



PANTHRISK WEEKLY RISK REPORT

Week of June 29–5, 2025

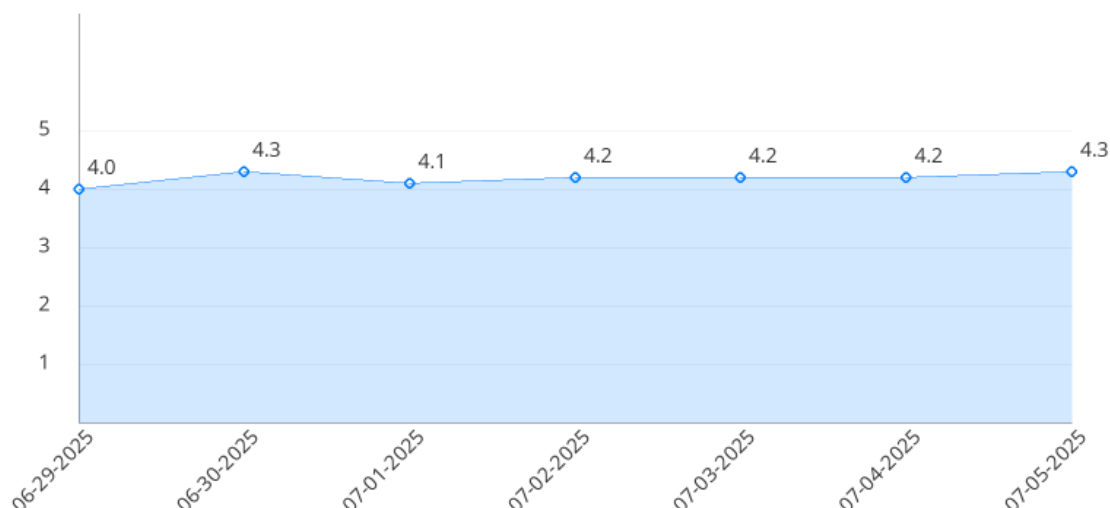
Panthrisk monitors humanity's most serious existential threats using curated news sources and AI-assisted analysis. Each day, our models evaluate key global developments, generate risk-level assessments, and propose actionable interventions. This weekly report summarizes the trends, risk shifts, and notable insights from June 29–5, 2025 across all tracked categories.

Generated: July 5, 2025



Nuclear War

Score Trend (Week of June 29–5, 2025)



This week, global nuclear tensions have escalated significantly due to recent military actions against Iran's nuclear program, particularly involving US strikes. The situation is further complicated by the UK's acquisition of nuclear-capable fighter jets, which has contributed to heightened proliferation risks. These developments have raised the global nuclear threat level, with concerns about potential nuclear proliferation involving Iran and Russia. The modernization of nuclear arsenals and strategic military developments continue to exacerbate geopolitical tensions, increasing the urgency for diplomatic interventions and arms control measures.



Nuclear War

Recommended Risk Reduction Actions

- **[Government]** Facilitate immediate diplomatic talks between the US, Iran, and other key stakeholders to de-escalate tensions and explore pathways to compliance with nuclear agreements.
- **[International Organizations]** Strengthen and renew international arms control agreements to limit nuclear proliferation and ensure rigorous verification and compliance mechanisms.
- **[NGO]** Increase public awareness and advocacy for nuclear disarmament and non-proliferation to foster global support for reducing nuclear risks.
- **[Industry]** Invest in technologies that improve verification and monitoring of nuclear activities to support global non-proliferation efforts.
- **[Military]** Enhance crisis communication channels with nuclear-capable states to prevent misunderstandings and reduce the risk of accidental nuclear conflict.



Nuclear War

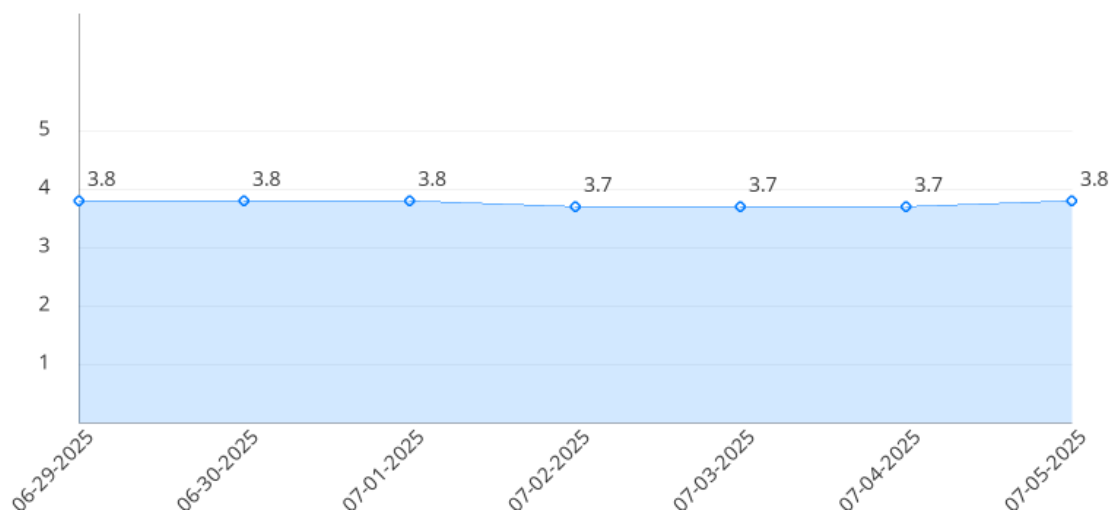
Relevant Articles

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Trump reduces Iran's nuclear cap... [June 30] – [Read article](#)
Bombings Set Back Iran's Nuclear... [June 30] – [Read article](#)
Iran's desire for nuclear weapon... [June 30] – [Read article](#)
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U.S. Attack on Iran's Nuclear Pr... [July 1] – [Read article](#)
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UK to buy fighter jets capable o... [July 1] – [Read article](#)
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Iran president signs law suspend... [July 3] – [Read article](#)
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Iran Now Has 'Incredible Incenti... [July 3] – [Read article](#)
U.K. Says It's Buying 12 F-35A S... [July 3] – [Read article](#)
UK to purchase fighter jets capa... [July 3] – [Read article](#)
B61-13 first production unit com... [July 4] – [Read article](#)
Israel warns of action if Iran r... [July 4] – [Read article](#)
China's H-20 Likely to Fire Hype... [July 4] – [Read article](#)
UK to Get Fighter Jets Capable o... [July 4] – [Read article](#)
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Putin Ally Says Countries Now Re... [July 5] – [Read article](#)
Iran's Nuclear Weapons Program I... [July 5] – [Read article](#)



Artificial Intelligence

Score Trend (Week of June 29–5, 2025)



This week, the AI risk level remains moderate, primarily due to ongoing advancements in AI capabilities and their integration into various sectors. Concerns persist about alignment, misuse, and the concentration of power in AI development, particularly in military and governmental contexts. The potential for AI misalignment and privacy issues, as well as the challenges of regulatory oversight, are highlighted as significant risks. Despite these concerns, the risk score has slightly decreased from 3.8 to 3.7, indicating a stable yet cautious outlook on AI developments. The focus remains on ensuring AI systems are aligned with human values and preventing their misuse.



Artificial Intelligence

Recommended Risk Reduction Actions

- **[Government]** Implement stricter regulations and oversight on AI deployment in military and governmental contexts to prevent misuse and concentration of power.
- **[Industry]** Develop and enforce robust ethical guidelines for AI development, particularly in areas with high potential for misuse.
- **[NGO]** Advocate for transparency and accountability in AI systems, particularly in their use by governments and large corporations.
- **[Academia]** Conduct interdisciplinary research on AI alignment and safety to develop robust solutions for long-term risks.
- **[International Organizations]** Facilitate global cooperation on AI standards and regulations to prevent misuse and ensure equitable benefits.



Artificial Intelligence

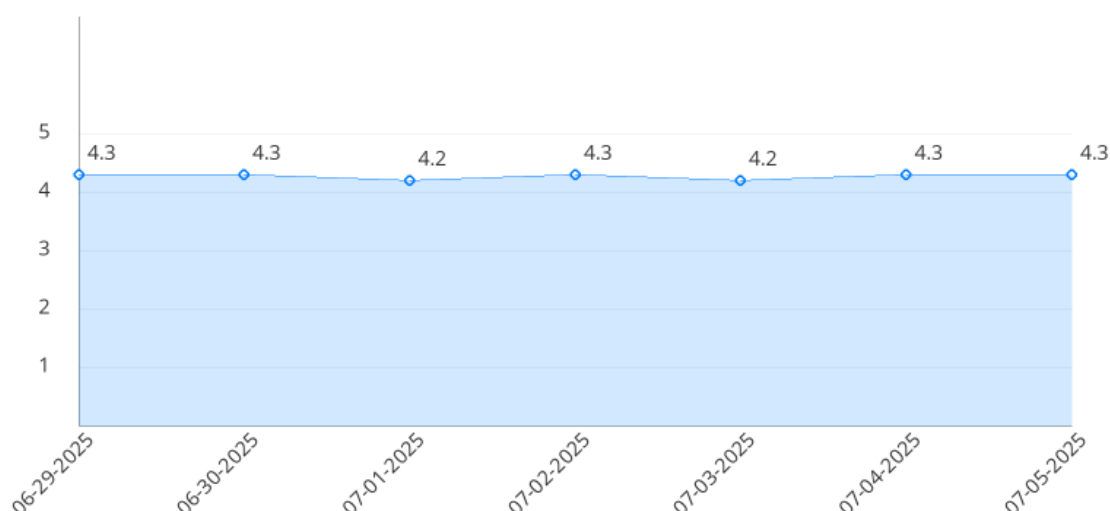
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Preparing for future AI risks in... [June 30] – [Read article](#)
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BenchmarkQED: Automated benchmar... [July 4] – [Read article](#)
Defending against Prompt Injecti... [July 4] – [Read article](#)
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Voice AI Startup ElevenLabs Plan... [July 5] – [Read article](#)



Climate Change

Score Trend (Week of June 29–5, 2025)



This week, the climate risk level remains consistently high due to a combination of accelerating global warming, extreme weather events, and increasing greenhouse gas emissions. These factors are compounded by policy challenges and insufficient mitigation efforts, which are failing to adequately address the growing threats to ecosystems and human communities. Record-breaking temperatures and policy setbacks have been highlighted as significant contributors to the heightened risk level. The urgent need for global cooperation and effective policy implementation is emphasized to mitigate these risks and enhance climate resilience.



Climate Change

Recommended Risk Reduction Actions

- **[Government]** Implement stricter regulations on greenhouse gas emissions, focusing on high-emission sectors to curb rising emissions.
- **[NGO]** Increase public awareness campaigns to educate communities on the health impacts of climate change and the importance of sustainable practices.
- **[Industry]** Invest in and adopt renewable energy technologies to reduce carbon footprints and support climate resilience.
- **[International Organizations]** Facilitate global cooperation to enhance climate adaptation strategies and provide support to vulnerable regions.
- **[Research Institutions]** Develop and promote advanced climate modeling tools to better predict and mitigate the impacts of extreme weather events.



Climate Change

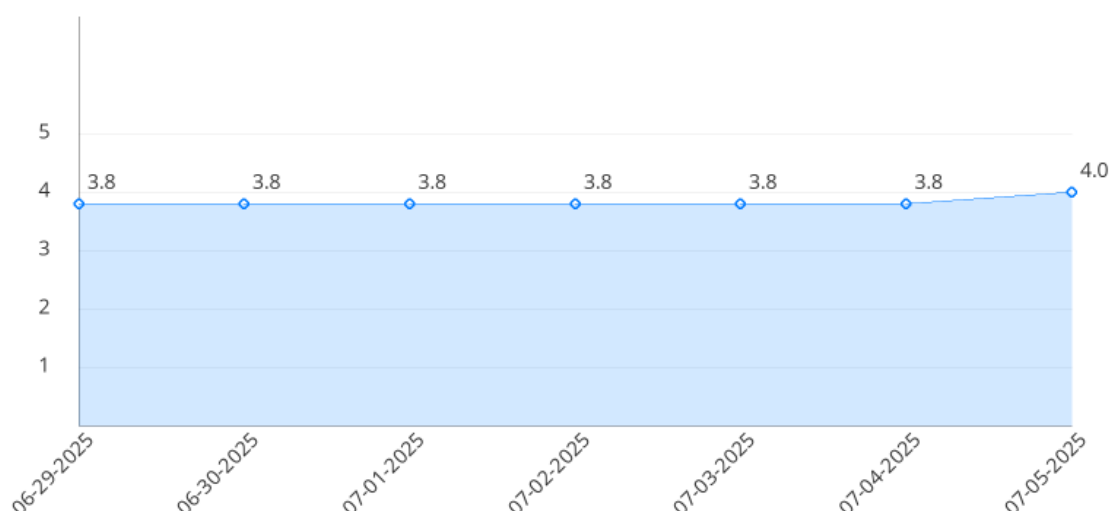
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Photos show Swiss glaciers' unce... [June 29] – [Read article](#)
Atmospheric observations in Chin... [June 30] – [Read article](#)
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The World Is Warming Up. And It'... [June 30] – [Read article](#)
Unprecedented June heat along th... [July 1] – [Read article](#)
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China-based emissions of three p... [July 1] – [Read article](#)
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National Climate Report Website ... [July 2] – [Read article](#)
E&E News: Lethal heat is Europe'... [July 2] – [Read article](#)
How unusual is this UK heat and ... [July 2] – [Read article](#)
Tornado season 2025: active thro... [July 3] – [Read article](#)
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Climate change has doubled the w... [July 3] – [Read article](#)
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Europe Boils Under Record Heatwa... [July 4] – [Read article](#)
Major climate change reports van... [July 4] – [Read article](#)
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Pandemics

Score Trend (Week of June 29–5, 2025)



This week, the pandemic risk level has been consistently moderate, primarily due to the emergence of new COVID-19 variants, increased outbreaks of infectious diseases such as avian flu and measles, and a growing mistrust in public health agencies. The situation escalated to a high-risk level towards the end of the week, driven by rising cases of avian flu and measles. Misinformation about vaccines and public health measures continues to exacerbate public mistrust, complicating efforts to manage these health threats. The need for improved communication strategies and enhanced surveillance of infectious diseases remains critical to addressing these challenges.



Pandemics

Recommended Risk Reduction Actions

- **[Government]** Increase funding for public health communication strategies to rebuild trust and counter misinformation about vaccines and health measures.
- **[NGO]** Collaborate with communities to improve vaccine access and address hesitancy, particularly in high-risk and underserved areas.
- **[Industry]** Accelerate research and development of vaccines targeting emerging COVID-19 variants and other infectious diseases.
- **[Healthcare]** Enhance global surveillance systems for emerging infectious diseases and improve rapid response capabilities.
- **[Media]** Promote accurate, evidence-based information about vaccines and public health measures to combat misinformation.



Pandemics

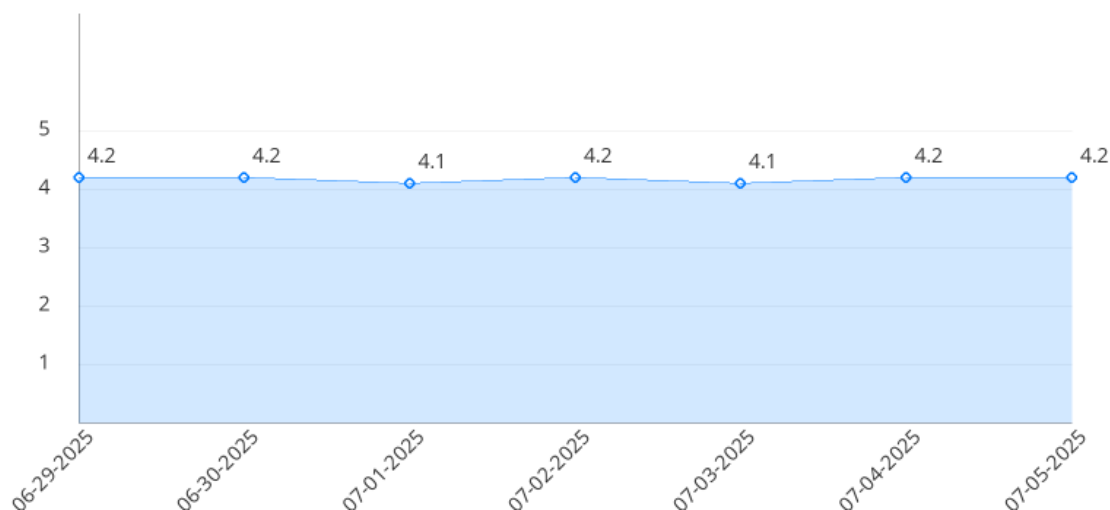
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Saudi Arabia confirms 9 MERS cas... [June 29] – [Read article](#)
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CDC estimates show jump in NB.1.... [June 30] – [Read article](#)
RFK announces new ACIP members, ... [June 30] – [Read article](#)
GAO to HHS: Fix 'persistent defi... [June 30] – [Read article](#)
Saudi Arabia confirms 9 MERS cas... [June 30] – [Read article](#)
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Cambodia logs fifth death from H... [July 2] – [Read article](#)
Texas reports 753 measles cases ... [July 2] – [Read article](#)
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CDC estimates show jump in NB.1.... [July 3] – [Read article](#)
H5N1 sickens another in Cambodia [July 3] – [Read article](#)
Cambodia announces 7th H5N1 avia... [July 3] – [Read article](#)
Kentucky confirms measles outbre... [July 3] – [Read article](#)
Health officials warn of measles... [July 3] – [Read article](#)
WHO adds XFG to SARS-CoV-2 varia... [July 4] – [Read article](#)
CDC estimates show jump in NB.1.... [July 4] – [Read article](#)
Measles outbreak in Kentucky con... [July 4] – [Read article](#)
Number of US measles cases on tr... [July 4] – [Read article](#)
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Bangladesh notifies WHO of 2 rec... [July 5] – [Read article](#)
HHS cancels funding for Moderna'... [July 5] – [Read article](#)
New State Reports Measles Outbre... [July 5] – [Read article](#)
Kentucky confirms measles outbre... [July 5] – [Read article](#)



Information Integrity

Score Trend (Week of June 29–5, 2025)



This week, the global threat level from misinformation remains high, driven by the proliferation of AI-generated content, deepfakes, and targeted misinformation campaigns. These false narratives are exacerbating geopolitical tensions, creating public confusion, and impacting sectors such as politics, health, and finance. The persistence of digital scams and the dissemination of fake news have further amplified these risks, leading to increased legal and social tensions. Despite ongoing efforts to address these challenges, the rapid evolution of misinformation tactics continues to outpace current detection and mitigation strategies.



Information Integrity

Recommended Risk Reduction Actions

- **[Government]** Implement stricter regulations and penalties for the creation and dissemination of deepfake content and other forms of digital misinformation.
- **[Industry]** Enhance AI and machine learning algorithms to better detect and flag AI-generated and manipulated content across platforms.
- **[NGO]** Increase investment in fact-checking initiatives and collaborate with independent fact-checkers to combat misinformation effectively.
- **[Education]** Develop and integrate media literacy programs into curricula to educate the public on identifying misinformation and enhance critical thinking skills.
- **[International Organizations]** Foster international cooperation to address cross-border misinformation campaigns and share best practices for mitigation.



Information Integrity

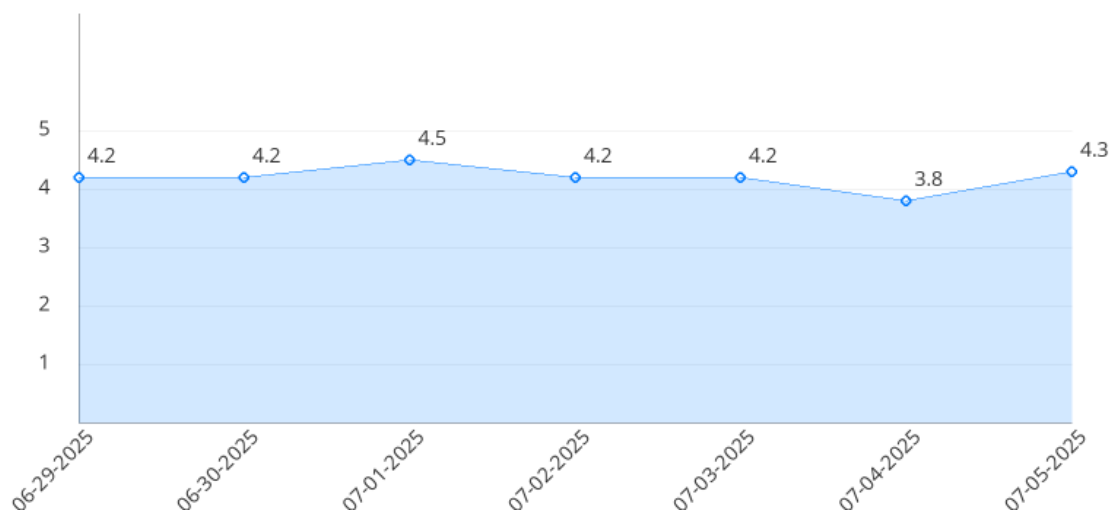
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Danish government seeks to make ... [June 29] – [Read article](#)
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Magazines caught using AI and fa... [June 30] – [Read article](#)
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Authorities undertaking climate ... [July 1] – [Read article](#)
Truth or Fake - Yes, viral video... [July 1] – [Read article](#)
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AI-generated content fuels misin... [July 2] – [Read article](#)
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X posts - Grok made up details a... [July 3] – [Read article](#)
The origin of public concerns ov... [July 3] – [Read article](#)
UN Climate Expert Urges Criminal... [July 3] – [Read article](#)
TikTok ADHD Misinformation Can M... [July 3] – [Read article](#)
Vercel's v0 AI Tool Weaponized b... [July 3] – [Read article](#)
Canada faces growing threat from... [July 4] – [Read article](#)
'Fake news': Iran denies ending ... [July 4] – [Read article](#)
North Korean hackers use fake Zo... [July 4] – [Read article](#)
Moldova Is the Testing Ground fo... [July 4] – [Read article](#)
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X posts - Grok made up details a... [July 5] – [Read article](#)
X brings AI into Community Notes... [July 5] – [Read article](#)
Ukrainian Authorities Debunk Fak... [July 5] – [Read article](#)



Unknown / Black Swan

Score Trend (Week of June 29–5, 2025)



This week, the escalating tensions between Israel and Iran have been highlighted as a significant Black Swan risk, with potential global implications due to the involvement of nuclear capabilities. The situation has been marked by military actions, unprecedented strikes, and ceasefire announcements, indicating a volatile geopolitical environment. These developments underscore the risk of a regional conflict that could have unpredictable and widespread ramifications. Additionally, renewed nuclear tensions in the Pacific have been noted as a potential existential threat to global stability. The situation requires careful monitoring and proactive measures to prevent further escalation and manage potential impacts.



Unknown / Black Swan

Recommended Risk Reduction Actions

- **[Government]** Initiate diplomatic efforts through international bodies such as the United Nations to mediate between Israel and Iran and de-escalate tensions.
- **[NGO]** Prepare humanitarian aid strategies and resources to support potential refugee crises resulting from escalated conflict in the Middle East.
- **[Media]** Provide balanced and factual reporting to prevent misinformation and public panic, ensuring accurate coverage of the situation.
- **[Industry]** Conduct scenario planning and risk assessments to understand potential impacts on global energy supplies and prepare contingency plans.
- **[Academia]** Enhance research on conflict resolution and peace-building strategies to provide insights and solutions for mitigating geopolitical tensions.



Unknown / Black Swan

Relevant Articles

Zamir: Iran's 'Destruction of Is... [June 29] – [Read article](#)
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Week in Review: June 29–5, 2025



This week, existential risk trends across various domains have shown notable developments. In the nuclear domain, tensions have risen due to military actions involving Iran's nuclear program and the UK's acquisition of nuclear-capable assets, raising proliferation concerns. The AI risk level remains moderate, with a slight decrease in risk score, though concerns about alignment and misuse persist. Climate change risks continue to be high, driven by extreme weather and policy challenges, emphasizing the need for global cooperation. Pandemic risks have escalated to high towards the week's end due to new variants and outbreaks, compounded by public mistrust. Information integrity threats remain high, with misinformation tactics evolving rapidly. Lastly, Black Swan risks are highlighted by escalating tensions between Israel and Iran, with potential global implications, necessitating careful monitoring and proactive management.



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.