

## **iJEResearch**

International Journal of Education and Research Vol. 1, Number 1, March - 2025 | Peer-Reviewed Journal ISSN 2764-9733 | ijeresearch.org DOI: 10.5281/zenodo.15131401

## HEALTH SURVEILLANCE IN BRAZIL: VULNERABILITIES AND HEALTH STRATEGIES TO DEAL WITH FUTURE PANDEMICS

## **AUTHORS**

**Camila Cristina Rodrigues:** Nurse. Educator. Master in Semiotics, Information Technology and Education. PhD student in the Doctorate Program in Public Health – UNIDA/Instituto iiEP.

Contact: profcamilacristinarodrigues@gmail.com

**Paulo Rossi da Silva Pimenta:** Obstetric Nurse. Master in Health Sciences from PPGCS/UNIFAP. PhD student in the Doctorate Program in Public Health – UNIDA/Instituto iiEP.

Contact: unifaprossy@gmail.com

**Apolonia Rita Soares de Abreu:** Biologist. Master's student in the Doctorate Program in Public Health - UNIDA/Instituto iiEP.

Contact: apolonia@hucff.ufrj.br

Ricardo De Bonis: PhD, MBA, teacher of the Doctorate Program in Public Health – UNIDA/

Instituto iiEP.

Contact: ricardo@debonis.com.br

## **ABSTRACT**

This article presents a systematic review of the literature on health surveillance in Brazil in recent years, focusing on vulnerabilities and strategies for dealing with future pandemics. The methodology used is a systematic review, using databases such as LILACS, Scielo and Google Scholar. The results indicate that, although there have been significant advances in epidemiological surveillance, there are still important gaps that need to be addressed, respecting the different social groups. The discussion addresses the main vulnerabilities identified and proposes strategies to strengthen the surveillance system in Brazil based on an inclusive intersectoral model. It is concluded that the main vulnerabilities are associated with the need to adapt public policies to the social characteristics of the groups. The main strategies are supported by increasing social participation and access to health.

**Keywords:** Public health surveillance. COVID-19. Brazil. Strategy. Vulnerability.