Health Security at Academic Health Centers
Selected Readings

Bajema NE, Beaver W, Parthemore C. Toward a global pathogen early warning system: Building on the landscape of bio-surveillance today.

This 100-page report from the Council on Strategic Risks includes a 3-page executive summary. The report aims to provide an understanding of the existing surveillance systems by highlighting effective examples and also identifying challenges and gaps. The report makes a series of recommendations for the international community including: setting interoperability parameters, continuously conducting assessments of the bio-surveillance field, investing in diverse tools for diverse settings, and expanding cooperative biological engagement programs.


A 4-page call for a global system to detect diseases with pandemic potential. The multidisciplinary author team provides examples of existing syndromic and viral surveillance systems and then propose a model based on lessons learned from the impact of COVID-19.

Freely Accessible: https://www.bmj.com/content/372/bmj.n485.short

A 10-page conceptual analysis of health security that proposes health security should be considered with the aim of being informed by multi-actors, cooperation initiatives, and ethics that are aware of postcolonial and feminist critiques of the traditional model of health security. The author proposes a broader framework for health security with the potential to improve health outcomes beyond acute public health crises.


**McCoy SI, MacDonald PD. Need to amplify health security? Fuse academia and practice. Public Health Reports. 2020 Jun 3:0033354920935075.**

A 4-page commentary from public health professionals reflecting on the COVID-19 pandemic and the role that Centers for Health Preparedness might have played had they been continually funded and supported past the early 2000s. The authors highlight a lack of coordination between academic public health programs and government public health response initiative.

Freely Accessible: [https://journals.sagepub.com/doi/10.1177/0033354920935075](https://journals.sagepub.com/doi/10.1177/0033354920935075)


A 9-page scoping review that identifies evidence- and practice based indicators for measuring health security at the country level. These indicators incorporate four foundational principles for measuring global health security: measurement of existing capacities, assessments of national programs to inform useful metrics, measurement requires enabling factors facilitating health security strengthening efforts, and consideration of social, political, and ecological risk environments.


**The National Health Security Preparedness Index 2021: Summary of Key Findings**

A 21-page report introduces the National Health Security Index, including its 6 broad domains, and details state and national level information from 2013-2021 from 129 measures. The NHSPI tracks the nation's progress (scale 1-10) in preparing for, responding to, and recovering from health consequences of disasters, disease outbreaks, and other large scale emergencies. The impact of COVID-19 is discussed extensively throughout.
Freely Accessible: [https://nhspi.org/tools-resources/2021-key-findings/nhspi-2021-key-findings/](https://nhspi.org/tools-resources/2021-key-findings/nhspi-2021-key-findings/)

*The Independent Panel for Pandemic Preparedness and Response. COVID-19: Make it the last pandemic.*

The Independent Panel, convened by the WHO, created a series of reports and peer reviewed articles that are available at the below website. The centerpiece of the site is the 86-page report, COVID-19: Make it the Last Pandemic. This report includes a review of global responses to the pandemic and proposes a series of recommendations and presents a potential road map for the future.