

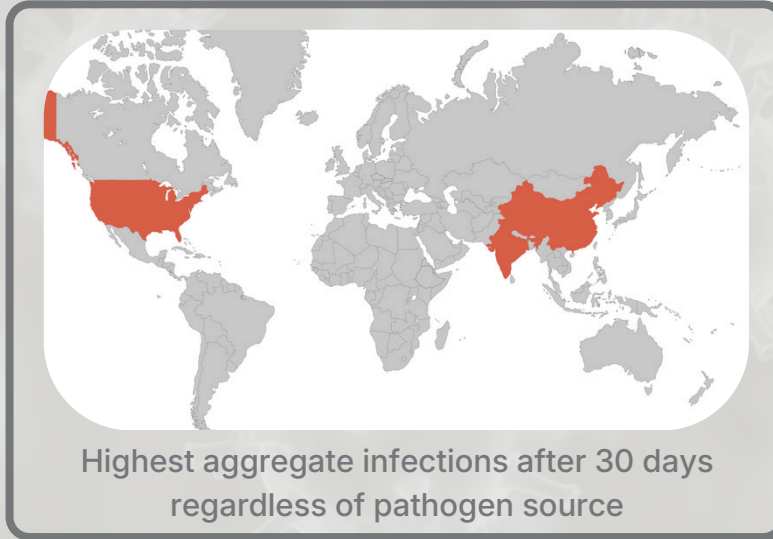
Global Pandemics

Connectivity + Origin Risk = Outbreak Risk



Emerging Infectious Diseases

Often of rural origin.
Risk quickly shifts to global travel hubs.



High Containment Lab Leaks

Located in urban centers of high-population countries.

KEY FINDING: Three countries (USA, India, China) identified as critical intervention points due to their central position in global travel networks.

Interventions Consistent With Findings

Metagenomic Sequencing



Airport-based wastewater testing to catch pathogens in transit.

Targeted Travel Interventions



Precommitted travel restrictions at major hubs to disrupt transmission.

Valuable Future Info Gathering

Unified Biorisk Standards



Global oversight and safety protocols for high containment laboratories.