

# The Brazilian EIOS experience: an innovative training approach

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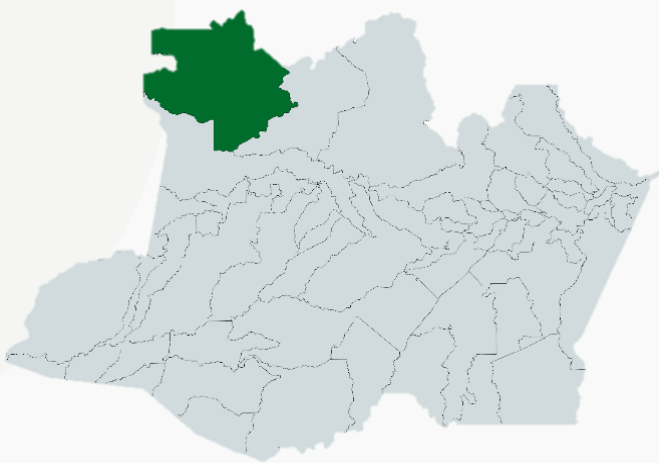


# OUR PUBLIC HEALTH SYSTEM

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- National Public Health System
- Universality, equity, integrality, decentralization and popular participation
- Three levels of administration: municipalities, states and federal



São Gabriel da Cachoeira



Amazonas



Brazil



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# NATIONAL NETWORK OF STRATEGIC INFORMATION CENTERS IN HEALTH SURVEILLANCE (CIEVS Network)

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## 190 CIEVS

**DETECTION  
VERIFICATION  
NOTIFICATION  
RISK  
ASSESSMENT  
MONITORING  
COMMUNICATION**

**27** States  
**42** Regionals  
**26** Capitals  
**46** Municipalities  
**14** at borders  
**34** at Indigenous  
Special Health District  
**01** National

The National CIEVS (Ministry of Health) acts as the operational center of the National Focal Point for International Health Regulations

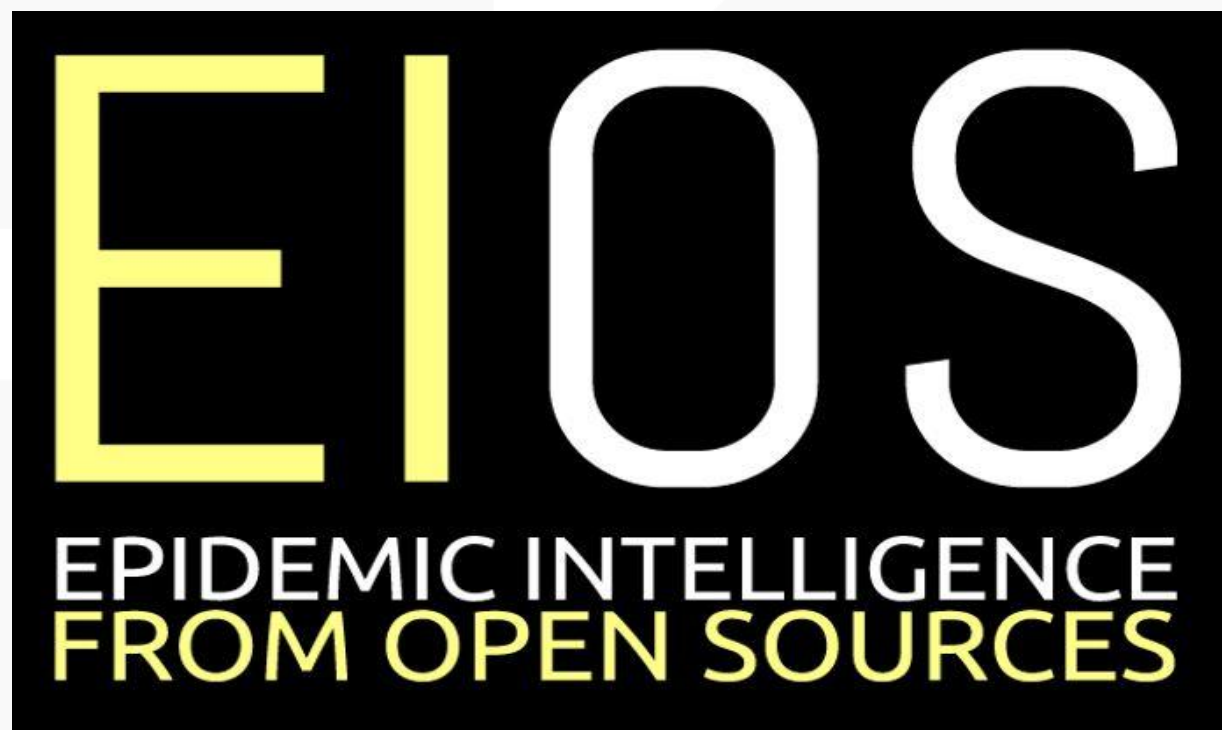


Figure 1. CIEVS Units in Brasil, 2024.



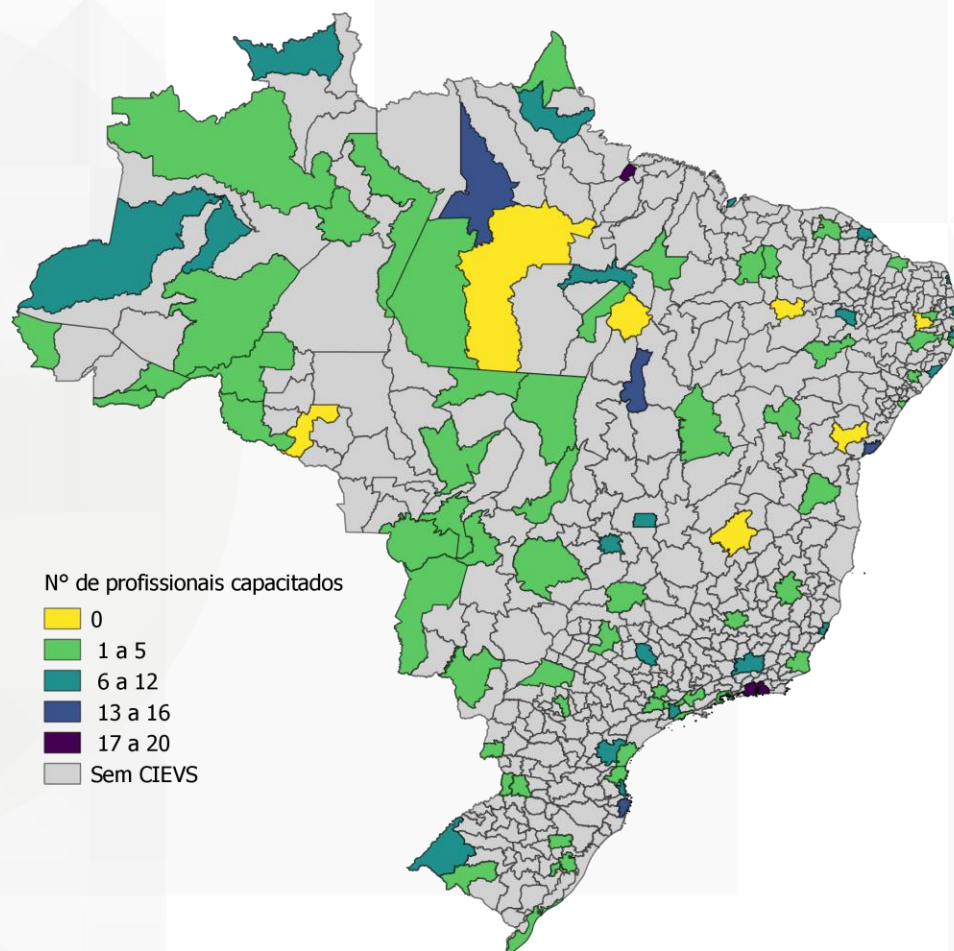
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## BRAZIL STRATEGY

## EIOS STRATEGY: BEFORE



Currently, EIOS is one of the tools used for digital signals detection in Brazil

Of the total of 190 CIEVS units, 149 have at least one professional trained on EIOS

**Figure 2.** Number of professionals trained in EIOS by microregion in Brazil until October 2023

## How qualify the subnational use of the Epidemic Intelligence from Open Sources tool and train the CIEVS Network?

- Standardize the dashboards at the state level, including categorization and mapping of local sources
- **Train** the CIEVS units of States and Capitals in the EIOS strategy for the CIEVS Network
- **Train** CIEVS Network technicians as facilitators of the EIOS platform

# EIOS TRAININGS

- **2** days
- **12** Participants
- **3** Facilitators
  - Coordination of CIEVS Network
  - Nacional CIEVS
  - PAHO
- **Metodology**
  - Theoretical explanation
  - Practical activities

## First Day

- Epidemic Intelligence
- Event Based Surveillance
- Demo
- Detailed analysis of EIOS

## Second Day

- The Strategy
- Practical activities

# OUTCOMES

2024

- **12** states are completed
- More than **100** trained professionals



**Figure 3.** EIOS training in the Brazilian States.



# FINAL CONSIDERATIONS



## Challenges

- Language barrier
- Impossibility to filter Brazil territories on EIOS
- Registration of new sources

## Next steps

- Finalize the trainings in all the Brazilian states (15)
- Evaluate the effectiveness of the strategy
- Implementation of other EBS strategies



# THANK YOU! OBRIGADO!



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