



PANTHRISK WEEKLY RISK REPORT

Week of September 21–27, 2025

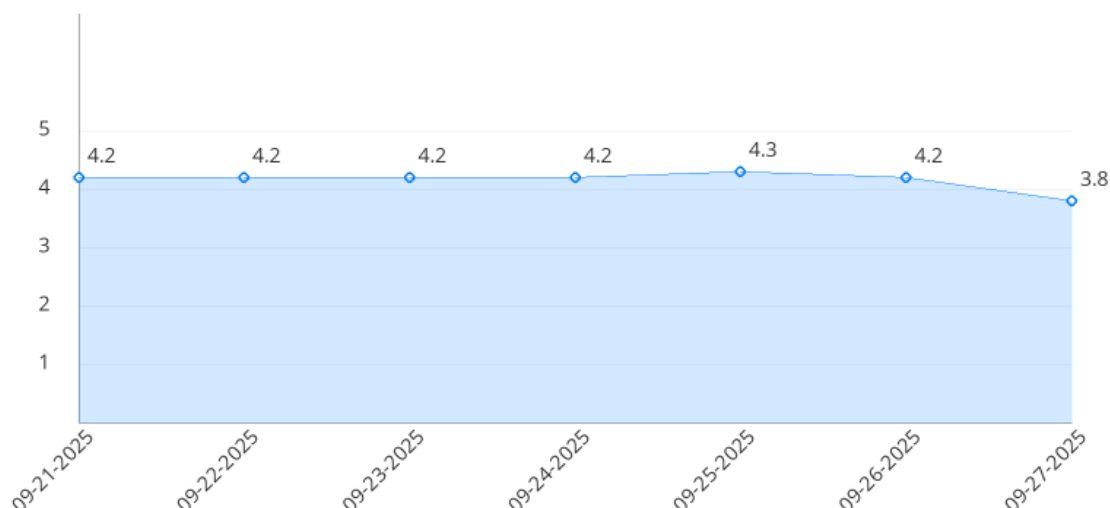
Pantrisk monitors humanity's most serious existential threats using curated news sources and AI-assisted analysis. Each day, our models evaluate key global developments, generate risk-level assessments, and propose actionable interventions. This weekly report summarizes the trends, risk shifts, and notable insights from September 21–27, 2025 across all tracked categories.

Generated: September 27, 2025



Nuclear War

Score Trend (Week of September 21–27, 2025)



This week, global nuclear tensions have escalated due to a combination of factors, including increased military exercises and rhetoric from North Korea, Russia, and NATO allies. There is also concern over China's military posturing and the modernization of nuclear arsenals, which is contributing to an elevated nuclear threat level. The refusal of North Korea to denuclearize, coupled with uncertainties surrounding nuclear treaties and the potential integration of AI into nuclear systems, has further exacerbated the situation. Geopolitical tensions, particularly involving major nuclear powers, and reduced diplomatic engagements have also played a significant role in heightening the threat level. Overall, the global nuclear threat remains elevated, necessitating urgent diplomatic and strategic interventions to mitigate risks.



Nuclear War

Recommended Risk Reduction Actions

- **[Government]** Facilitate urgent diplomatic dialogues between nuclear-armed states to address recent escalations and reaffirm commitments to arms control agreements.
- **[NGO]** Advocate for public awareness campaigns on the risks of nuclear proliferation and the importance of nuclear disarmament.
- **[Industry]** Invest in technologies that enhance verification and monitoring capabilities for nuclear treaties.
- **[International Organizations]** Convene an emergency session of the UN Security Council to address the proliferation risks in the Middle East and South Asia.
- **[Academia]** Conduct research on the integration of AI in nuclear systems and develop safety protocols to ensure responsible use.



Nuclear War

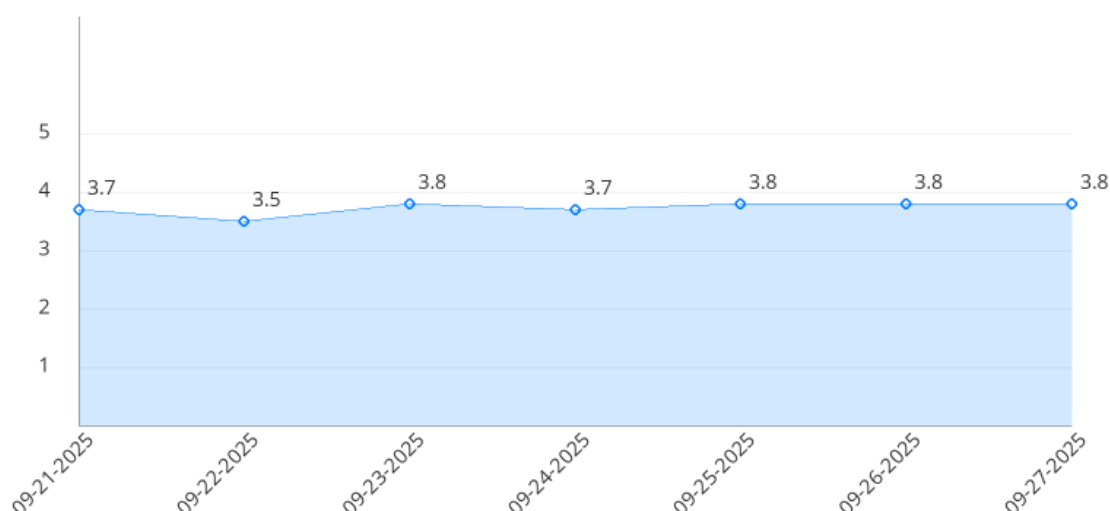
Relevant Articles

<i>'Ready To Host Nukes': Poland De...</i>	[September 21]	– Read article
<i>India joins Russia-Belarus drill...</i>	[September 21]	– Read article
<i>Moscow, Minsk rehearse nuclear w...</i>	[September 21]	– Read article
<i>Russia raises tensions with NATO...</i>	[September 21]	– Read article
<i>North Korea says its nuclear wea...</i>	[September 21]	– Read article
<i>Kim Jong Un open to US talks if ...</i>	[September 22]	– Read article
<i>"They're Building Nuclear War Bu...</i>	[September 22]	– Read article
<i>China Hardens Military Stance Ag...</i>	[September 22]	– Read article
<i>Russia and Belarus Practicing Nu...</i>	[September 22]	– Read article
<i>Moscow and Minsk rehearse launch...</i>	[September 22]	– Read article
<i>Putin again threatens the world ...</i>	[September 23]	– Read article
<i>The window for US-China nuclear ...</i>	[September 23]	– Read article
<i>Pakistan Opens Nuclear Weapons P...</i>	[September 23]	– Read article
<i>China Hardens Military Stance Ag...</i>	[September 23]	– Read article
<i>North Korea nuclear weapons stat...</i>	[September 23]	– Read article
<i>Iranian MPs Call for Nuclear Wea...</i>	[September 24]	– Read article
<i>Putin again threatens the world ...</i>	[September 24]	– Read article
<i>Iranian lawmakers urge review of...</i>	[September 24]	– Read article
<i>The window for US-China nuclear ...</i>	[September 24]	– Read article
<i>Pakistan Opens Nuclear Weapons P...</i>	[September 24]	– Read article
<i>War Department Continues Nuclear...</i>	[September 25]	– Read article
<i>B61-13 first production unit com...</i>	[September 25]	– Read article
<i>Unification Minister Estimates N...</i>	[September 25]	– Read article
<i>Putin advised to 'prepare to str...</i>	[September 25]	– Read article
<i>The threat of nuclear war is now...</i>	[September 25]	– Read article
<i>B61-13 first production unit com...</i>	[September 26]	– Read article
<i>Sandia's unique role in nuclear ...</i>	[September 26]	– Read article
<i>AI's potential use in nuclear we...</i>	[September 26]	– Read article
<i>North Korea building nuclear wea...</i>	[September 26]	– Read article
<i>The Proliferation Problem Is Bac...</i>	[September 26]	– Read article



Artificial Intelligence

Score Trend (Week of September 21–27, 2025)



This week, the AI risk level remained moderate, primarily due to rapid advancements in AI capabilities and strategic partnerships. Concerns centered around potential misuse, alignment challenges, and the concentration of power in AI development. Significant investments in AI infrastructure and safety initiatives were noted, alongside ongoing efforts to enhance AI safety and security. The need for robust safety frameworks and transparency in AI development was emphasized to address these risks. Additionally, there were discussions about the implications of AI in military applications and the importance of equitable access to AI technologies.



Artificial Intelligence

Recommended Risk Reduction Actions

- **[Government]** Implement and enforce comprehensive AI safety regulations to ensure alignment with human values and prevent misuse.
- **[Industry]** Foster transparency and collaboration among AI companies to mitigate risks associated with concentration of power and ensure diverse input in AI development.
- **[Academia]** Conduct interdisciplinary research on AI alignment and control mechanisms to address potential long-term existential risks.
- **[NGO]** Advocate for international cooperation and agreements on AI safety standards and ethical guidelines.
- **[Public]** Increase awareness and education on the implications of AI advancements to promote informed public discourse and policy-making.



Artificial Intelligence

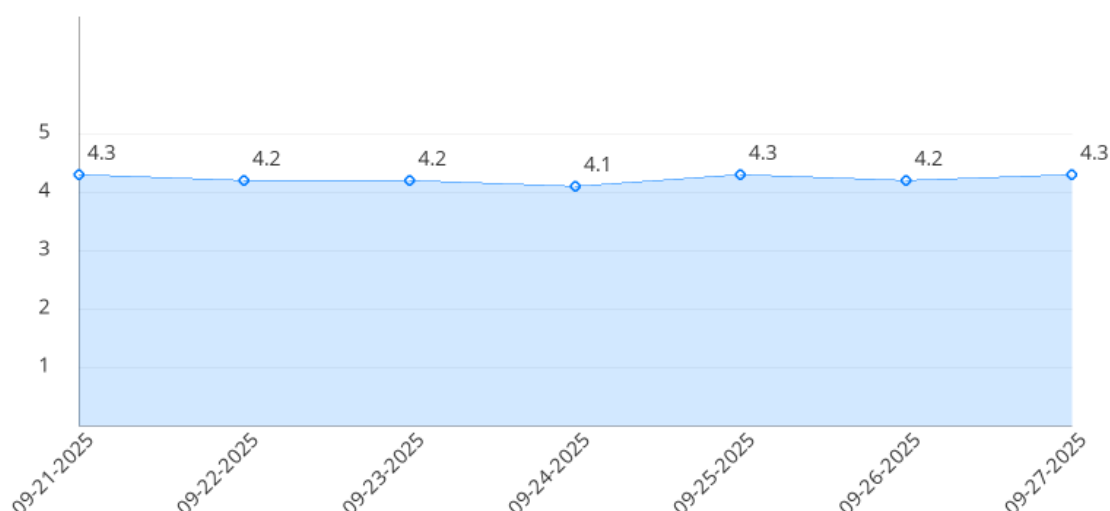
Relevant Articles

Detecting and reducing scheming ... [September 21] – [Read article](#)
Working with US CAISI and UK AIS... [September 21] – [Read article](#)
Introducing GPT-5 for developers [September 21] – [Read article](#)
Taking a responsible path to AGI [September 21] – [Read article](#)
California's SB 53 Mandates AI S... [September 21] – [Read article](#)
Detecting and reducing scheming ... [September 22] – [Read article](#)
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Estimating worst case frontier r... [September 22] – [Read article](#)
Evaluating potential cybersecuri... [September 22] – [Read article](#)
California's SB 53 Mandates AI S... [September 22] – [Read article](#)
OpenAI and NVIDIA announce strat... [September 23] – [Read article](#)
Nvidia and OpenAI agree US\$100 b... [September 23] – [Read article](#)
United States and Japan launch S... [September 23] – [Read article](#)
Google DeepMind expands frontier... [September 23] – [Read article](#)
Google Expands AI Risk Rules Aft... [September 23] – [Read article](#)
OpenAI, Oracle, and SoftBank exp... [September 24] – [Read article](#)
OpenAI and NVIDIA announce strat... [September 24] – [Read article](#)
OpenAI Unveils GPT - 5: A Leap C... [September 24] – [Read article](#)
OpenAI shows off Stargate AI dat... [September 24] – [Read article](#)
Nvidia to Invest Up to \$100 Bill... [September 24] – [Read article](#)
SAP and OpenAI partner to launch... [September 25] – [Read article](#)
OpenAI and NVIDIA announce strat... [September 25] – [Read article](#)
Working with US CAISI and UK AIS... [September 25] – [Read article](#)
Strengthening our Frontier Safet... [September 25] – [Read article](#)
DeepSeek Reveals AI Safety Risks... [September 25] – [Read article](#)
OpenAI, Oracle, and SoftBank exp... [September 26] – [Read article](#)
OpenAI and NVIDIA announce strat... [September 26] – [Read article](#)
Evaluating potential cybersecuri... [September 26] – [Read article](#)
Countries Consider A.I.'s Danger... [September 26] – [Read article](#)
How AI safety took a backseat to... [September 26] – [Read article](#)
SAP and OpenAI partner to launch... [September 27] – [Read article](#)
OpenAI and NVIDIA announce strat... [September 27] – [Read article](#)
Gemini Robotics 1.5 brings AI ag... [September 27] – [Read article](#)
Taking a responsible path to AGI [September 27] – [Read article](#)
Evaluating potential cybersecuri... [September 27] – [Read article](#)



Climate Change

Score Trend (Week of September 21–27, 2025)



This week, the trend in climate change has been marked by high risks due to a combination of accelerating extreme weather events, increased biodiversity loss, and significant policy challenges. There has been a notable rise in misinformation and political denial, which undermines global efforts to address climate change. Economic impacts are becoming more severe, with breaches of planetary boundaries and worsening water scarcity contributing to the overall risk. The need for effective climate policies and adaptation strategies is urgent, as the current conditions indicate a high risk of severe climate-related disruptions.



Climate Change

Recommended Risk Reduction Actions

- **[Government]** Implement and enforce stricter climate policies to reduce emissions and promote renewable energy.
- **[NGO]** Increase public awareness campaigns to counter misinformation and educate on the realities of climate change.
- **[Industry]** Invest in sustainable practices and technologies to reduce carbon footprints and enhance climate resilience.
- **[Academia]** Conduct and disseminate research on the impacts of climate change to inform policy and public understanding.
- **[International Organizations]** Facilitate global cooperation and support for vulnerable regions facing immediate climate threats.



Climate Change

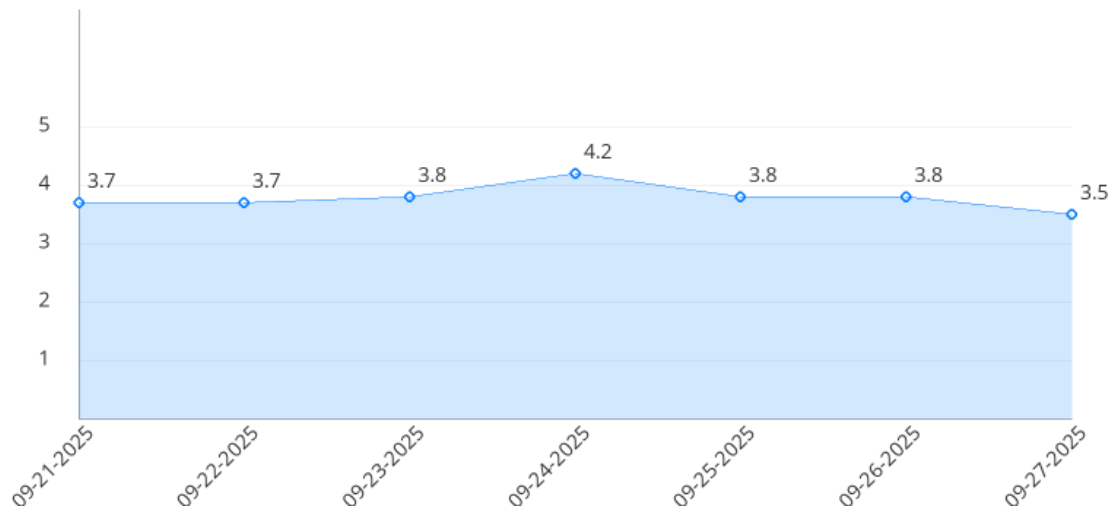
Relevant Articles

<i>Leaders promised to cut climate ...</i>	[September 22]	- Read article
<i>Research Suggests Climate Change...</i>	[September 22]	- Read article
<i>The 'blob' is back – except this...</i>	[September 22]	- Read article
<i>Climate Change vs Insurance Risk...</i>	[September 22]	- Read article
<i>'Crisis of justice' as floods de...</i>	[September 22]	- Read article
<i>At U.N., Trump Says Green Energy...</i>	[September 24]	- Read article
<i>Trump calls climate change a 'co...</i>	[September 24]	- Read article
<i>Trump Says Migration and Climate...</i>	[September 24]	- Read article
<i>'Climate Change Greatest Con Job...</i>	[September 24]	- Read article
<i>Trump calls climate change polic...</i>	[September 24]	- Read article
<i>By 2100, unchecked climate chang...</i>	[September 25]	- Read article
<i>Water Scarcity Likely to Worsen ...</i>	[September 25]	- Read article
<i>Ocean Acidification officially b...</i>	[September 25]	- Read article
<i>Some of New Orleans' flood defen...</i>	[September 26]	- Read article
<i>Climate Change Intensified Super...</i>	[September 26]	- Read article
<i>The Wildlife Trusts: Nature bein...</i>	[September 26]	- Read article
<i>Climate change: 1.8bn people at ...</i>	[September 26]	- Read article
<i>Banks retreat from climate chang...</i>	[September 26]	- Read article
<i>Climate Change to slash nearly a...</i>	[September 27]	- Read article
<i>The Unseen Impact Of Climate Cha...</i>	[September 27]	- Read article
<i>E&C Democratic Leaders Blast the...</i>	[September 27]	- Read article
<i>Amazon rainforest trees are resi...</i>	[September 27]	- Read article
<i>Day Zero Drought: Global warming...</i>	[September 27]	- Read article

Pandemics



Score Trend (Week of September 21–27, 2025)



This week, the pandemic risk level fluctuated between moderate and high, primarily due to ongoing outbreaks of COVID-19, avian flu, MERS, and the emergence of measles. Challenges in vaccine deployment and public health responses, compounded by misinformation, have been significant factors impacting the risk level. Despite advancements in vaccine access and development, public health systems are strained, and misinformation continues to hinder effective response efforts. The pandemic risk peaked mid-week with a high score due to increased cases of measles and avian flu, alongside persistent COVID-19 challenges. Overall, the situation underscores the need for robust public health strategies and improved communication to manage these infectious disease threats effectively.



Pandemics

Recommended Risk Reduction Actions

- **[Government]** Enhance public health infrastructure and invest in rapid response teams to manage outbreaks of measles, avian flu, and other infectious diseases.
- **[NGO]** Launch targeted education campaigns to counter misinformation and promote vaccine uptake, focusing on high-risk and underserved communities.
- **[Industry]** Accelerate the development and distribution of vaccines and treatments for emerging infectious diseases, ensuring equitable access.
- **[International Organizations]** Facilitate cross-border collaboration and resource sharing to effectively manage and contain outbreaks of diseases like avian flu and MERS.
- **[Public Health Agencies]** Strengthen surveillance and reporting systems to ensure timely detection and response to emerging infectious disease threats.



Pandemics

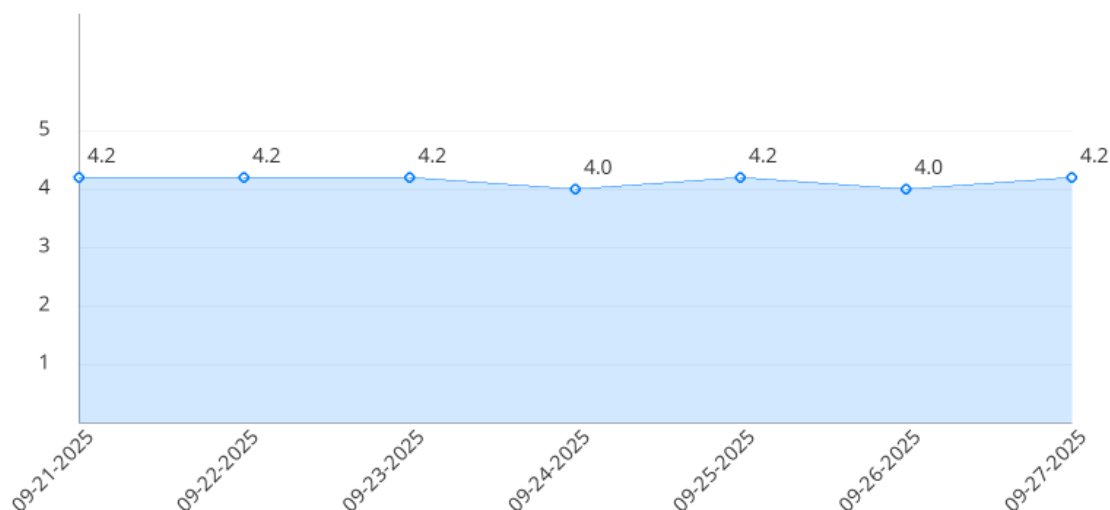
Relevant Articles

Poll finds low public confidence... [September 21] – [Read article](#)
US COVID levels may be peaking, ... [September 21] – [Read article](#)
US COVID activity gains more steam [September 21] – [Read article](#)
Cambodia announces 15th human H5... [September 21] – [Read article](#)
Saudi Arabia confirms 9 MERS cas... [September 21] – [Read article](#)
Moderna data show strong immune ... [September 22] – [Read article](#)
Illinois, Arizona, Virginia issu... [September 22] – [Read article](#)
US COVID activity gains more steam [September 22] – [Read article](#)
USDA confirms first H5N1 avian f... [September 22] – [Read article](#)
Saudi Arabia confirms 9 MERS cas... [September 22] – [Read article](#)
Poll finds low public confidence... [September 23] – [Read article](#)
US COVID levels may be peaking, ... [September 23] – [Read article](#)
US COVID activity gains more steam [September 23] – [Read article](#)
CDC says avian flu may infect th... [September 23] – [Read article](#)
Cambodia announces 15th human H5... [September 23] – [Read article](#)
WHO notes 4 new MERS cases, 2 fa... [September 23] – [Read article](#)
Northeast states form alliance t... [September 23] – [Read article](#)
US COVID levels may be peaking, ... [September 24] – [Read article](#)
Quick takes: More flu deaths in ... [September 24] – [Read article](#)
Health officials warn of growing... [September 24] – [Read article](#)
Measles outbreak worsens along A... [September 24] – [Read article](#)
DRC Ebola outbreak puts neighbou... [September 24] – [Read article](#)
Sudan cholera outbreak tops 113,... [September 24] – [Read article](#)
US COVID activity gains more steam [September 25] – [Read article](#)
USDA confirms first H5N1 avian f... [September 25] – [Read article](#)
Saudi Arabia confirms 9 MERS cas... [September 25] – [Read article](#)
WHO notes 4 new MERS cases, 2 fa... [September 25] – [Read article](#)
COVID vaccine may boost antibody... [September 25] – [Read article](#)
US COVID levels may be peaking, ... [September 26] – [Read article](#)
US COVID activity gains more steam [September 26] – [Read article](#)
Cambodia announces 15th human H5... [September 26] – [Read article](#)
Saudi Arabia confirms 9 MERS cas... [September 26] – [Read article](#)
WHO notes 4 new MERS cases, 2 fa... [September 26] – [Read article](#)
Measles outbreak in Jerusalem: t... [September 26] – [Read article](#)
Measles Outbreak Spreads in Ariz... [September 26] – [Read article](#)
US COVID declining after reachin... [September 27] – [Read article](#)
CDC advisers weaken COVID vaccin... [September 27] – [Read article](#)
Report: Cardiac risks must be co... [September 27] – [Read article](#)
Cambodia announces 15th human H5... [September 27] – [Read article](#)
Saudi Arabia confirms 9 MERS cas... [September 27] – [Read article](#)
Ebola outbreak in DR Congo rages... [September 27] – [Read article](#)



Information Integrity

Score Trend (Week of September 21–27, 2025)



This week, the global threat level from misinformation remains consistently high, with a particular focus on political disinformation, health misinformation, and the resurgence of previously banned misinformation accounts. The proliferation of fake news, conspiracy theories, and AI-generated content continues to pose significant challenges. Election interference and Russian disinformation tactics have also been highlighted as key contributors to the current misinformation landscape. Despite ongoing efforts to address these issues, the persistence of false claims and scams indicates a need for more robust interventions. The situation underscores the importance of enhancing detection and response mechanisms to mitigate the impact of misinformation.



Information Integrity

Recommended Risk Reduction Actions

- **[Government]** Implement stricter regulations and oversight on social media platforms to prevent the spread of misinformation, particularly during elections.
- **[Industry]** Enhance AI and machine learning tools to better detect and flag misinformation and deepfakes in real-time.
- **[NGO]** Launch public awareness campaigns to educate individuals on identifying and avoiding scams and misinformation.
- **[Education]** Integrate media literacy programs into educational curricula to equip students with skills to critically evaluate information.
- **[International Organizations]** Collaborate internationally to track and counteract disinformation campaigns, particularly those with geopolitical motives.



Information Integrity

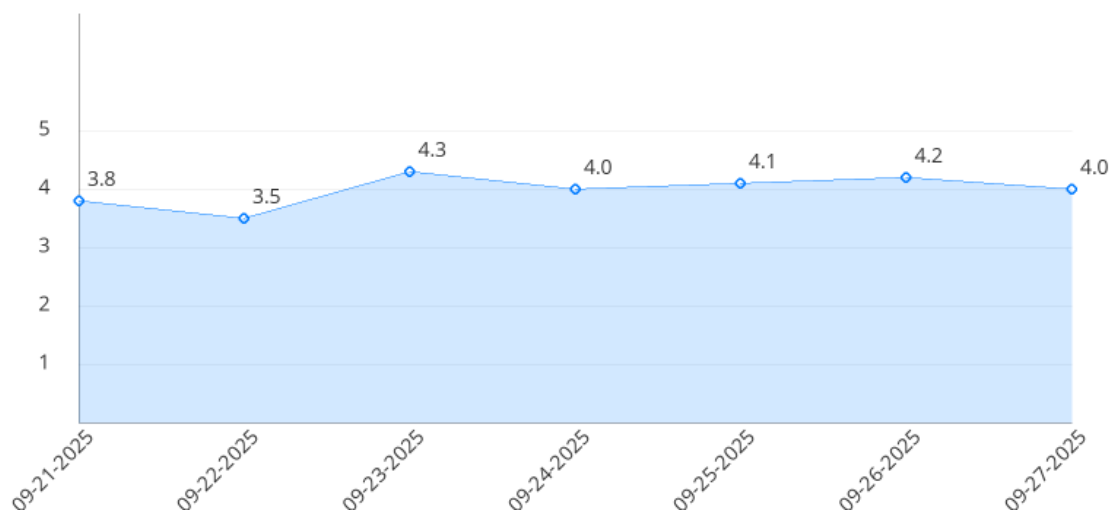
Relevant Articles

<i>&#x27;Rough road ahead&#x27;; Ch...</i>	[September 21]	– Read article
<i>Charlie Kirk assassination consp...</i>	[September 21]	– Read article
<i>Trans shooters disinformation su...</i>	[September 21]	– Read article
<i>Fact check: The fake photos, fal...</i>	[September 21]	– Read article
<i>Conservatives Fall More Easily f...</i>	[September 21]	– Read article
<i>Slop-ocalypse: How AI-Generated ...</i>	[September 23]	– Read article
<i>Federal COVID vaccine policies f...</i>	[September 23]	– Read article
<i>GOP candidate posts fake AI vide...</i>	[September 23]	– Read article
<i>Vaccine mandates misinformation:...</i>	[September 23]	– Read article
<i>Russia steps up disinformation e...</i>	[September 23]	– Read article
<i>Facebook data reveal the devasta...</i>	[September 24]	– Read article
<i>YouTube to reinstate creators ba...</i>	[September 24]	– Read article
<i>Autism Edmonton shares concerns ...</i>	[September 24]	– Read article
<i>Trump’s Unfounded Claims About T...</i>	[September 24]	– Read article
<i>YouTube to Reinstate Users Banne...</i>	[September 24]	– Read article
<i>YouTube reversing bans on creato...</i>	[September 25]	– Read article
<i>Russia Targets Moldovan Election...</i>	[September 25]	– Read article
<i>YouTube restores accounts suspen...</i>	[September 25]	– Read article
<i>Countering false and misleading ...</i>	[September 25]	– Read article
<i>Experts and advocates react to m...</i>	[September 25]	– Read article
<i>YouTube to welcome back content ...</i>	[September 26]	– Read article
<i>“Weapons of war”: Disinformation...</i>	[September 26]	– Read article
<i>Research: Flagged Misinformation...</i>	[September 26]	– Read article
<i>Russian forces hack Ukrainska Pr...</i>	[September 26]	– Read article
<i>YouTube reopens doors to banned ...</i>	[September 26]	– Read article
<i>Trump press conference fuels mis...</i>	[September 27]	– Read article
<i>Zero-shot Visual Deepfake Detect...</i>	[September 27]	– Read article
<i>Assam police warns against fake ...</i>	[September 27]	– Read article
<i>Kishore Mahbubani, lauded in Hon...</i>	[September 27]	– Read article



Unknown / Black Swan

Score Trend (Week of September 21–27, 2025)



This week, the concept of 'Black Swan' events has been highlighted across various domains, including health, geopolitics, economics, and technology. The emergence of antimicrobial-resistant pathogens and zoonotic diseases in new regions poses a significant risk to global health security. Geopolitical tensions, particularly in the U.S., have raised concerns about potential 'black swan' events that could have cascading impacts. Additionally, the U.S. stock market faces the risk of a significant crash, reminiscent of the 1929 crash, following a predicted surge. Lastly, Russia's warning about AI as an existential threat underscores the potential for unforeseen consequences in the technological domain. These developments underscore the unpredictable nature of Black Swan events and the need for comprehensive preparedness across sectors.



Unknown / Black Swan

Recommended Risk Reduction Actions

- **[Government]** Enhance international collaboration and information sharing to monitor and respond to emerging antimicrobial-resistant pathogens and zoonotic diseases.
- **[Financial Institutions]** Conduct stress tests and implement robust financial regulations to mitigate the impact of potential market volatility and crashes.
- **[NGO]** Increase public awareness campaigns on the risks of antimicrobial resistance and zoonotic diseases to foster community preparedness.
- **[Industry]** Develop and enforce ethical standards and transparency in AI research to mitigate potential existential threats.
- **[Academia]** Conduct interdisciplinary research to better understand and predict the cascading impacts of geopolitical, environmental, and technological Black Swan events.



Unknown / Black Swan

Relevant Articles

- Neonatal Gonococcal Conjunctivit...* [September 21] – [Read article](#)
- Zoonotic Baylisascaris procyonis...* [September 21] – [Read article](#)
- Zoonotic Soil-Transmitted Helmin...* [September 21] – [Read article](#)
- Bat-Associated Hemotropic Mycopl...* [September 21] – [Read article](#)
- Angiostrongylus cantonensis Lung...* [September 21] – [Read article](#)
- A 'black swan' event is looming ...* [September 23] – [Read article](#)
- Palestinians under 'existential ...* [September 23] – [Read article](#)
- European Syriac Union issues urg...* [September 23] – [Read article](#)
- Former UK PM warns of the 'exist...* [September 23] – [Read article](#)
- Black Swan Fund Universa Predict...* [September 25] – [Read article](#)
- Black Swan Manager Sees Huge Ral...* [September 25] – [Read article](#)
- US stocks may surge another 20% ...* [September 25] – [Read article](#)
- The 'Black Swan' fund manager pr...* [September 25] – [Read article](#)
- Russia Warns AI Race Could Pose ...* [September 27] – [Read article](#)
- It's Debatable: Does the rise of...* [September 27] – [Read article](#)

Week in Review: September 21–27, 2025



This week, existential risk trends across various domains have shown notable developments. In the nuclear war domain, tensions have heightened due to increased military activities and rhetoric from key global players, with concerns over nuclear modernization and AI integration adding complexity. The AI domain remains moderately risky, with advancements and strategic partnerships raising concerns about misuse and the need for robust safety frameworks. Climate change risks are high, driven by extreme weather events and policy challenges, alongside misinformation that undermines mitigation efforts. Pandemic risks fluctuate between moderate and high, with ongoing outbreaks and misinformation impacting public health responses. Information integrity threats remain high, fueled by political and health misinformation, highlighting the need for stronger detection and response mechanisms. Lastly, the potential for 'Black Swan' events is emphasized across sectors, with emerging health threats and geopolitical tensions posing unpredictable risks, underscoring the importance of preparedness.



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.