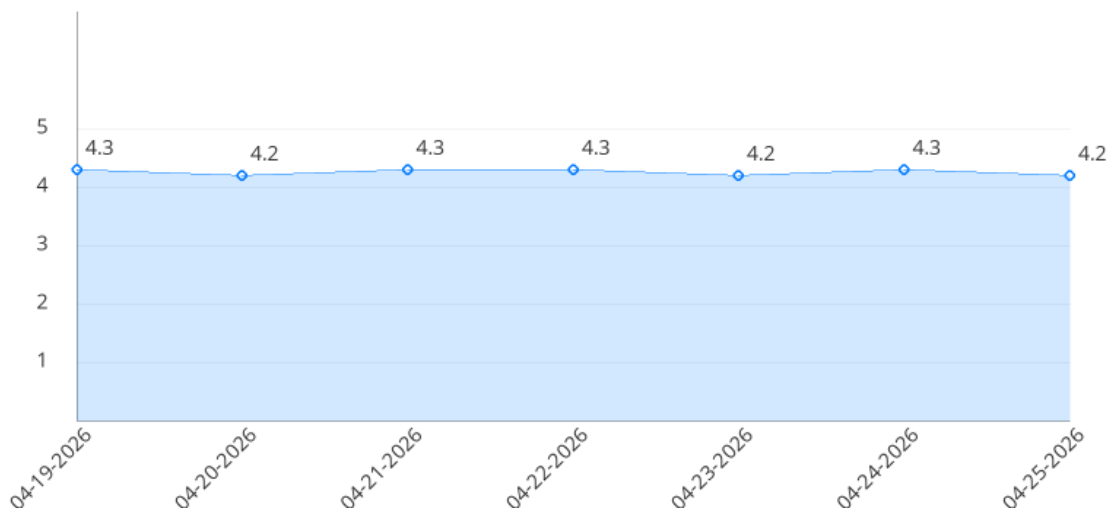
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- Strengthening our partnership wi...* [April 21] - [Read article](#)
- 'We cannot afford to get AI wron...* [April 21] - [Read article](#)
- Scaling Codex to enterprises wor...* [April 22] - [Read article](#)
- OpenAI helps Hyatt advance AI am...* [April 22] - [Read article](#)
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- Pentagon Vs. Anthropic: The Batt...* [April 22] - [Read article](#)
- Federal officials warn of AI-gen...* [April 22] - [Read article](#)
- House lawmakers get a chilling d...* [April 23] - [Read article](#)
- Time to apply the brakes to runa...* [April 23] - [Read article](#)
- AI generated pornography of teac...* [April 23] - [Read article](#)
- AI safety risk: How Best-of-N ja...* [April 23] - [Read article](#)
- Anthropic's Model Context Protoc...* [April 23] - [Read article](#)
- Introducing GPT-5.5* [April 24] - [Read article](#)
- GPT-5.5 System Card* [April 24] - [Read article](#)
- GPT-5.5 Bio Bug Bounty* [April 24] - [Read article](#)
- Scaling Codex to enterprises wor...* [April 24] - [Read article](#)
- Mapping The Military AI Industry...* [April 24] - [Read article](#)
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Climate Change

Score Trend (Week of April 19–25, 2026)



This week, the climate risk remains high due to a combination of increasing extreme weather events, ecosystem disruptions, and insufficient global policy responses. Record-breaking temperatures and systematic Arctic ice loss are contributing to potential collapses of key ocean currents, which could have severe global impacts. Despite these challenges, policy setbacks continue to hinder effective climate action, exacerbating the risks associated with climate change. Emerging health threats linked to climate change are also becoming more prominent, adding another layer of complexity to the crisis. Overall, the need for urgent and comprehensive policy responses and adaptation strategies is critical to mitigate these escalating risks.



Climate Change

Recommended Risk Reduction Actions

- **[Government]** Implement and enforce stricter emissions regulations to curb greenhouse gases and support renewable energy transitions.
- **[NGO]** Increase public awareness campaigns to educate communities on the health impacts of climate change and promote sustainable practices.
- **[Industry]** Invest in sustainable technologies and practices to reduce carbon footprints and enhance climate resilience.
- **[Research Institutions]** Conduct studies on the impacts of climate change on ocean currents and biodiversity to inform policy decisions.
- **[International Organizations]** Facilitate global cooperation to address climate change, ensuring it remains a priority in international discussions and agreements.



Climate Change

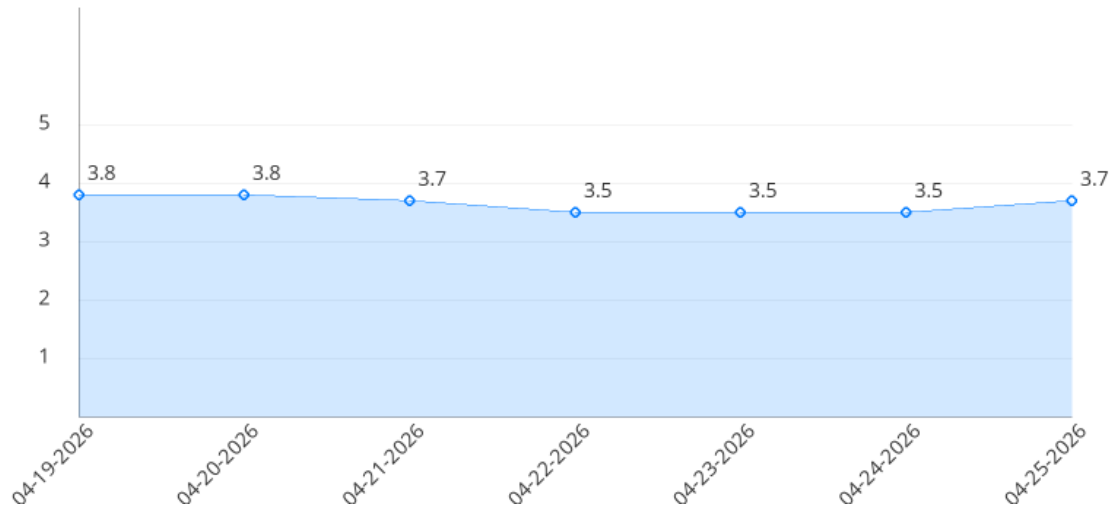
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- Climate change, disasters drivin...* [April 20] - [Read article](#)
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- 'Nations need to prepare now': K...* [April 22] - [Read article](#)
- Arctic sea ice loss shows system...* [April 22] - [Read article](#)
- In Duluth, climate change has ex...* [April 22] - [Read article](#)
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- UN chief urges global action to ...* [April 22] - [Read article](#)
- Climate change lengthens Europe'...* [April 23] - [Read article](#)
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- Climate change is already claimi...* [April 23] - [Read article](#)
- How climate change may increase ...* [April 23] - [Read article](#)
- EU proposes measures to curb fos...* [April 23] - [Read article](#)
- DeSantis signs bill on Earth Day...* [April 24] - [Read article](#)
- The Atlantic current could colla...* [April 24] - [Read article](#)
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Pandemics



Score Trend (Week of April 19–25, 2026)



This week, the pandemic risk remains moderate, with a consistent score fluctuating between 3.5 and 3.8. The primary challenges include ongoing issues with long COVID, rising cases of avian flu, and measles outbreaks. These are exacerbated by widespread vaccine hesitancy and misinformation, which hinder vaccination efforts and public health responses. The presence of emerging infectious diseases and new pathogen strains adds complexity to the situation. Despite these challenges, efforts continue to focus on improving vaccine uptake and addressing misinformation to mitigate the risk.



Pandemics

Recommended Risk Reduction Actions

- **[Government]** Increase funding for public health campaigns focusing on vaccine education to counter misinformation and improve vaccination rates.
- **[Healthcare]** Enhance surveillance and reporting systems to ensure early detection and rapid response to emerging infectious diseases, including avian flu.
- **[Research Institutions]** Accelerate research on long COVID to develop effective treatments and interventions to alleviate its long-term impacts.
- **[NGO]** Engage local communities through educational initiatives to build trust in vaccines and public health measures, particularly in underserved areas.
- **[International Organizations]** Collaborate globally to monitor and control the spread of avian flu and other zoonotic diseases, sharing data and resources.



Pandemics

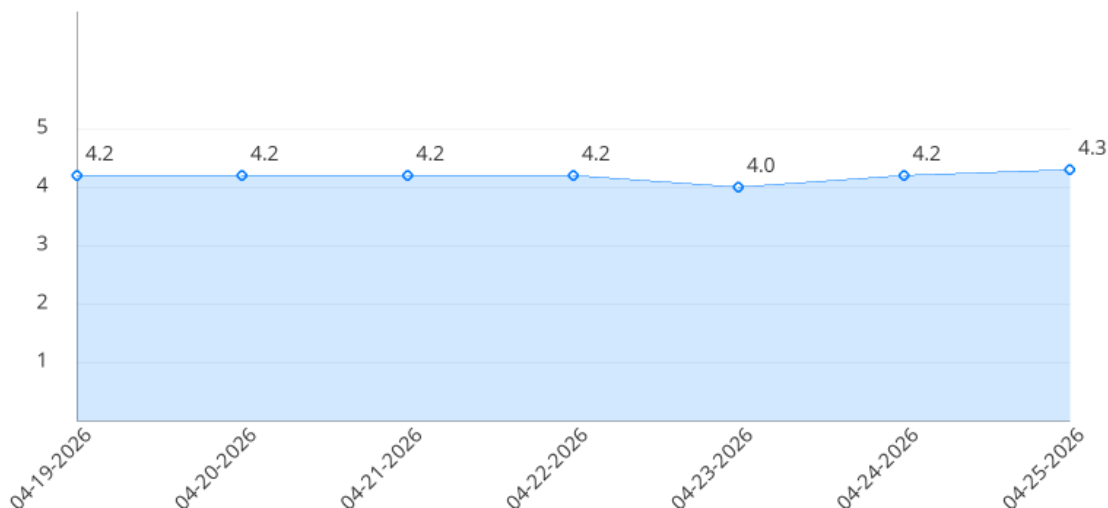
Relevant Articles

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- Quick takes: Re-emergent COVID s...* [April 20] - [Read article](#)
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- Long COVID tied to higher risk o...* [April 22] - [Read article](#)
- Quick takes: Re-emergent COVID s...* [April 22] - [Read article](#)
- Cambodia confirms its first huma...* [April 22] - [Read article](#)
- CDC blocks publication of report...* [April 23] - [Read article](#)
- COVID vaccines tied to less hosp...* [April 23] - [Read article](#)
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- An urgent need to vaccinate: Bol...* [April 23] - [Read article](#)
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- Long COVID costs world's economy...* [April 24] - [Read article](#)
- Long COVID tied to higher risk o...* [April 24] - [Read article](#)
- More California marine mammals c...* [April 24] - [Read article](#)
- Vaccine skepticism now the norm ...* [April 24] - [Read article](#)
- Moderna's combo flu-COVID vaccin...* [April 25] - [Read article](#)
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- Quick takes: Re-emergent COVID s...* [April 25] - [Read article](#)
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Information Integrity

Score Trend (Week of April 19–25, 2026)



This week, the trend in information integrity highlights a consistently high risk of misinformation, primarily driven by AI-generated content and deepfakes. These technologies are being increasingly used in political and social contexts, complicating public discernment of truth and undermining trust. The risk score has remained high, fluctuating slightly but consistently indicating significant challenges in maintaining information integrity. The proliferation of false claims and sophisticated AI-generated content is affecting various sectors globally, emphasizing the need for enhanced detection and public education efforts. Previous recommendations have focused on stricter regulations, improved AI detection tools, and increased public awareness and media literacy programs.



Information Integrity

Recommended Risk Reduction Actions

- **[Government]** Implement stricter regulations and penalties specifically targeting the creation and dissemination of AI-generated misinformation and deepfakes.
- **[Industry]** Enhance AI detection algorithms to better identify and flag AI-generated content and deepfakes on social media platforms.
- **[Education]** Integrate comprehensive media literacy programs into school curricula to equip students with skills to critically evaluate information sources.
- **[NGO]** Launch public awareness campaigns to educate citizens on identifying misinformation and understanding its impacts, focusing on the role of AI in generating content.
- **[International Organizations]** Collaborate globally to share best practices and resources for combating misinformation and disinformation, ensuring a coordinated response.



Information Integrity

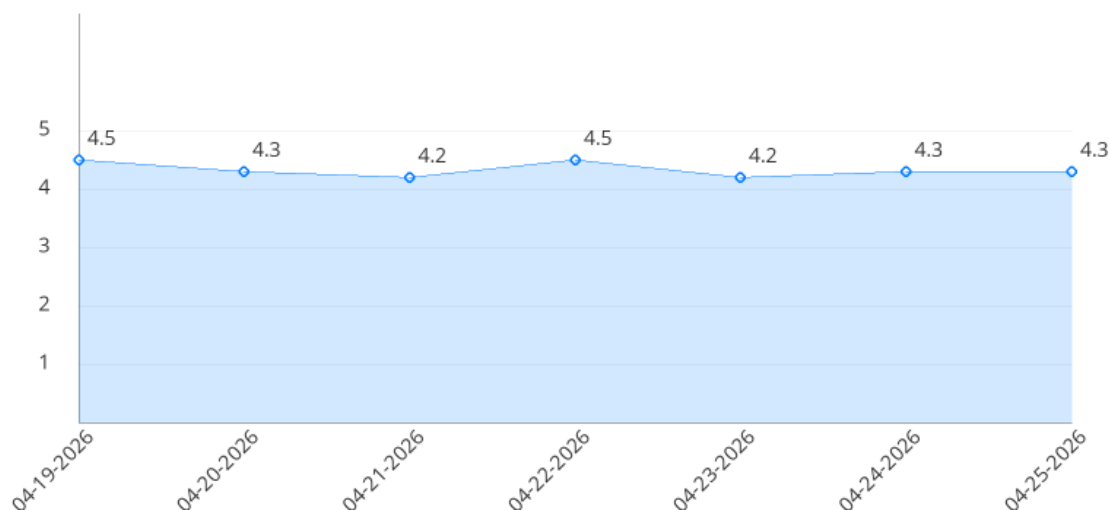
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- AI-generated fake news is now a ...* [April 20] - [Read article](#)
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- Fighting misinformation a major ...* [April 21] - [Read article](#)
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- Social media clips of crying U.S...* [April 22] - [Read article](#)
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- Kremlin Used AI, Fake Author to ...* [April 22] - [Read article](#)
- Unpacking claim US Army 'nuclear...* [April 23] - [Read article](#)
- Was Trump blocked from using nuc...* [April 23] - [Read article](#)
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- Health Systems Race to Contain A...* [April 24] - [Read article](#)
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- iSchool Doctoral Student Present...* [April 25] - [Read article](#)



Unknown / Black Swan

Score Trend (Week of April 19–25, 2026)



This week, there has been a persistent concern over the potential for a Middle East conflict involving Iran, which poses a significant Black Swan risk with global geopolitical and economic ramifications. The situation is compounded by a potential 'black swan' supply shock in the aluminum market, attributed to disruptions caused by these regional tensions. The risk scores for both issues have remained consistently high, indicating a sustained threat to global supply chains and economic stability. The interconnectedness of these risks underscores the need for comprehensive strategies to mitigate their potential impacts. As tensions continue, there is an urgent need for diplomatic efforts and contingency planning to address these emerging threats.



Unknown / Black Swan

Recommended Risk Reduction Actions

- **[Government]** Enhance diplomatic efforts to de-escalate tensions in the Middle East, particularly involving Iran, through multilateral talks and negotiations.
- **[Industry]** Develop and implement contingency plans for potential disruptions in the aluminum supply chain, including exploring alternative materials and suppliers.
- **[NGO]** Facilitate dialogue and cooperation among international stakeholders to address and mitigate the potential global economic impacts of Middle East conflicts.
- **[Media]** Provide balanced and accurate reporting to prevent misinformation and panic that could exacerbate the situation in global markets.
- **[Research Institutions]** Accelerate research and development of alternative materials to reduce dependency on aluminum and improve supply chain resilience.



Unknown / Black Swan

Relevant Articles

- Badenoch: "Nuclear-armed Iran is...* [April 19] - [Read article](#)
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Week in Review: April 19–25, 2026



This week, existential risks across various domains have shown notable trends and persistent concerns. In the nuclear domain, the threat level remains elevated due to North Korea's nuclear advancements and Russia's potential space deployments, alongside geopolitical tensions involving Iran and Eastern Europe. Artificial Intelligence risks are stable yet concerning, driven by rapid advancements and the lack of regulatory frameworks. Climate change risks are high, exacerbated by extreme weather events and inadequate policy responses, while pandemic risks remain moderate, challenged by vaccine hesitancy and emerging diseases. Information integrity continues to face high risks from AI-generated misinformation, affecting trust and discernment. Additionally, potential Middle East conflicts and supply chain disruptions present significant Black Swan risks, highlighting the need for diplomatic and strategic responses.



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.