Emergencies increase risk of spread of communicable diseases.

Detecting communicable disease outbreaks early ensures reduction of preventable morbidity and mortality.

Ensuring effective disease early warning system in emergencies is a core commitment of WHO emergency response.

EWARS-in-a-box is always ready to be deployed within 48hrs of an emergency being declared.

Each kit supports 50 primary care facilities = 500,000 population.
How does EWARS-in-a-box help emergency early warning?

**COLLECT DATA**
Using electronic reporting forms from various sources

**INTERACTIVE ELECTRONIC ALERT MANAGEMENT BETWEEN THE FIELD AND SURVEILLANCE OFFICE**
Interactive response with the field, surveillance office, and response teams

**DATA ANALYSIS AND DISSEMINATION FOR RESPONSE**
Interactive response with the field, surveillance office, and response teams

**Primary Health care**
Camp clinics, Mobile clinics, PHCs, Field Laboratories

**From the community**
CHWs, CHVs, Hotlines, Community

**Under various infrastructure conditions**
Reliable internet connection
SMS reporting for unreliable internet connection
Offline reporting when no internet connection

**Indicator-based**
Use standard case definitions,
Use standard alert thresholds,
System-generated alerts for increasing trends,
Seasonal increments

**Event-based**
Ability to manage qualitative data, rumors

**Outbreak response**
Line-listing of cases when an outbreak is declared

**Data analysis**
Plot and notebook functions for easy data analysis
GIS mapping capabilities

**Data dissemination**
Automated EWARS bulletins
Easily configurable in-built dashboards
Easily configurable in-built EWARS website

EWARS-in-a-box is fully supported by WHO Health Emergencies Program
Please write to us at ewars@who.int.
Visit us at https://www.who.int/emergencies/surveillance/early-warning-alert-and-response-system-ewars