HEALTH WATCH

YEAR 2023, EW 45

"Information for action"



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PLAN

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HUMAN HEALTH

INTERNATIONAL ALERTS

INTERNATIONAL ALERTS: highlights

- **cVDPV2 in Africa**: Several countries continue to report cases at SE 42; the reporting countries (Algeria, Benin, DRC, Ethiopia, Mozambique, Niger, Togo) which respectively notified 03, 30, 479.69, 06, 34 and 19 cases on their territory at the end of October 2023, received attention from WHO ;
- Niger reported the first case of diphtheria to WHO on July 17, 2023. During SE 42: 98 new suspected cases, 02dc (CFR 2.0%);
- Since September 14, 2022, Mozambique has been grappling with a cholera epidemic. In SE41: 109 new cases in two active districts, including two deaths (CFR 1.8%);
- Humanitarian crisis in Ethiopia .
- WHO calls for investment in “One Health” actions for better health of populations and the planet .

Source: WHO bulletin on outbreaks and other emergencies, EW 42

INTERNATIONAL ALERTS: highlights

Algeria
cVDPV2: 03cc

Niger
cVDPV2: 34cc,00 dc
Méningitis: 736cc, 129dc
Diphteria: 100cc, 75dc

Mali
Dengue: 62cc, 01dc

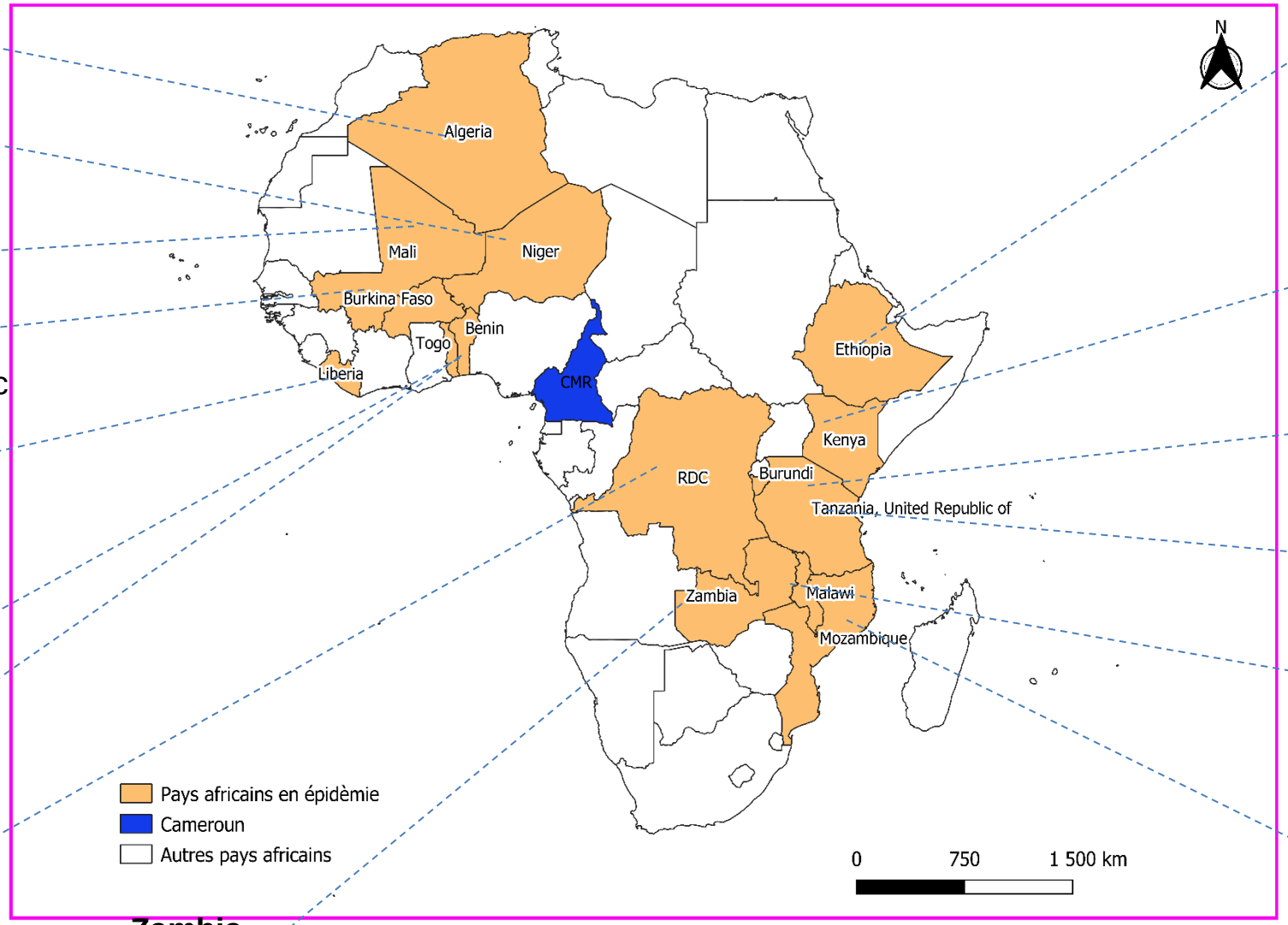
Burkina Fasso
Chikungunya: 282 cc, 00 dc

Liberia
Measles: 12298cc, 95dc
Lassa fever: 96cc, 27dc
M Pox: 07cc, 00

Togo
cVDPV2: 19cc,00 dc

Benin
cVDPV2: 30cc,00 dc

RDC
cVDPV2: 479cc, 00dc
cVDPV1: 226 cc, 00dc



Zambia
Anthrax: 04dc

Ethiopia
Measles: 18899cc, 149dc
Cholera: 24559cc, 321
Dengue: 10899cc, 04dc
cVDPV2: 69cc, 00dc

Kenya
Anthrax: 03dc
Cholera: 577cc, 202dc
Leishmania: 2205cc, 10dc

Burundi
Cholera: 175 cc, 09dc

Tanzania
Cholera: 53cc, 14dc

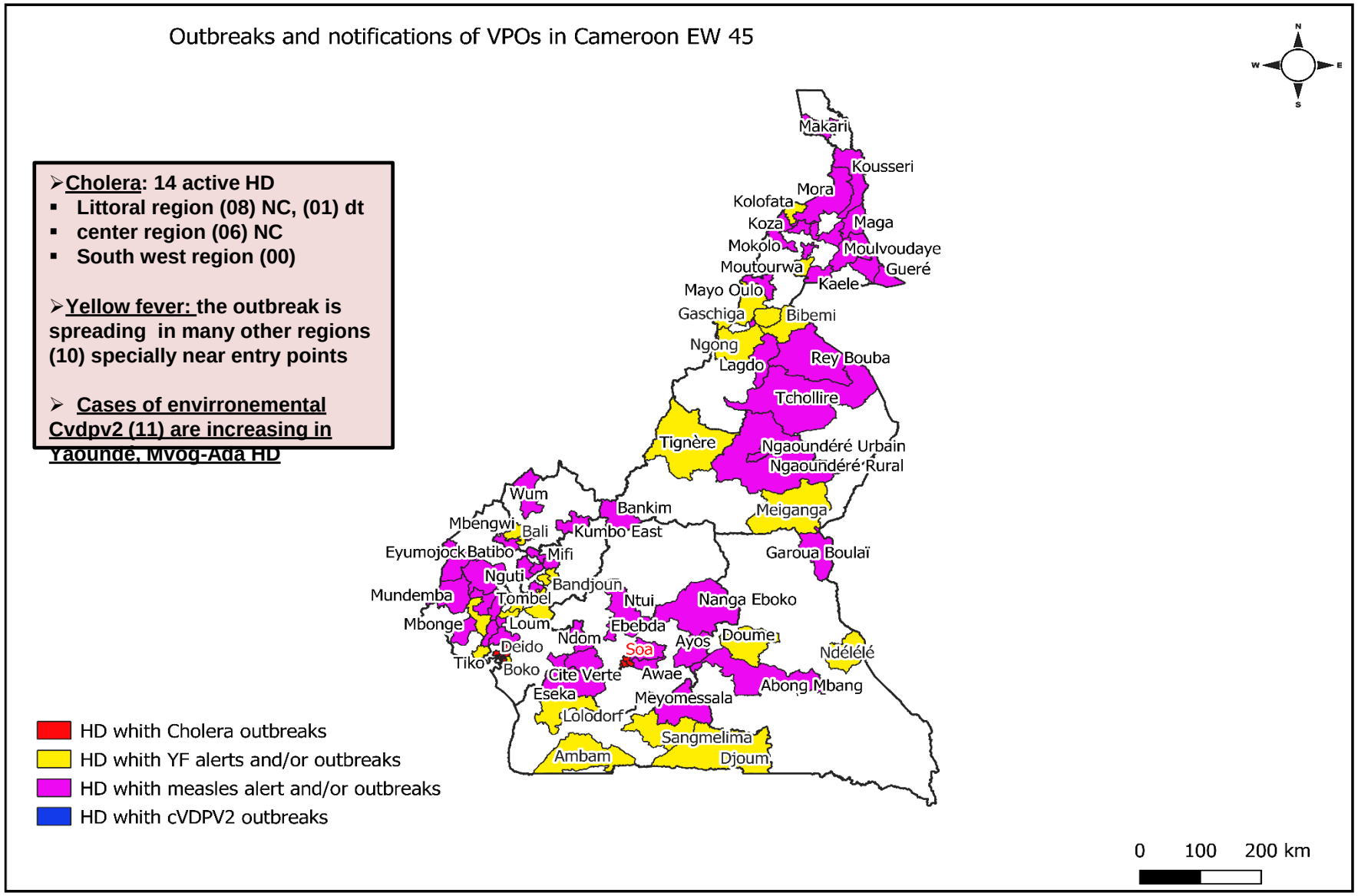
Malawi
Cholera: 59016cc, 1768dc

Mozambique
WPV2: 06cc, 00dc
Cholera: 34943cc, 146dc

Source: WHO, weekly bulletin on outbreaks and other emergencies, SE 42

NATIONAL ALERTS

NATIONAL ALERTS: mapping of HD with active outbreaks at EW 45



❖The country is currently facing 04 major outbreaks notabily :

- Measles in all the 10 regions;
- Cholera: at EW 45, 03 regions are actually active; Center, Littoral, South-west;
- Yellow fever in 10 regions; control of yellow card should be intensified at PoE.
- Cholera: decrease in the number of new cases and deaths at EW 45, the outbreak is still active. Constant efforts should be maintainded to put the outbreak under control; the Littoral region notified most cases this EW.

***Source*: 1)** *MEV-PEV,CPS SE 01 – 45; 2023;*
2) SGI Cholera 07/11-14/ 11/2023

National Alerts: Vaccine Preventable Diseases

Total confirmed cases and deaths: EW 01 - 45/ 2023

VPD	Cas			death		CFR
	Suspects	confirmed	Notified EW 45	New	Total	
Yellow Fever	1444	38	09	-	-	-
Measles	6804	466	00	-	-	-
Acute flaccid paralysis	713	22	03	-	-	-
Neonatal Tetanus	83	30	00	0	17	-
Cholera	21 187	2 084	14	01	506	2,4

Source*:** ***1) *MEV-PEV,CPS SE 01 – 45 2023;*
2) Linéaire list of SGI Cholera of 14/11 /2023

Measles

- 24 HD with outbreaks in EW 45;
- **69** HD entered outbreak and
- **99** HD out of epidemic in 2023.
- **6804** confirmed cases EW 1-45, 2023) **Adamaoua:** Bankim, Dang, Ngaoundéré rural , Ngaoundéré Urbain, Tignère ; **Centre:** Ayos, Awae, Cité Verte, Ebebda, Eseka, Esse, Nanga Eboko, Ngog Mapubi, Ntui; **Est:** Abong-Mbang; Doumé, Garoua Boulai; **Extrême Nord :** Bogo, Guere, Kolofata, Kousseri, Koza, Maga, Makary, Maroua 1, Maroua2, Mokolo, Mora, Moulvoudaye, Moutourwa; Mozogo; Vele, Kaele, Tokombere, Yagoua; **Littoral:** Abo, Japoma, Loum, Mbanga, Ndom, Njombe-Penja, Nkongsamba, Pouma; **Nord:** Bibemi, Garoua2, Lagdo, Mayo-Oulo, Rey-Bouba, Tchollire ; **Ouest:** Bafang, Dschang; Mbouda, Mifi, Penka Michel; **Nord-Ouest:** Bamenda 3; Batibo, Mbengwi, Wum; **Ouest**: Mbouda; **Sud:** Meyomessala; **Sud-Ouest :** Konye, Kumba, Kumba North, Mundemba, Nguti, Tiko; Mbonge; Tombel; Eyumodjock ;
- **00** cases of death notified at EW 45

Yellow fever

- **EW 45, 09 notified cases**
- **15 cas undetermined in 2023: awaiting seuroneutralisation**
- **38 confirmed cases by seroneutralisation :Adamaoua:** Meiganga, Tignere; **Centre:** Djoungolo; Odza; **Est:** Doume, Ndelele; **Extrême Nord:** Kolofata, Moutourwa; **Littoral:** Bangue, Boko, Deido; Edea, Japoma , Loum, Newbell ; Nkondjock; Nkongsamba, Nylon; **Nord:** Bibemi, Gaschiga, Ngong, Pitoa; **Nord-Ouest**: Bali; Mbengwi; **Ouest**: Baham, Bandjoun; **Sud:** Ambam, Djoum, Lolodorf, Sangmelima; **Sud-Ouest:** Kumba, Tiko ;

Cholera

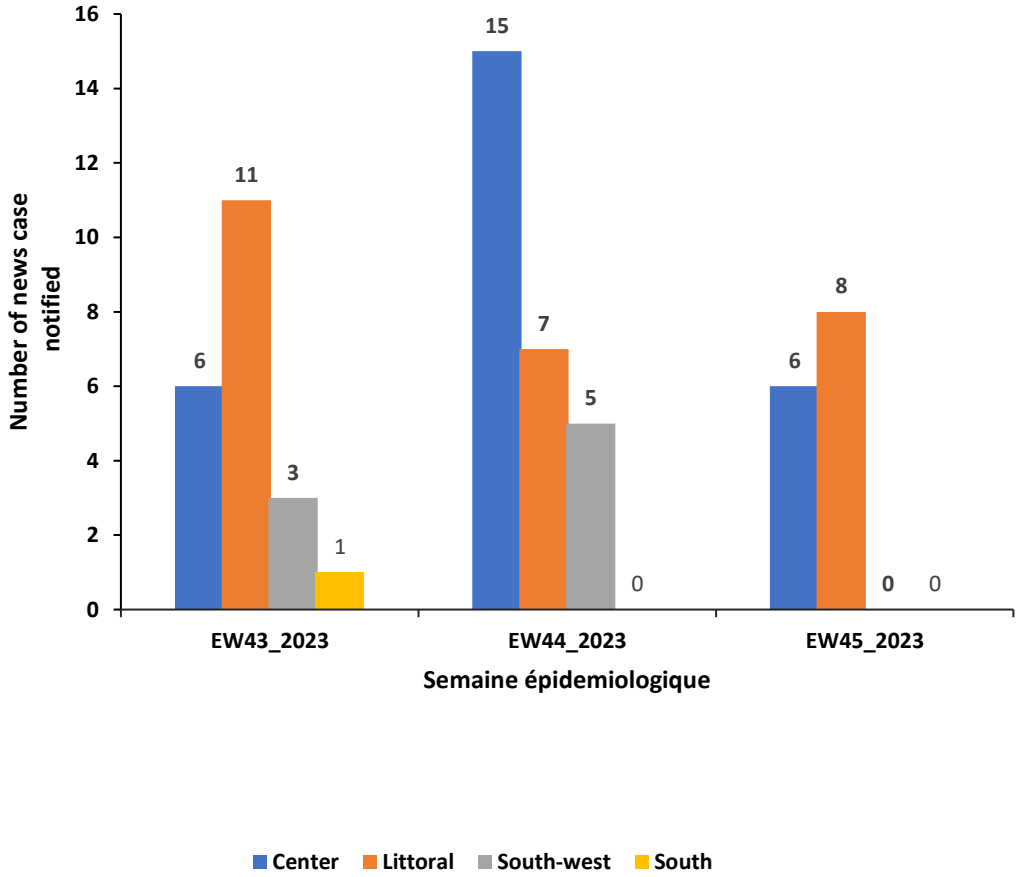
- **EW 45:** new 14 cases , 01 death
- **03 regions** with active outbreak LT (08) CE (06) and S w (00) cases notified at EW 45
- **14 HD are active with** cases and deaths at EW 45 and 09 HD having reported nc
  - **CE**: Biyem-Assi, Cité verte, Djoungolo, Soa
  - **LT:** Bangue, Bonassama, Nylon, Deido, Cité des palmiers

National Alerts: Highlights

KEY data

- **03** actives régions**: Center, Littoral and South-West**
- **14** active health districts
- **14** news cases : **center(06), Littoral(08 and 01 deaths),**
- **21187** cases notified
- **2084** confirmed cases by culture
- **506** deaths recorded

DISTRIBUTION OF NEW CHOLERA CASES IN AFFECTED AREAS FROM EW 43 TO EW 45

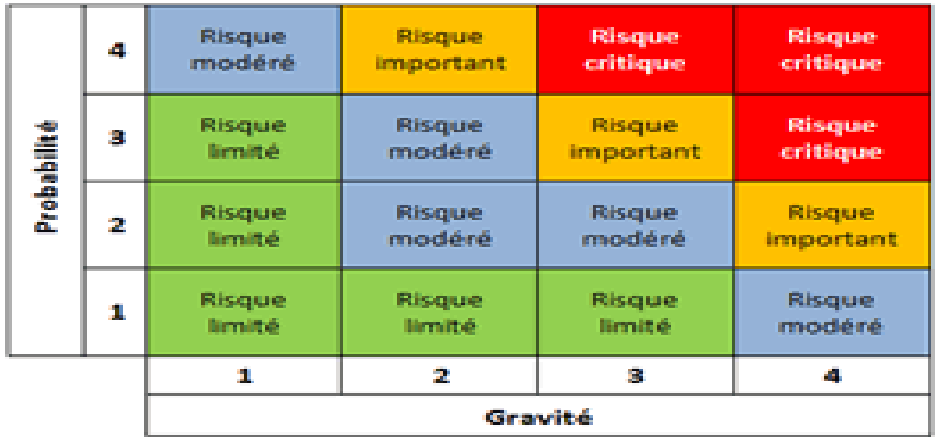


Source: *Présentation IMS Choléra 15/11/2023*

National Alert: Risk of spread of cVDPV2 in several DS in Cameroon

- 10 HD reported cases in 05 regions (AD, FN, CE, LT, et N) at EW 45 ;
- Poliomyelitis is a very contagious viral disease which can cause total paralysis in a few hours, with a flu-like manifestation, which can therefore be confused with a simple flu.
- The high density, crowded conditions in affected districts may increase the spread of the disease in the case of human strains. Environmental strains (cVDPV2) are spread by poor environmental hygiene ;
- All regions having reported environmental strains present cases of zero doses upon vaccination, hence the risk of having human cases;
- The vaccine remains the main means of prevention alongside compliance with hygiene rules .

Probabilité: 4



Risq of spread: Critical Risq

- Environmental strains of cVDPV2 have been confirmed in 09 DS from 02 regions (CE and FN) and the trend is towards propagation with several suspect samples notified by the regions of AD, LT and N
- Case fatality rate (5-10% in paralyzed patients)
- Contamination is primarily fecal-oral;
- very disabling pathology (1 patient in 200 patients), generally leaves after-effects;
- Neighboring countries notified of both environmental and human cases
- Insufficient control of WASH practice in the area

Gravité: 4

National alert: Risq spread of the Yellow Fever outbreak in the HD of Cameroon

- 38 confirmed cases at EW 45 in 23 HD ;
- The virus is endemic in tropical regions, 34 positive cases by seroneutralization, 04 positive cases by PCR and 15 cases of IGM according to results by seroneutralization;
- Acute viral hemorrhagic disease transmitted by infected mosquitoes, with the rains, larval breeding sites are more and more numerous;
- Cases occur when infected individuals introduce the virus into highly populated areas with a high density of mosquitoes and where most of the population has little or no immunity due to insufficient vaccination.

Probabilité					
	4	Risque modéré	Risque important	Risque critique	Risque critique
	3	Risque limité	Risque modéré	Risque important	Risque critique
	2	Risque limité	Risque modéré	Risque modéré	Risque important
	1	Risque limité	Risque limité	Risque limité	Risque modéré
		1	2	3	4
		Gravité			

Probabilité: 4

- Incubation period in the body of 3 to 6 days;
- Lethality of up to 50%
- Disease of great interest to the WHO because of the risks of international spread, difficult to diagnose, especially in the early stages. In its more severe form, it can be confused with severe malaria, leptospirosis and viral hepatitis;
- In a small proportion of cases, patients who contract the disease develop severe symptoms and about half die within 7 to 10 days;
- Insufficient surveillance measures in the country;
- Porosity of borders.

Risq of spread: Critical Risq

Gravité: 4

BORDER HEALTH POSTS

Number of people screened at PoEs for diseases under surveillance at EW 45

Diseases	Type of BHP		
	land	Maritime	Air
FHV	634	609	No data
Cholera	634	609	No data
Rougeole	634	609	No data
Fièvre Jaune	634	609	No data
Polio	634	609	No data
Mpox	634	609	No data
Test COVID-19 (TDR)	634	----	NA
Autre	634	609	No data
PFA	634	609	No data
MVM	634	609	No data

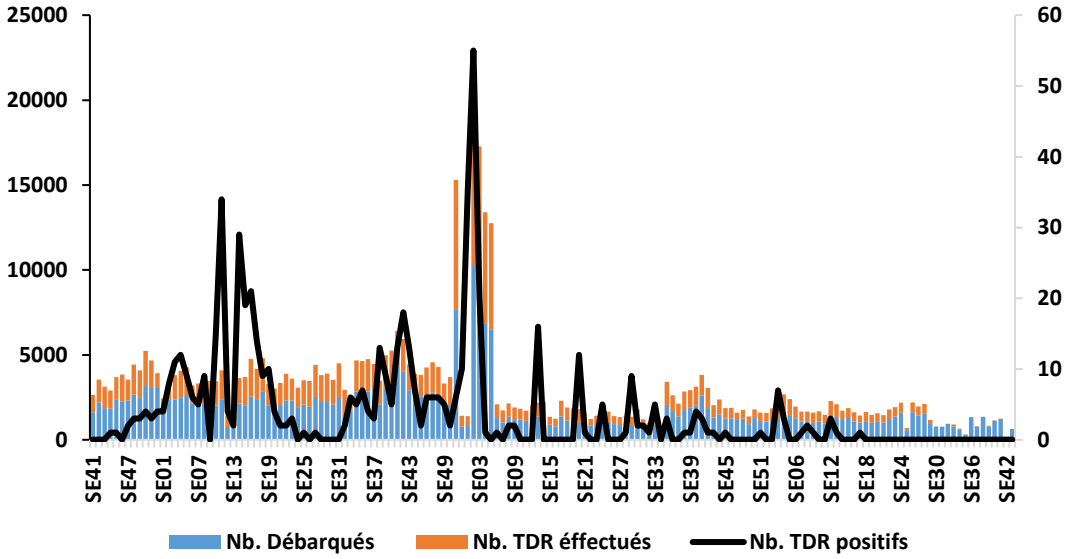
- Completeness of reports 25% on the decrease specially in land and maritime border health post; air port did not send any data
- 10 passengers tested at land borders for COVID 19, no positive case recorded

- Insufficient ICP and necessary material to ameliorate WASH and IPC mesures.

Source : Health watch NPHO at PoEs, EW 45, 2023

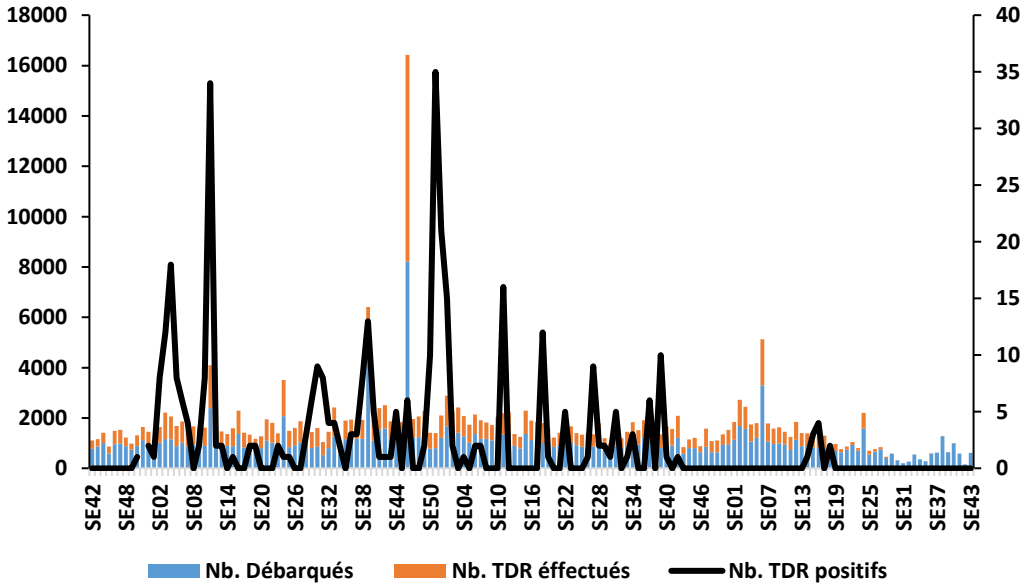
BORDER HEALTH POST

LAND



- 634 landed at BHP
- 86 Passenger had a covid19 booklet and 25 had an up-to-date yellow ferver booklet

PSF MARITIMES

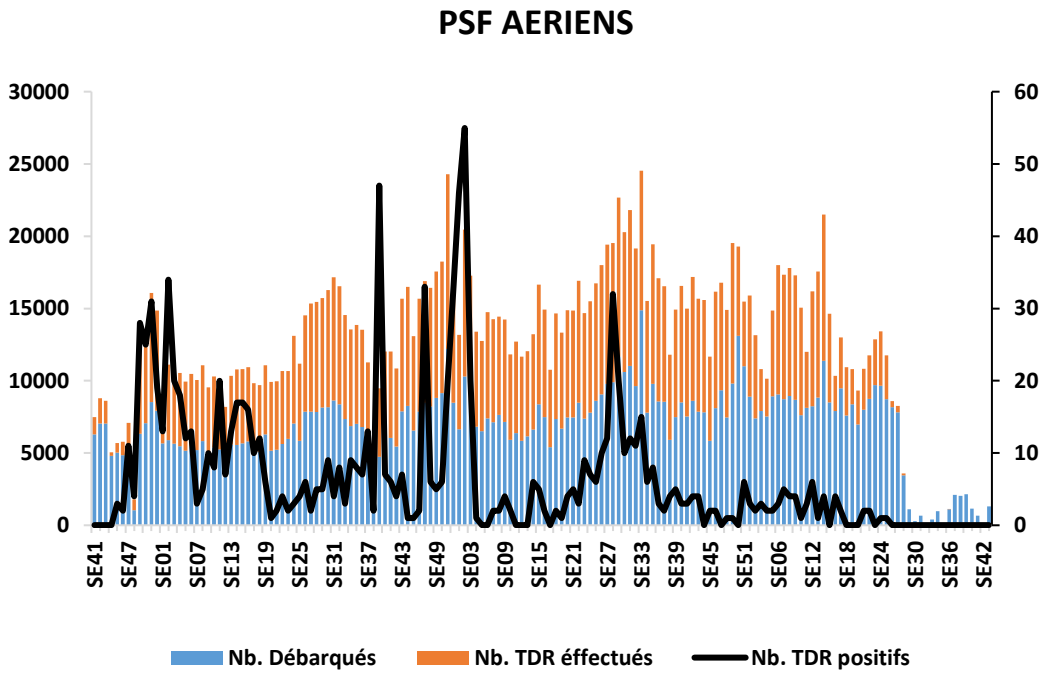


- 609 landed at BHP
- 234 Passenger had a covid19 booklet and 550 had an up-to-date yellow ferver booklet

***Source** : NOPH (15-11-2023)*

BORDER HEALTH POST

Statistical data from the BHP



- 1309 landed at BHP
- 305 Passenger had a covid19 booklet and 1278 had an up-to-date yellow ferver booklet

At Epidemiological weeks 45, 2552 passengers passed through the Border Health Post, 625 Passenger had a covid19 booklet and 1853 had an up-to-date yellow ferver booklet

Source: *NOPH (15-11-2023)*

ANIMAL HEALTH

INTERNATIONAL highlights

➢ **World Organization for Animal Health** confirms outbreaks of highly pathogenic avian influenza in 03 countries, with deaths recorded: Danmark (3300 cc with 900 dc since 06/11/2023); Hungary (ongoing epidemic since 08/11/2023) and Portugal (death of the only confirmed case); The Veterinary and Food Administrations have implemented the necessary measures in accordance with the European Union Animal Health Law ;

➢ Confirmation of two outbreaks of African Swine Fever in: Ukraine (06cc, 04dc since 04/11/23) and Hong Kong (26cc, 10dc since 07/11/23); An African swine fever surveillance system is in place for domestic and wild pigs

WOAH, https://www.cdc.gov/flu/avianfl

NATIONAL ALERTS : Table of animal and zoonotic illneses EW 42

Deaseses	Localisation	Onset of illness	Notification date	Space	Area	Case	Death
Salmonellosis pig	CZV Doume, Haut Nyong, East	15/10/2023		Porcine	1	07	00
	CZV Bali, Mezam, North west	13/10/2023	13/10/2023	Porcine	1	07	00
Bovine trypanosomosis	CZV Lagdo, Benoue, Nord	14/10/2023	14/10/2023	Bovine	1	05	00
Rage	CZV Maroua 1, Diamare, Far-North	14/10/2023	18/10/2023	Canine	1	01	00

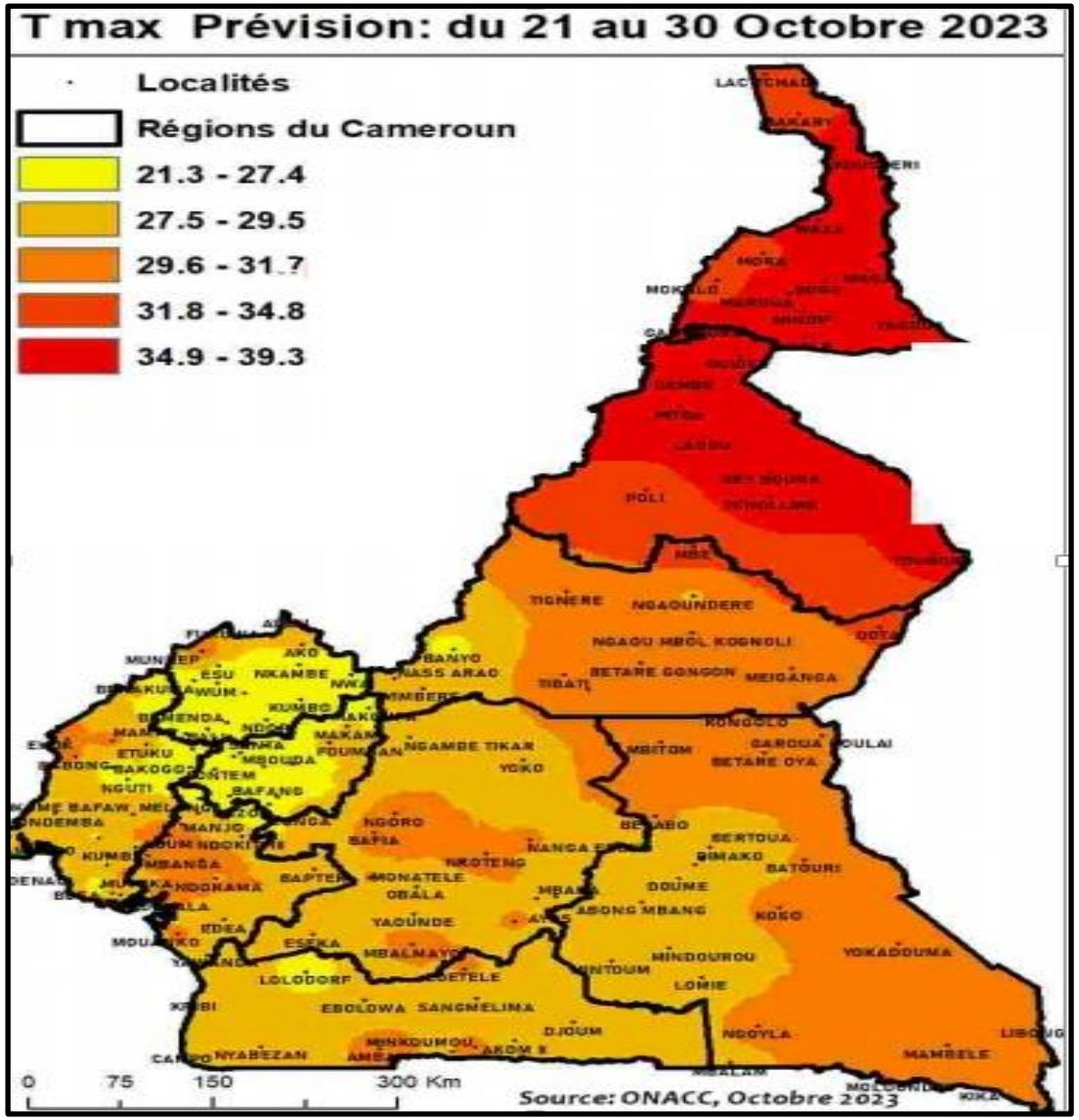
NATIONAL ALERTS : Table of animal and zoonotic illneses EW 42

Deaseses	Localisation	Onset illness	Notification date	Space	Area	Cases	Death
PPCB	CZV Akeh, Boyo, North-West	13/10/2023	13/10/2023	Bovine	1	10	00
PPR	CZV Dja, Haut Nyong, East	15/10/2023	15/10/2023	Caprine	1	50	00
Brucellosis	CZV Njinikom, Boyo, North-West	08/10/2023	13/10/2023	Caprine	1	01	00
Newcastle Disease	CZV d'Elak, Bui, North-West	17/10/2023	17/10/2023	Poultry	1	12	05

ENVIRONEMENTAL HEALTH

Climate Alerts: Risk Mapping

Mapping temperature trends and associated risks:



FROM October 21-30, 2023, the trend is marked by :

- **temperatures around 35 ° C in the localities of tibati , Bétaré , Banyo , Nass Arao .**
- **As a risk, we can have cases of flu, meningitis and malaria.**

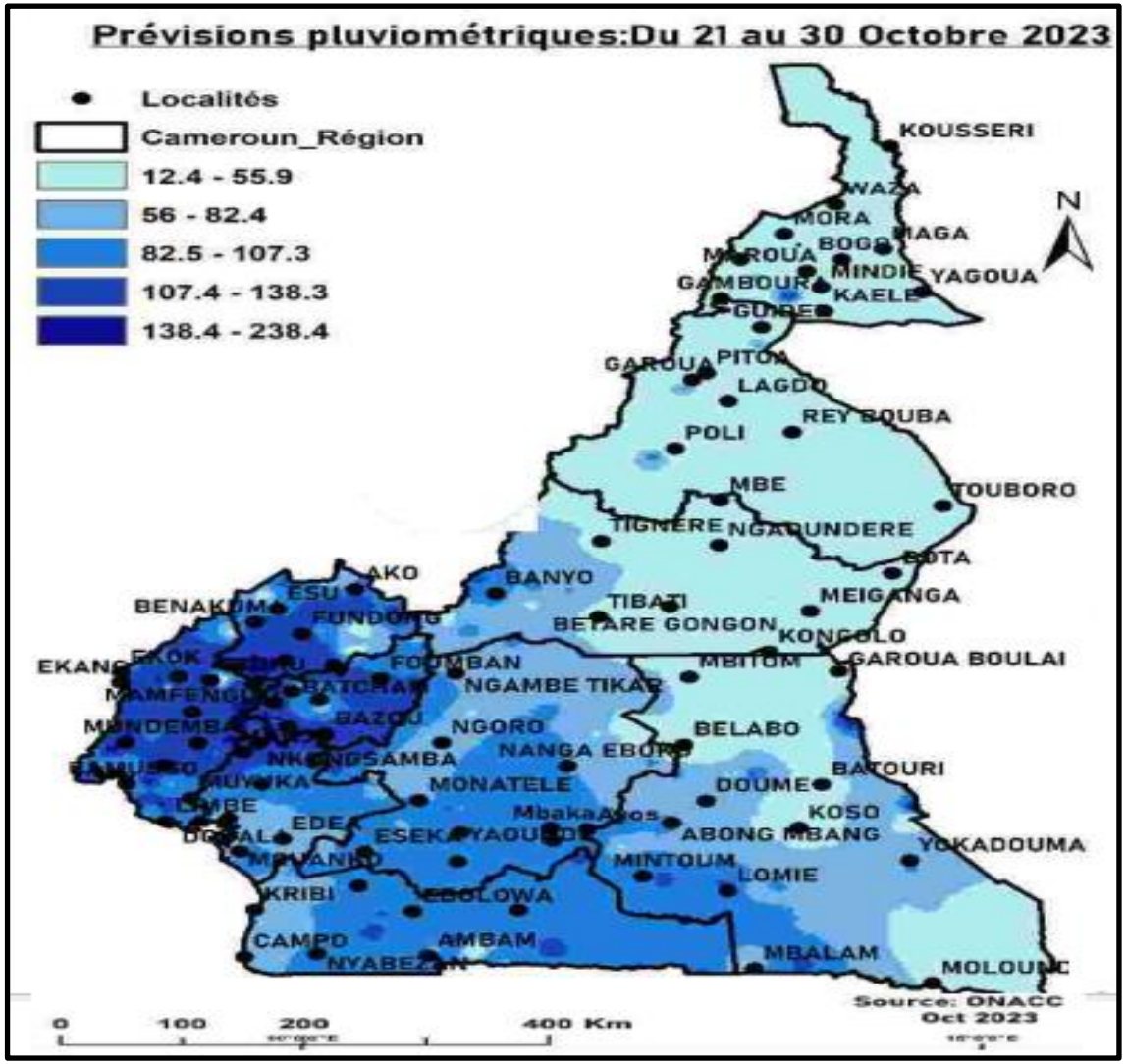
- **In the western regions, temperatures are recorded bass 21.3 to 27.4 °c .**
- **The population is also exposed to dehydration (elderly people, children)**

and starvation and malnutrition.

Source: ONACC October 2023

CLIMATE ALERTS MAP

Precipitation trends on the national territory and associated risks:



From October 21 to 30, 2023, the precipitation trend shows:

- **Constant precipitation in the South - West region around 300 mm. As a health risk, we have floods and the cholera epidemic of landslides.**
- **A decrease in rainfall in the regions of the extreme north falls between 12 and 56 mm. populations are exposed to dehydration.**

Source: ONACC October 2023

OTHER EVENTS

FOOD SAFETY

Halal Frozen Minced Steak 15% 10x80g" from the Carrefour Sensation brand, **lot V2503123**

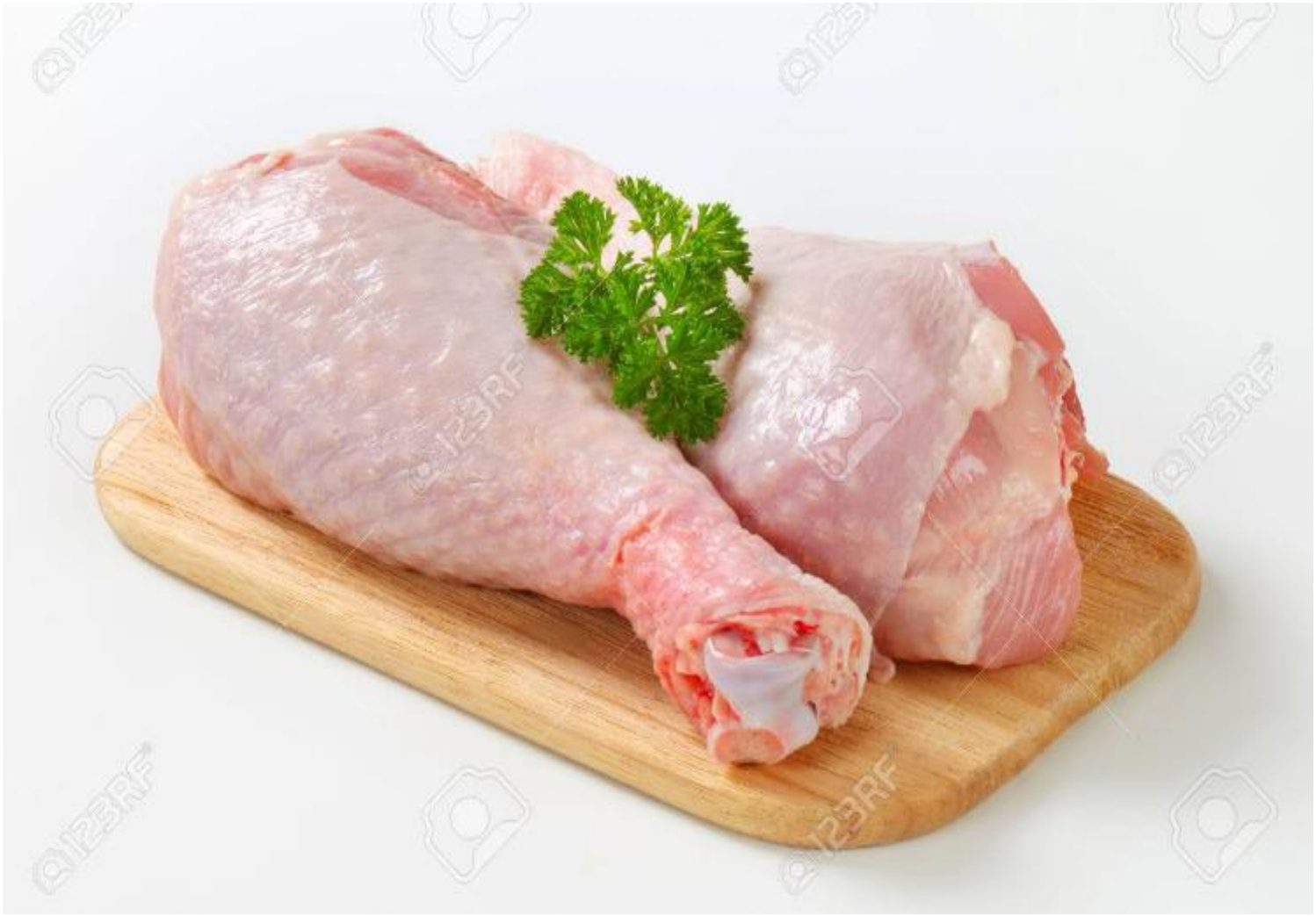


- **Category of product**: food
- **Sub-category of product** : Steak minced
- **Reason of withdrawal :** Products presenting non-compliance making the products unfit for consumption
- **Risks for consummer :** food poisoning and health risks appearing after long duration of consomption
- **Medical measures**: stop consumption of product, see a practician
- **Other measures**: systematic monitoring and withdrawal of this product from market

***Source**: Ministère de l'agriculture et de la souveraineté alimentaire. fr (rappel conso) 16-11-2023*

FOOD SAFETY

Turkey legs , **lot:** 0343161579



- **Category of product**: food
- **Sub-category of product** : Meat
- **Reason of withdrawal :** contaminated with Listeria
- **Risks for consummer :** food poisoning and health risks appearing after long duration of consomption
- **Medical measures**: stop consumption of product, see a practician
- **Other measures**: systematic monitoring and withdrawal of this product from market

***Source**: Ministère de l'agriculture et de la souveraineté alimentaire. fr (rappel conso) 16-11-2023*

FOOD SAFETY

Cookie GTIN : **3 256 227 463 440, 3 256 227 744 174 et 3 256 227 744 167s**



- **Category of product**: food
- **Sub-category of product** : Cookies
- **Reason of withdrawal : S**uspicion of the presence of metallic foreign materials
- **Risks for consummer :** food poisoning and health risks appearing after long duration of consomption
- **Medical measures**: stop consumption of product, see a practician
- **Other measures**: systematic monitoring and withdrawal of this product from market

***Source**: Ministère de l'agriculture et de la souveraineté alimentaire. fr (rappel conso) 15-11-2023*

PUBLIC ROAD ACCIDENTS, injuries and deaths EW 43, 2023

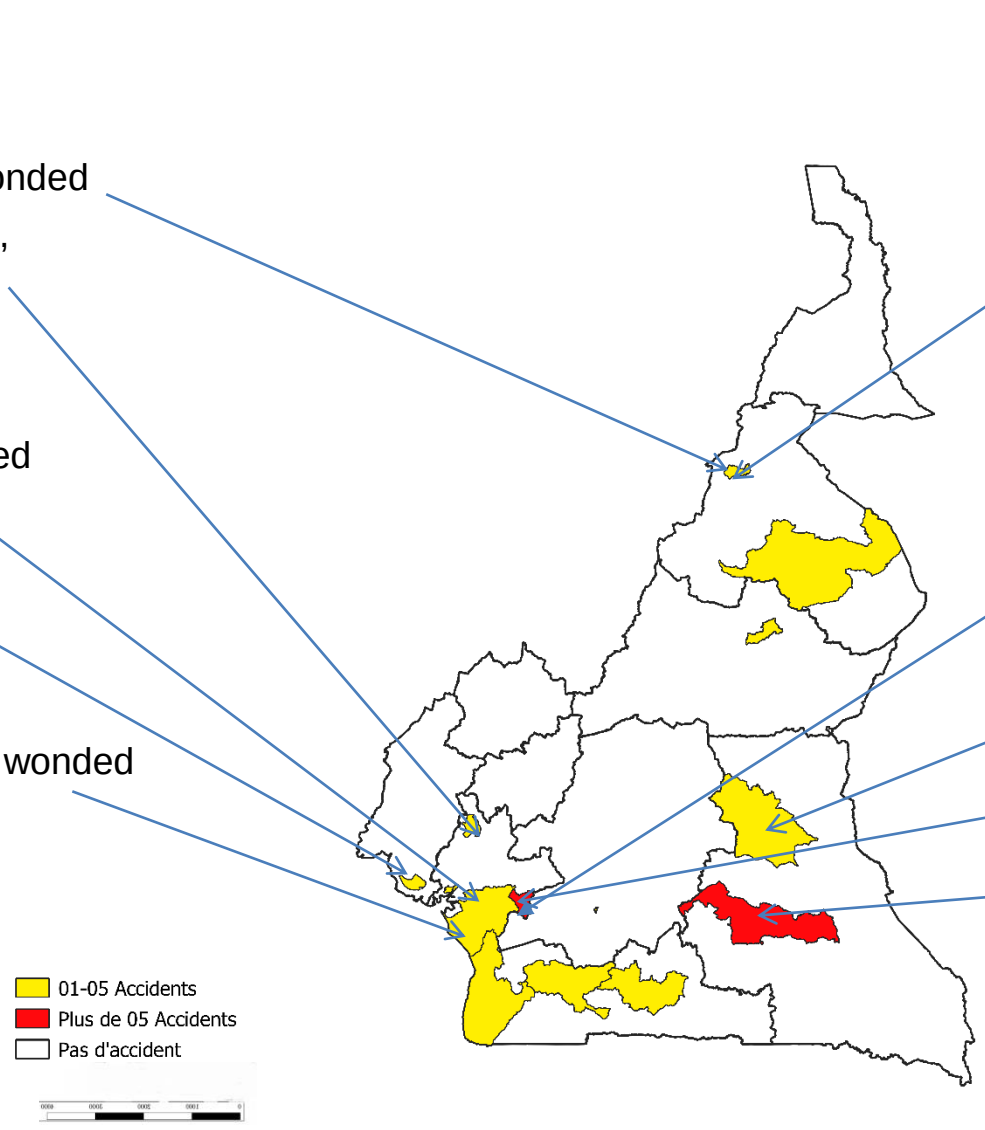
Garoua : 01 accident, 10 wonded

Buea : 03 accident,03 wonded, 02 death

Bonabéri : 01 accident, 03 wonded

Kribi : 02 accidents, 01 wonded

Edéa : 05 accidents, 00 death, 00 wonded



Tcholliré : 05 accidents, 01 wonded, 03 death

Bafia:03 accidents, 04 wonded

Bertoua: 021accidents, 01 death

Boumnyebel : 03 accidents, 01 wonded

Abong mbang : 01 accidents, 01 wonded, 02 death

Source : line list, PMR/MINDEF (11-17/09/2023)

MEDIATIC WATCH

Africa CDC: China-funded biosafety laboratory



The Africa Centers for Disease Control and Prevention officially opened its China-funded biosafety laboratory in Addis Ababa, the Ethiopian capital, on November 10. He will develop research on pathogens and epidemiology in Africa.

Source: www.cdc.org

World diabetes day, November 14



The global prevalence of diabetes has almost doubled since 1980, from 4.7% to 8.5% in the adult population. This reflects an increase in associated risk factors such as being overweight or obese. Diabetes is a major cause of blindness, kidney failure, heart attack, stroke and lower limb amputation. To avoid it, we recommend: a healthy diet, physical activity and avoiding smoking. Additionally, diabetes can be treated and its consequences avoided or delayed through medication, regular screening and treatment of complications.

Source: OMS 2023/ Minsante 2023

Cross-border surveillance in central africa



Launch in Yaoundé on November 13 of the Workshop for strengthening cross-border surveillance, coordination, collaboration and information sharing in the Central African region organized by @AfricaCDC. On the program, exchange and sharing of experience between member states of the sub-region, representatives of the @CEEAC_ECCAS of @MinsanteCMR and the team of @AfricaCDC .

Source: www.cdc.org

MEDIATIC WATCH

Titles	Extraction Date
➢**World diabetes day, November 14** Source : OMS 2023	14-11-2023
➢ **Yaoundé General Hospital: diabetes screening campaign from November 13 to 15, 2023 on the occasion of the 33rd World Diabetes Day** Source :Echo santé	13-11-2023
➢ **The WHO launches a commission to promote social bonds November 14** Source : OMS 2023	15-11-2023-
➢**WHO issues 13th update of COVID-19 treatment guidelines on November 10** Source: OMS 2023	11-11-2023

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