HEALTH WATCH

Year 2022, EW 33

"Information for action"





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PLAN

HUMAN HEALTH

- Internationals Alerts
- Nationals Alerts

ANIMAL HEALTH

- Internationals Alerts
- Nationals Alerts

ENVIRONEMENTAL HEALTH

- High temperatures
- Low Températures
- Rainfall

OTHER PUBLIC HEALTH EVENTS

- Road accidents

MEDIA WATCH

- Alerts

HUMAN HEALTH

INTERNATIONAL ALERTS: Highlights

- **Cholera in Mozambique**: **3415** cases and **15** deaths reported from 13 January 2022 to 31 July 2022, in Sofala and Zambézia province.
- **Undiagnosed disease (acute renal failure) in The Gambia**: **19** cases and **17** deaths **(case fatality, 89.50%)** reported on 1 August 2022, at the Edward Francis Small Teaching Hospital, the country's main tertiary hospital.

Source: http://outbreaknewstoday.com/tanzania-mystery-illness-sickens-13-kills-3-in-lindi-region-93970/,***WHO,*** *Weekly bulletin on outbreaks and other emergencies, week 27, 27 June - 3 July 2022*

INTERNATIONAL ALERTS: Highlights

- **Lassa fever in Guinea: 12** cases, **1** death **(case-fatality, 8.30%)** on 12 August 2022, reported in Conakry and Kindia.
- **Crimean-Congo hemorrhagic fever in Senegal: 2** cases, **1** death **(case-fatality, 50.00%)** reported on 12 August 2022, in Podor district, Saint-Louis region.

***Source*: WHO,** *Weekly bulletin on outbreaks and other emergencies, Week 33, 08- 14 August 2022*

Alertes Internationales : Monkey pox SE 33

Cumul

- 45,535 cases
- 67% in European region
- 31% in American region
- 1% in African Region

Endemic Zones

387 cases

- RDC 163
- CAR 8
- Nig 157
- Cam 7
- Ghana 47
- Congo 3

Non Endemic Zones

45, 148 cases

- USA 16,602
- UK 3,207
- SPA 6,284
- FRA 2,889
- GER 3,350
- BRA 3,896

***Source*: CDC, github . PAHO WHO, https://reliefweb.int/report/world/epidemiological-update-monkeypox-5/08/2022**

INTERNATIONAL ALERTS: Highlights

World (Week 33)

- **594,367,247** cumulative cases
- **5,174,305** new cases

  Increase 0.33 % compared to Week 32
- **6,451,016** cumulative deaths
- **13,643** new deaths

  3,88 % decrease compared to week 32

Africa (Week 33)

- **9 269 451** cumulative cases
- **9 118** new cases

  Decrease 10,70 % compared to Week 32
- 174 235 cumulative deaths
- **92** new deaths

  28.33 % increase compared to week 32

***source*: *https*://covid19.who.int/table , 24 August 2022 at 17h**

Risk of Importation of Monkeypox

- Viral zoonosis with symptoms very similar to those of smallpox, but clinically less severe.
- No specific treatment
- Vaccine (MVA-BN) against monkeypox approved in 2019.
- Can be severe in children, pregnant women or immunocompromised people.
- Atypical situation: 1285 confirmed cases (+505 cases since the week of 4 june) in non-endemic countries with no travel history to endemic countries.
- No deaths notified

➡ **Grade: 2**

Probability					
	4	Moderate risk	Important risk	Critical risk	Critical risk
	3	Limited risk	Moderate risk	Important risk	Critical risk
	2	Limited risk	Moderate risk	Moderate risk	Important risk
	1	Limited risk	Limited risk	Limited risk	Moderate risk
		1	2	3	4
		Gravity			

- Significant movement of people and goods from countries.
- Sudden and unexpected appearance of monkeypox in several non-endemic countries: Hypothesis of undetected transmission for an unknown duration put forward.
- Person-to-person transmission through close contact with wounds, body fluids, respiratory droplets and contaminated materials.

➡ **Probability: 3**

Conclusion:

Moderate risk

INTERNATIONAL ALERTS: Ongoing outbreaks in Africa with new cases

Siera Leone:
- **Crimean-Congo hemorragic fever**

2 cc, 1 dc

Guinea:
- **Lassa Fever:**

12 cc , 1 dc

Nigeria:
- **Lassa Fever**

917 (23 nc), 165 dc (1 nc)
- **Monkeypox**

172 (39 nc), 4 dc (1 nc)



Chad:
- **Yellow Fever:**

1627 cc (40 nc), 07 dc

RCA:
- **Measles:**

1122 cc (48 nc), 01dc
- **Yellow Fever**

604 cc (5 nc), 04dc

RDC
- **Cholera:**

7806 cc (221 nc),
118 dc (2 nd)
- **Monkeypox**

2380 cc (14 nc), 0 dc
- **Plague**

513 cc (33 nc), 7 dc

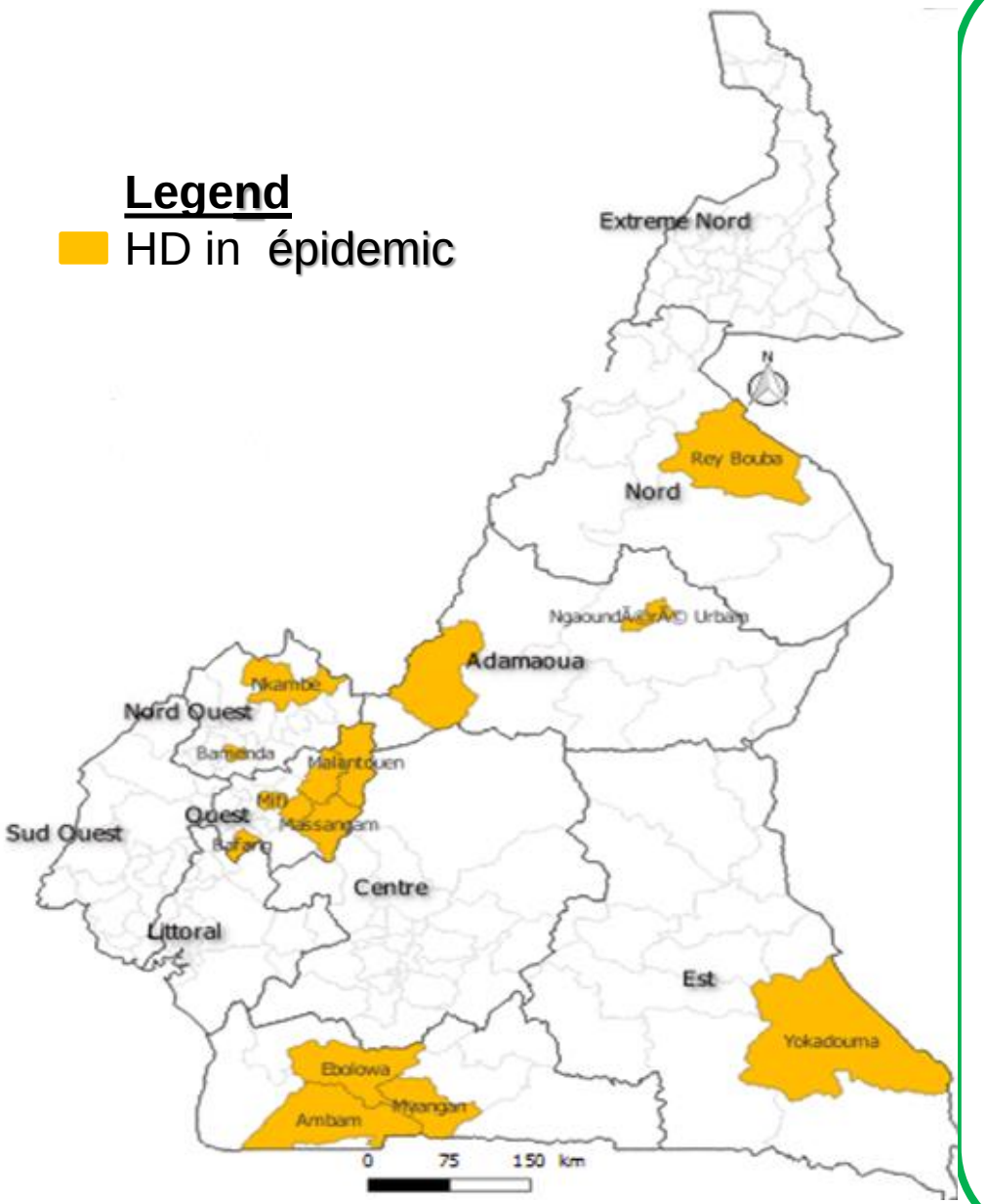
Mozambique:
- **Cholera**

3415 cc , 15 dc

cc: Cumulative cases
dc: death
nc: new cases
ndc: new death

***Source*: WHO,** *Weekly bulletin on outbreaks and other emergencies, Week 33, 8 - 14 August 2022*

National Alerts: Highlights



Yellow Fever

Week 33

- **3 cases reported**
- **No positive cases**

Week 1 - 33

- **1105** suspected cases compared to **899** in the same period in 2021
- **22 cases confirmed** by serological testing
- **6 regions** concerned (Adamaoua, East, North, North West, South, West)
- **No deaths were recorded;**
- 40% of confirmed cases are vaccinated, 53.3% are non-vaccinated and 6.7% have an unknown vaccination status

Source: *MEV-PEV WK 33*

National Alerts: Highlights

Neonatal tetanus

Week 33

- **22** cases investigated
- **3** positive cases
- **2** deaths

Week 1 - 33

- **22** cases recorded in 6 regions:
- **09** deaths recorded

Sources: *MEV-PEV WK 33*

Acute flaccid paralysis

Week 33

No cases reported ;

Week 1 - 33

512 AFP cases compared to **479** in the same period in 2021.

Sources: *MEV-PEV WK 33*

National Alerts: Highlights

Meales

Week 33

- **09 Cases notified during the week**
- **No positive cases**

Week 1 - 33

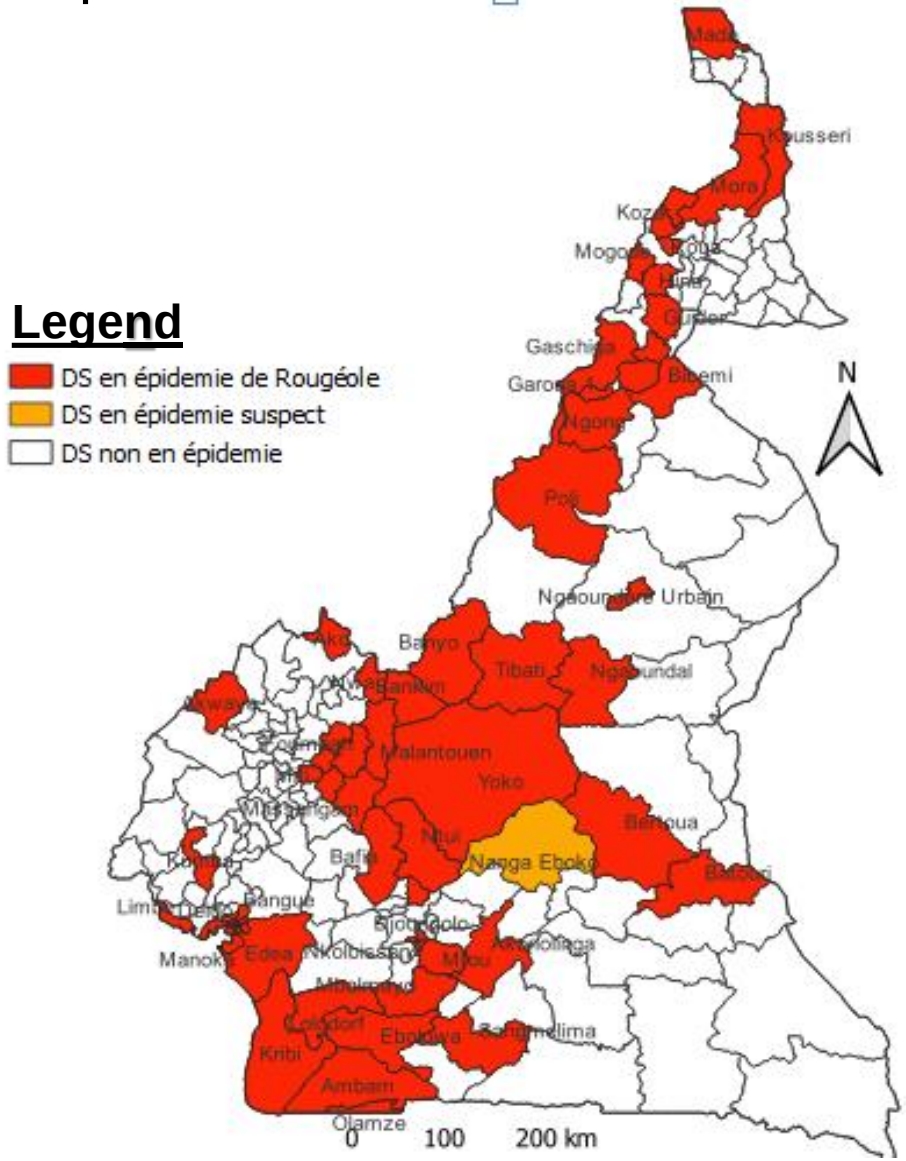
- **2631** cases were investigated compared to **1113** cases in the same period in 2021
- **479 IgM+ confirmed**

An increase of 13.36% compared to the same period in 2021

- **46 cases** in an active epidemic
- **72.8%** of positive cases are unvaccinated
- **59.7%** of positive cases are between **9 and 59** months of age

Sources: *MEV-PEV;CPC WK 33*

Epidemic health districts in 2022

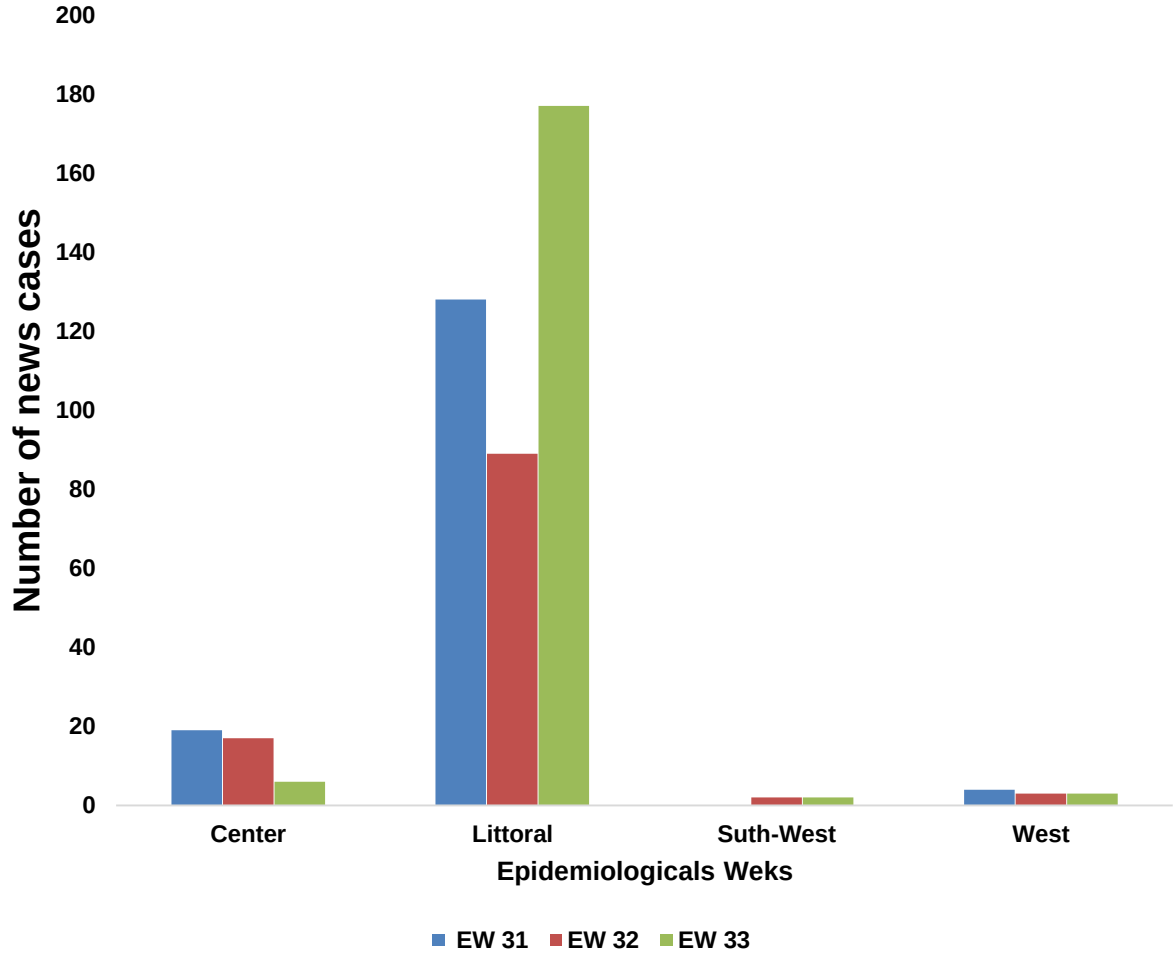


Choléra

KEY data

- **09** affected regions **(CE, ES, FN, LT, NO, NW, W, S and SW)**
- **04** actives régions**: SW, LT, CE and W**
- **20** active health districts
- **188** news cases
- **10948** cases notified
- **933** confirmed cases by culture(8,5%)
- **08** New death: **Littoral**
- **219** deaths recorded

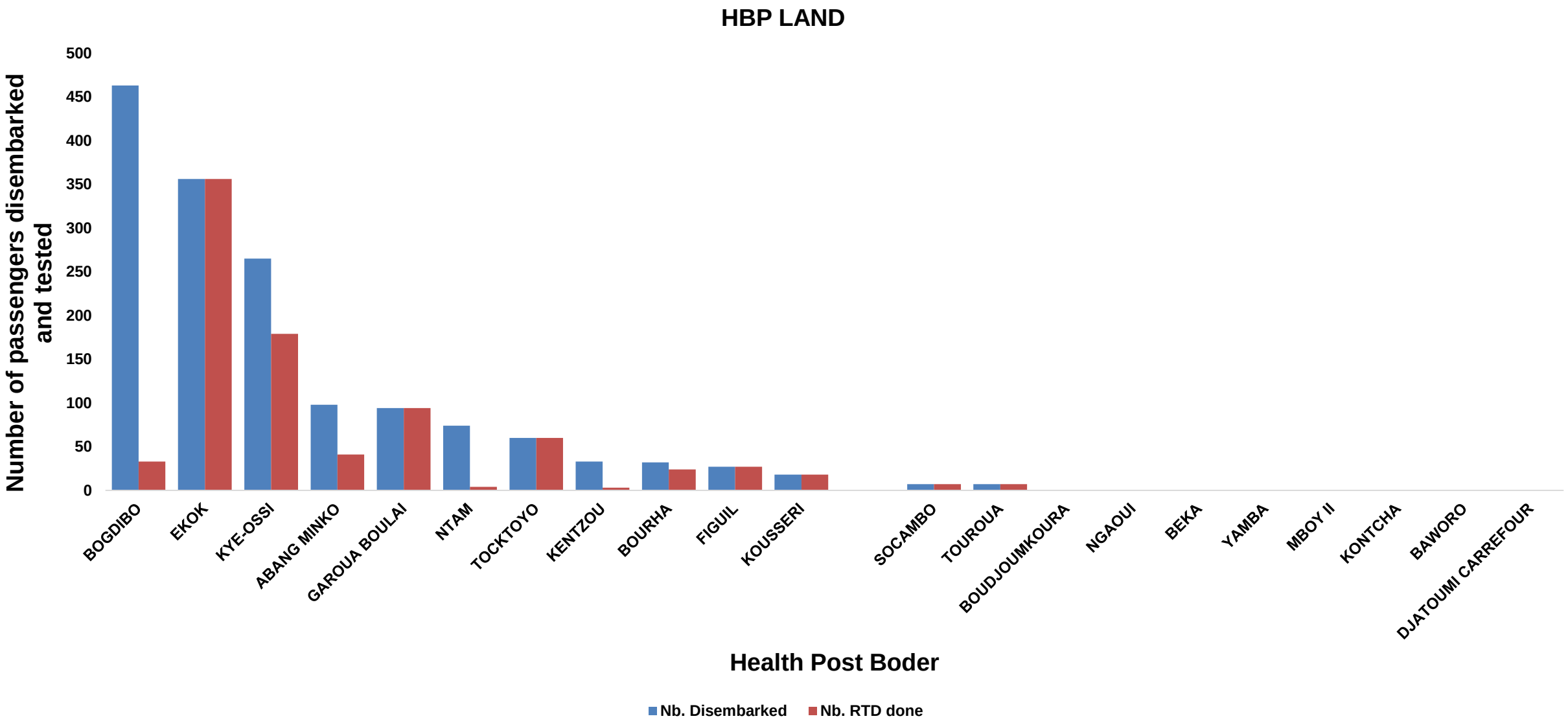
Distribution of new case cholera by region and by epidemiological week



Sources: *Présentation of IMS Choléra 23/08/2022*

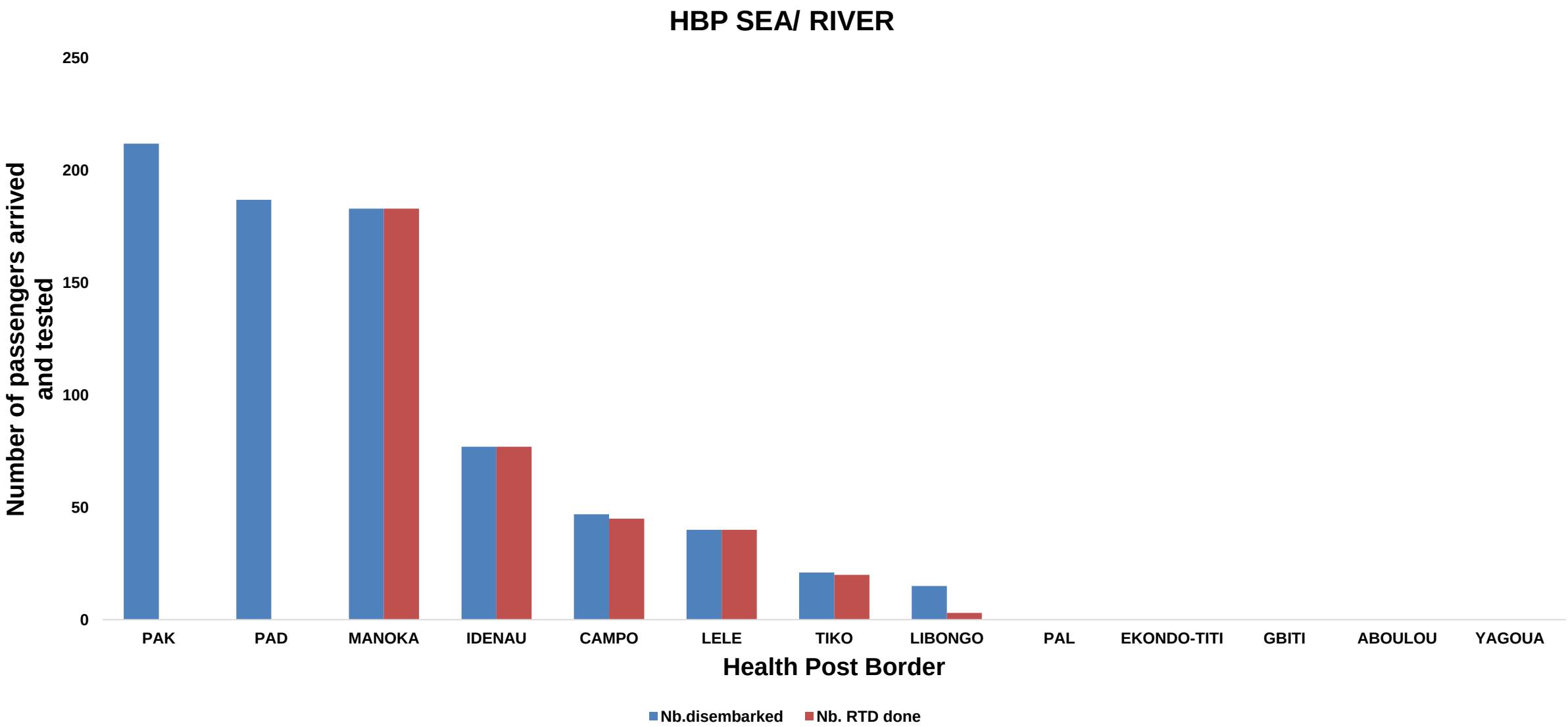
BORDER HEALTH POST

BORDER HEALTH POST



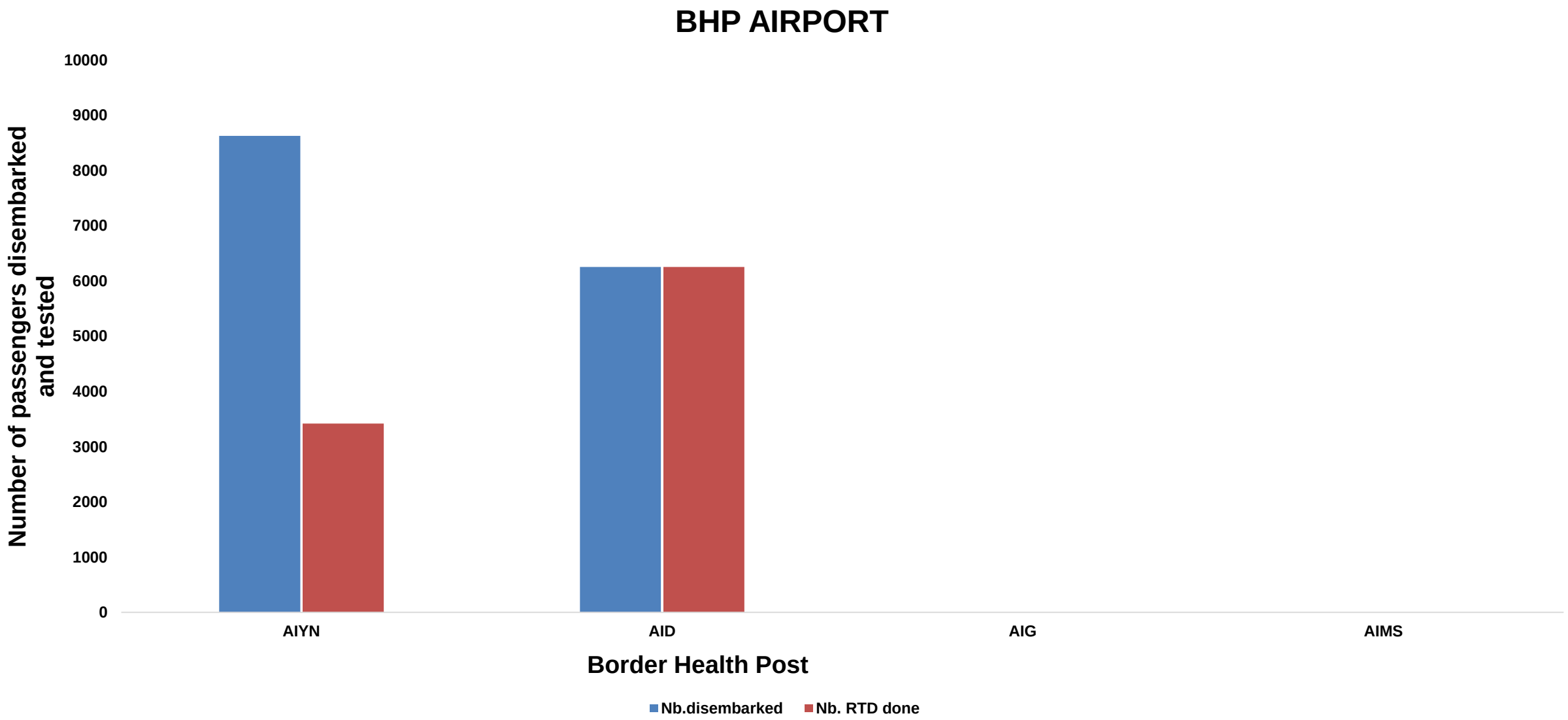
***Source** : ONSP (23-08-2022)*

BORDER HEALTH POST



***Source** : ONSP (23-08-2022)*

BORDER HEALTH POST



***Source** : ONSP (23/08/2022)*

BORDER HEALTH POST

Statistical data from the BHP

at Epidemiological weeks 33, 17198 passengers passed through the Health Border Posts, 10878 tests were performed and 22 covid-19 positive cases notified.

15 positive cases at Airborne BHP:

- HBP at Douala International Airport (8), from Inde, Egypte, Togo(2), la Central Africa Republic, France, Ukraine and Guinea Equatoriale ;
- HBP at Yaounde Nsimalen International Airport(7), come from EAU(2), Italy(2) and France(3)

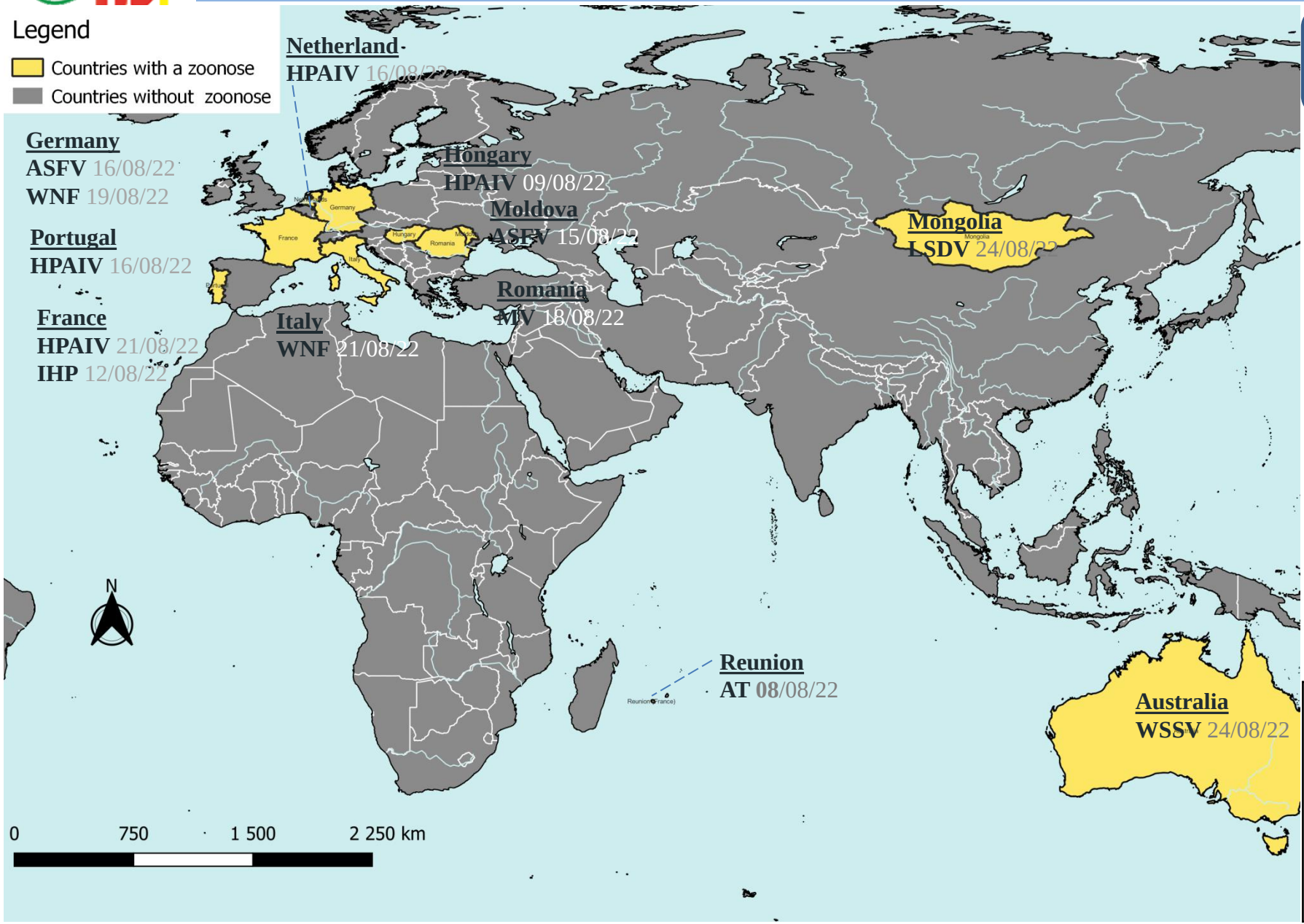
07 positive cases in Terrestrial FSP

- HBP of EKOK(3), from Nigeria,
- FSP of Garoua Boulai(4), come frome Central Africa Republic

***Source** : ONSP (23-08-2022)*

ANIMAL HEALTH

ZOONOTICS EVENTS WORLDWIDE



- **High pathogenicity avian influenza viruses (in Europe)**

Incidence (EW 33)

- Decrease in poultry outbreak 16 (-4 EW 32)
- Decrease in non-poultry outbreak 38 (-41 EW 32)

- **African swine fever virus (in Europe)**

Incidence (EW 33)

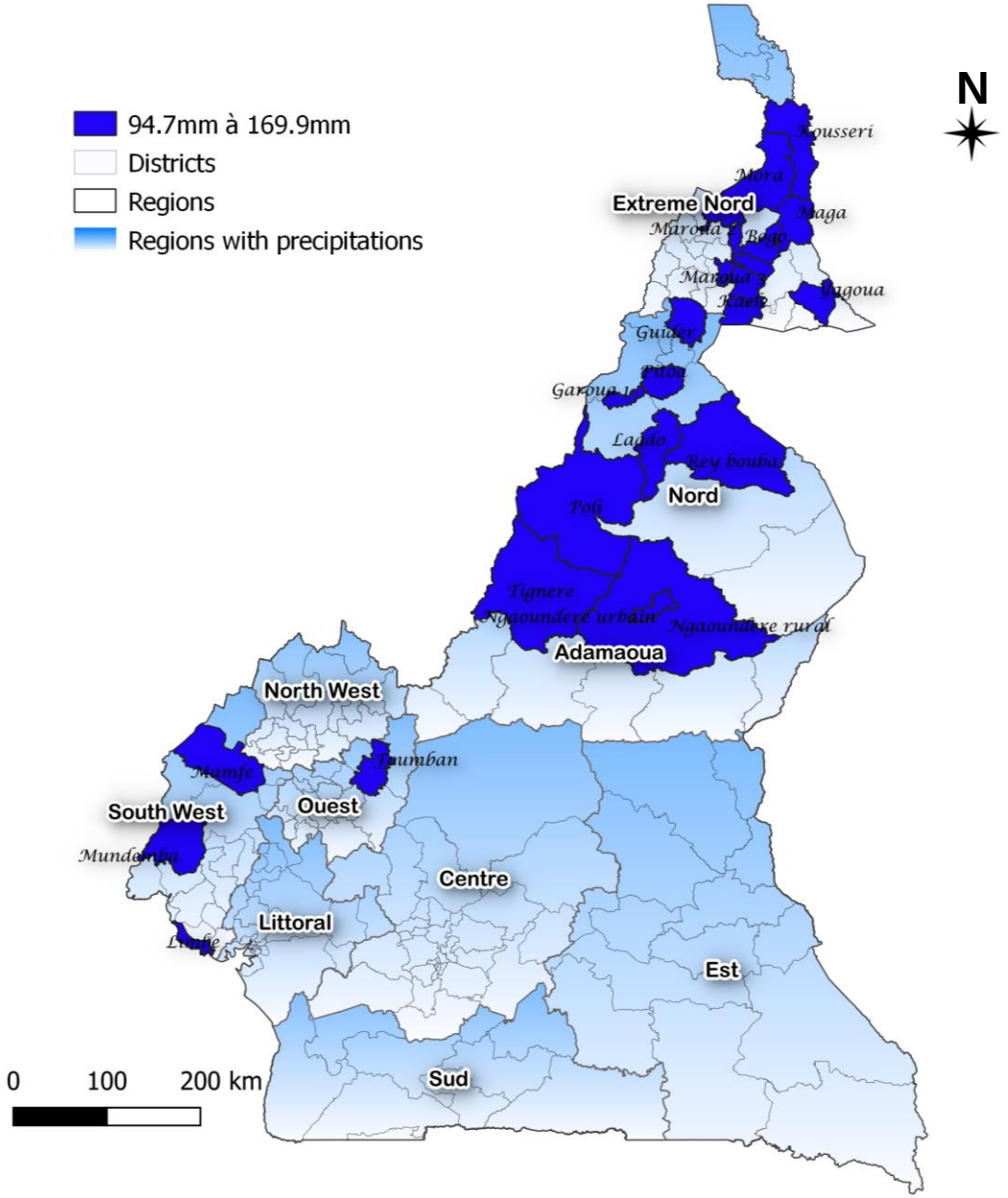
- 269 cases in wildlife (-67 EW 32)
- 62 domestic outbreaks (+13 EW 32)

- **ASFV**: African swine fever virus
- **HPAIV**: High pathogenicity avian influenza viruses
- **AT**: Aethina tumida
- **MV**: Maedi Visna
- **IHP**: Infectius haematopictic
- **WNF:** West Nile Fiver
- **LSDV**: Lumpy Skin Disease Virus

Sources: 1-World Organization for Animal Health of 24/08/2022; 2-Bulletin Hebdomadaire de Veille Sanitaire Internationale - Santé Animale du 23/08/202022; 3-CIRMF; MINEPIA, SE 33

ENVIRONEMENTAL HEALTH

NATIONAL CLIMATIC ALERT: Risk Cartography

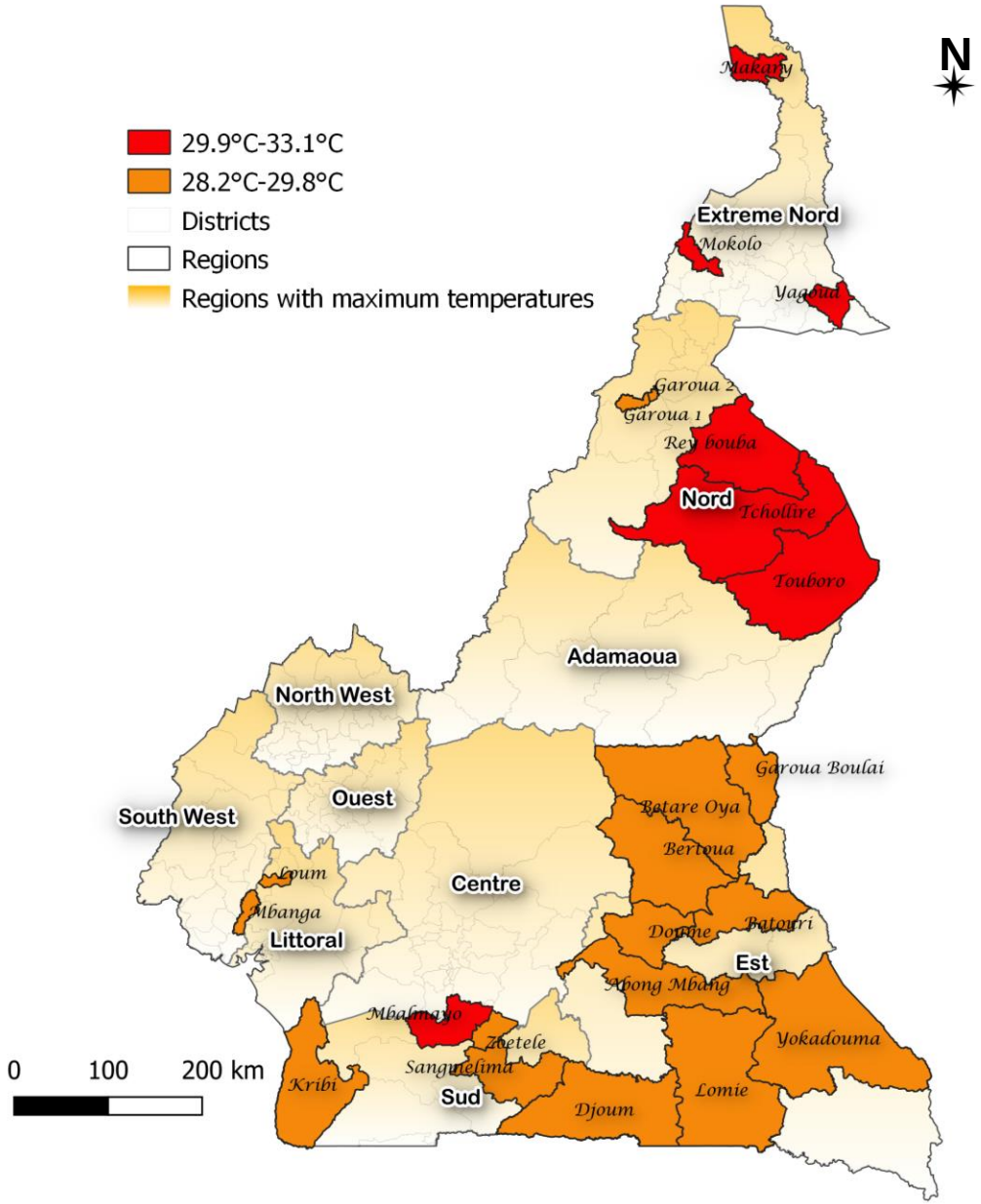


Alert on Precipitation:

Is marked by:

- **heavy rain in the Littoral region and in low backgrounds of North-west and South-west regions;**
- **puddles in the Littoral and South-west regions;**
- **floods in the coastal strips: Douala, Edea and Limbe;**
- **heavy rain, lightning and thunderstorms in the North-west and Adamawa regions**

NATIONAL CLIMATIC ALERT: Risk Cartography



Alert on Maximum Temperatures:

Is marked by:

- **Strong heat in the North and Far-north regions**

RISKS AND IMPACTS IN SECTORS OF INTEREST

SECTORS	RISKS AND IMPACTS
AGRICULTURE	• Degradation and destruction of plantations and farms
HEALTH	• Increase in Cholera cases in agricultural zones, Increase in mosquitoes
BREEDING	• Livestock loss, Fowl loss, Loss of pig
ENVIRONMENT AND BIODIVERSITY	• Arnachic urbanization • Landslides • Progressive filling of mayo in the Far-North and North regions
WATER AND ENERGY	• Deterioration in the quality of drinking water following contamination by polluted runoff

OTHER PUBLIC HEALTH EVENTS

FOOD AND DRUGS SAFETY

DRUGS RECALL



- **Date : 22 August**
- **Name** : **Propofol Injectable Emulsion (containing benzyl alcohol)**
- **Risk Statement:** Patients receiving the impacted product have a remote probability of experiencing potential adverse events, such as blockage of blood vessels, including decreased blood flow to the brain, heart attack, pulmonary embolus, and tissue necrosis. Hypersensitivity reactions and transmission of infectious disease can also occur.
- **Recall reason:** Potential presence of visible particulate
- **Product Description**: Propofol Injection Emulsion, USP
- **Product Type:** 100mL Single Patient Use Glass Fliptop Vial;
- **Lot**: EA7470samples.

Brand name: Hospira

Company Name: Hospira, Inc., a Pfizer Company

FODD SAFETY



- **Name** Lemon Dill Finishing Butter
- **Productor** : Wegmans
- **Risks** : potential Listeria monocytogenes contamination
- LOT/ 17037 TO 11/17/22

Source: https://https://www.fda.gov/drugs/drug-safety-and-availability/drug-recalls

MEDIA WATCH

TITLES AND SOURCES OF RECORDED SIGNALS

Title	Extract date
Payment of medical services: the time has come for dematerialization, Medical certificates, consultations are the first services for which payment by the user should very soon be done online. *Source: Health Echoes*	18-08-2022
Democratic Republic of Congo declares resurgence of Ebola in North Kivu *Source: Health Echoes*	23-08-2022
Fight against chronic diseases: African Ministers of Health approve a new strategy called PEN-PLUS aimed at strengthening access to diagnosis, treatment and prescribed care in the event of serious non-communicable diseases. *Source: Health Echoes*	24-08-2022

TITLES AND SOURCES OF RECORDED SIGNALS

Title	Extract date
Opening of the most important health forum in Africa to address major challenges: Ministers of health and delegates to the Regional Committee will discuss and adopt key strategies and launch campaigns to accentuate disease prevention *Source: Health Echoes*	22-08-2022
Les ministres africains de la santé lancent une campagne de lutte contre la drépanocytose: *Plus de 66 % des 120 millions de personnes touchées par la drépanocytose dans le monde vivent en Afrique* *Source: Health Echoes*	23-08-2022
CEO of Merck Foundation meets with the First Lady of Zimbabwe to highlight their long-term partnership to build healthcare capacity, break infertility stigma and support girls' education in the country *Source: Health Echoes*	24-08-2022
Public health emergencies and Covid-19: WHO strengthens the capacity of African media in Senegal *Source: Health Echoes*	24-08-2022

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From Surveillance to Health Monitoring:

"Inform to act"