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CRISIS DEFINITIONS

Frequency

The rate at which something occurs or is repeated over a particular period of time or in a given sample

Magnitude

The size or extent of an event measured in lives lost, injuries and physical damage

TYPES OF EVENTS

Low frequency, high magnitude (macro events)

- Natural disasters
- + Civil unrest, war
- + Disease outbreaks

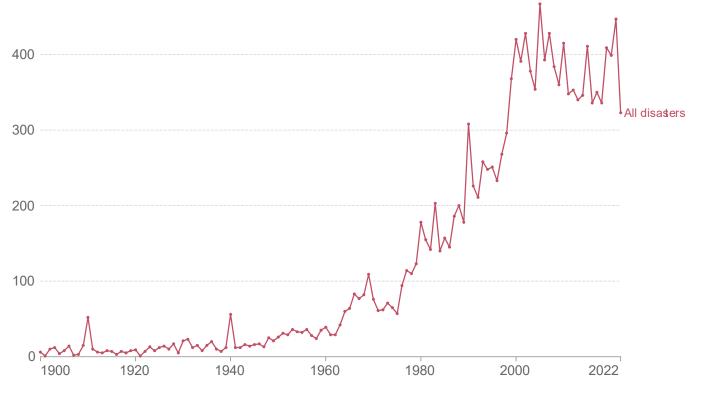
High frequency, low magnitude (micro events)

- + Motor vehicle accidents
- + Violent crime
- + Traveler medical issues

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TYPES OF EVENTS - MACRO

NATURAL DISASTERS 1900 - 2022



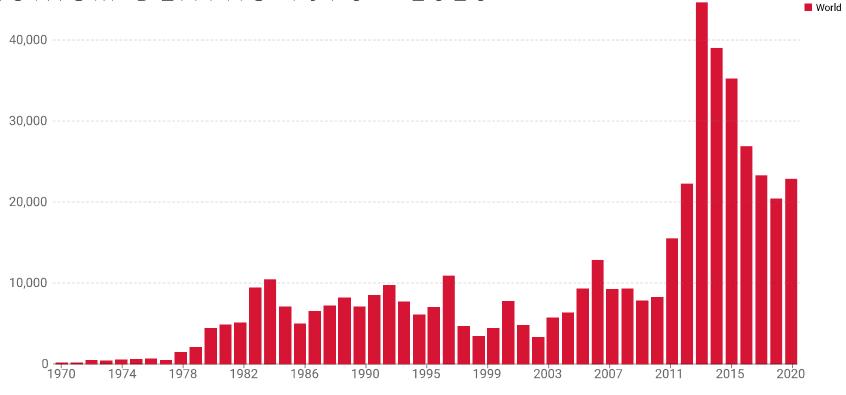


Source: EM-DAT, CRED / Université catholique de Louvain, Brussels Belgium)

OurWorldInData.org/ natural-disasters • CC BY

TYPES OF EVENTS - MACRO

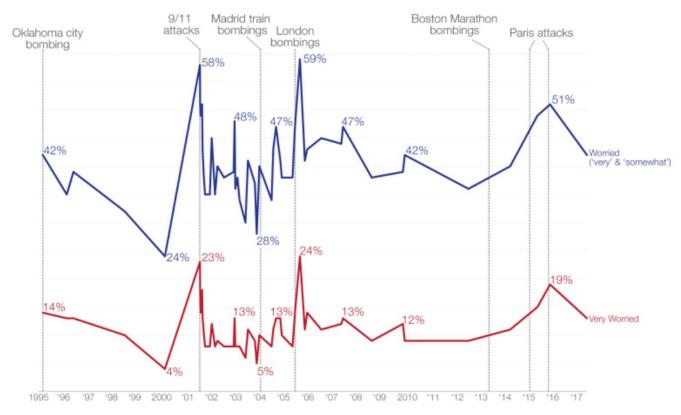
TERRORISM DEATHS 1970 - 2020



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PERCEIVED RISK

TERRORISM

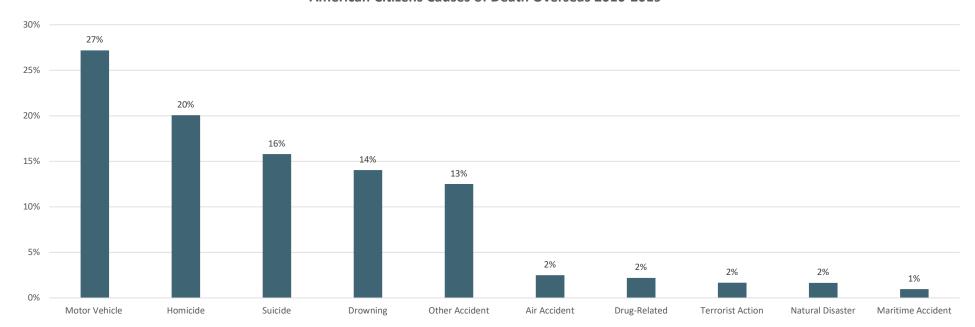




ACTUAL RISK

U.S. TRAVELER DEATHS

American Citizens Causes of Death Overseas 2010-2019





COVID COMPARED

IT CAN ALWAYS BE MUCH WORSE

COVID

CASES

659 million

DEATHS

~6.9 million

% OF POP

0.09%

Spanish flu

CASES

~500 million

DEATHS

~50 million

% OF POP

3%

Bubonic plague

CASES

Unknown

DEATHS

~50 million

% OF POP

17%

(30% of Europe)

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2019

2020

2021

TRAVEL & TOURISM GPD (PERCENTAGE OF GLOBAL GDP)

10.3%

5.3%

6.1%

CHANGE IN TRAVEL & TOURISM (YEAR ON YEAR)



-50.4%

-\$4.9 trillion GDP loss

+21.7%

+1 trillion GDP gain

JOBS SUPPORTED BY TRAVEL & TOURISM

333m

1/10 of global employment

271m

1/12 of global employment

289m

1/11 of global employment

(2014-2019)

1/4

Of all global net new jobs were created by Travel & Tourism

Change in jobs (Year on year)

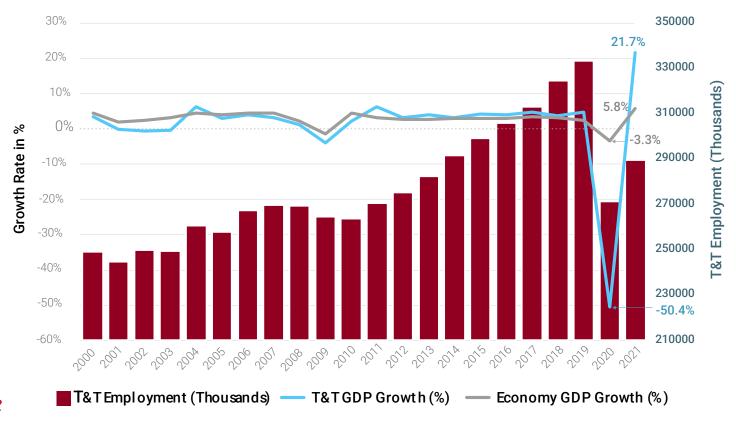
-62m

Jobs lost

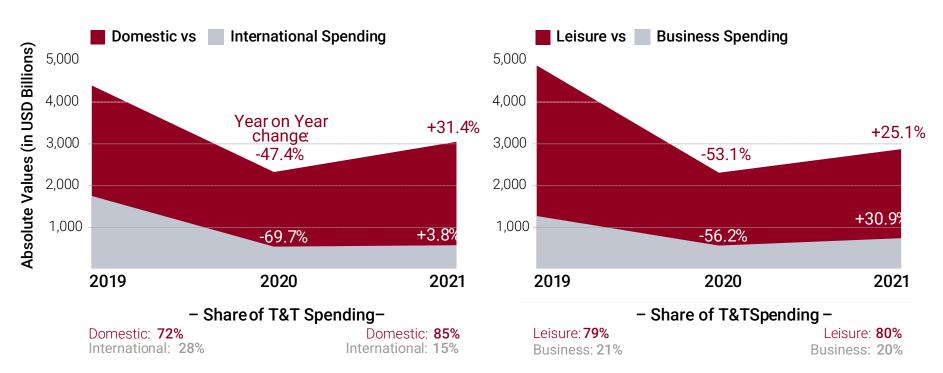
+18.2

Jobs gained

ECONOMIC IMPACT TIMELINE

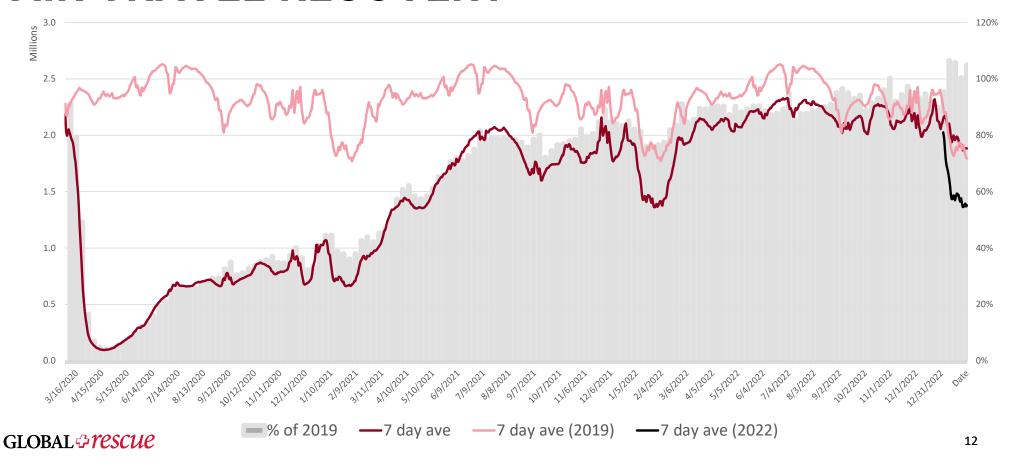


DOMESTIC OUTPACES INTERNATIONAL; LEISURE OUTPACES BUSINESS

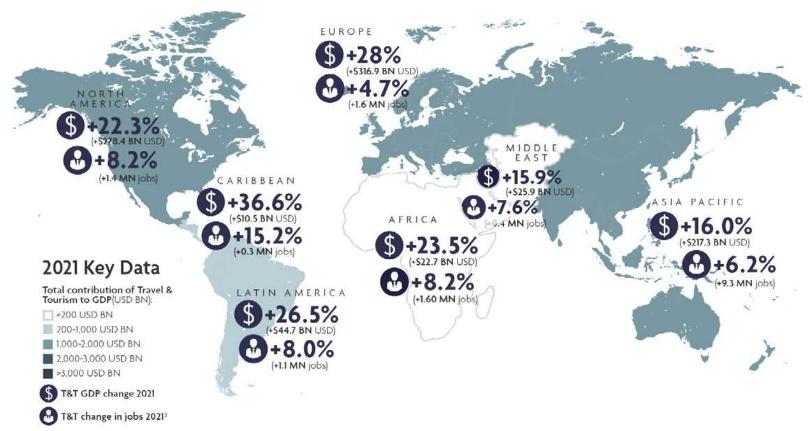


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AIR TRAVEL RECOVERY



REGIONAL OVERVIEW



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RECOVERY THREAT

UKRAINE WAR

- + Low impact for most tourism
- Creates general climate of insecurity and caution
- Regional impact for surrounding areas



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RECOVERY THREAT

CHINA/TAIWAN WAR

- Low likelihood of conflict
- China is considerably weaker than most people think
- Businesses leaving China due to CCP policies
- Massive Covid spread risks creation of a new variant



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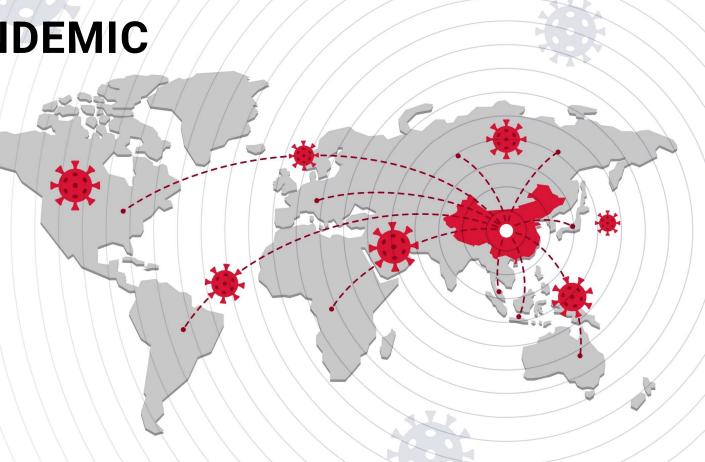
PAP

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RECOVERY THREAT

ANOTHER PANDEMIC

- Very unlikely near term
- Covid Variant 5bb+ likely have natural immunity; therapeutic efficacy
- + Long-term threat significant



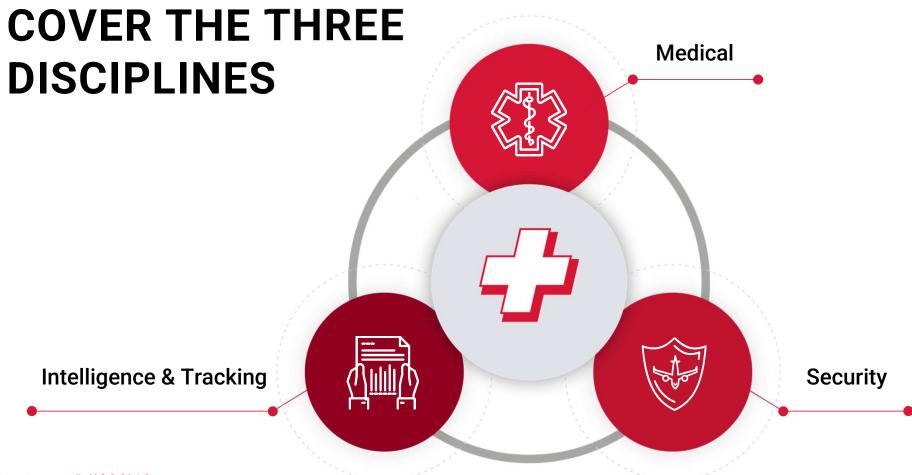
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MAKE AN EMERGENCY ACTION PLAN (EAP)

- + Identify risks (macro/micro)
- Plan + prepare Define response systems + protocols
- Mitigate risks Recovery



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CASE STUDY: HOTCHKISS

- 2014 Cara Munn, an American teenager, contracts tick-borne encephalitis while traveling in China in 2014
- It takes 10 days before she is evacuated to the US; parents have to fly to China and do it themselves
- School found to have breached their duty of care
- **2015 \$41.5M** jury award
- 2017 State Supreme Court upholds
- 2018 U.S. Appeals Court again upholds

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Munn v. Hotchkiss School: A Risk **Management Case Study**



of Munn v. Hotchkiss Scho webinar on the topic in 20 disease-infected tick whil China. The insect bite re student, who lost moves that causes her to droc the school, which had

For quite some time now, th

the Connecticut Supreme (



As a resi offering study abroad programs out of fear they could be held liable to the tune of tens of millions of dollars in the event students control

Higher education groups joined with K-12 school organizations in filing an amicus brief in support of the Hotchkiss School in the case against at filed by the Munn family. The Munns argued that Hotchkias, a private boarding school in Connecticut, had been negligent by failing to warn students on a trip to China of the risk of viral encephalins and by failing to ensure they took precautions against insect bite According to court documents, Cara Munn, who was 15 at the time of the month-long Hotchkiss-organized trip in 2007, fell ill from tick-borne encephalitis after hixing on China's Mount Panshan, which a federal court order describes as a forested mountain. The order

'No warnings to wear bug spray were given. Trip leader [Jean] Yu left her bug spray on the bus. After hiking to the top of the mountain, a group of three or four students, including Munn, decided to hike down, while the others took a cable car. Yu pointed them to the path and said that she would wait for them at the bottom. Munn testified that the students decided to leave the paved path and follow narrow dirt. trails instead. The students got lost and walked among trees and through brush.

"Munn testified at trial that after the trip to Mount Pan(shan) she had many insent hiter and awoke with a headache, a fever and wor

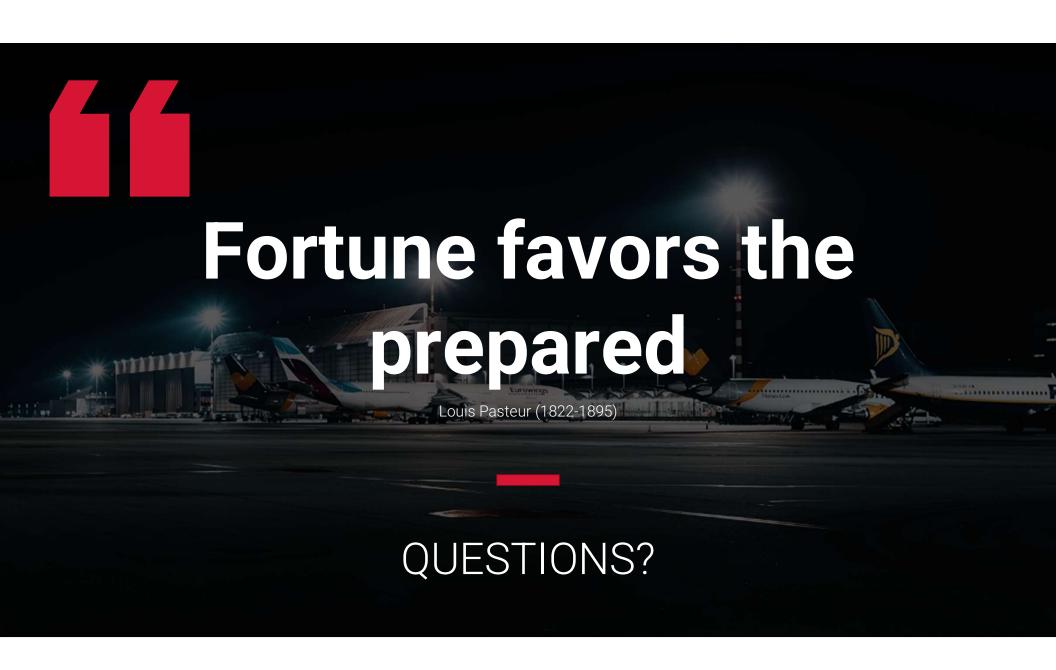
- is breath awaiting

Study Abroad and a \$41.5 Million Verdict Could finding in favor of a high school student infected by a tick-borne disease on a school trip to China have a chilling effect on other study abroad programs?



CASE STUDY: ARAB SPRING





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