HEALTH WATCH

YEAR 2023, EW 35

"Information for action"



Ministry of Public Health
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PLAN

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HUMAN HEALTH

INTERNATIONAL ALERTS

INTERNATIONAL ALERTS: highlights

- **diphtheria** in Kankan region of Guinea since 4 July 2023, (117 cc, 37 cd); During week 34 (ending 27 August), 18 suspected cases, 07 deaths,
- **Cholera in Uganda** : 78 cc, 10 cd, CFR 12.8%; epicenter in Kayunga;
- Mpox in Africa : 1925 cc, 21 cd, CFR 1.1%, only DRC reported new cases since several months;
- **During epidemiological week 31**, 17 countries in the WHO African region (WHO AFRO) contributed to a Virological data collection for analysis on the ongoing epidemic of influenza running world wide; 980 specimens were collected, and 935 were tested for influenza. 68 specimens tested positive for influenza virus (positivity of 7.27%). Cumulatively from weeks 1 to 31, the WHO AFR influenza laboratory network has collected 65,737 specimens and tested 65,496, of which 5,060 were positive for influenza virus (positivity rate 7.73%);

- **Outbreak of cholera, salmonelosis and typfoid fever** since June 28 in **Congo:** 1689cc 37dt epicenter in the city of Dolisie;
- **Dengue** is an ongoing risk in many parts of Africa and the Middle East (map). Travelers to areas of risk should protect themselves by preventing mosquito bites in Cote d'Ivoire, Chad, Egypt, Mauritius, Sudan, Yemen, Saudi Arabia;
- **MVD in Equatorial Guinée** : Total confirmed cases 17, 12deaths **no new cases nor death recorded since several weeks.**

Source: WHO bulletin on outbreaks and other emergencies EW 34, CDC, influenza bulletin EW 31

International Alerts: Mapping of some African countries with outbreaks at EW 35

Algeria
cVDPV2: 03cc, 0dc
Diphteria : 80cc, 0dc

Niger
cVDPV2: 34cc, 0dc

Mauritania
FHCC: 01cc, 0dc

Guinée
Dengue: 01cc, 0dc
Diphteria : 117cc, 37dc

Benin
cVDPV2: 30cc, 0dc

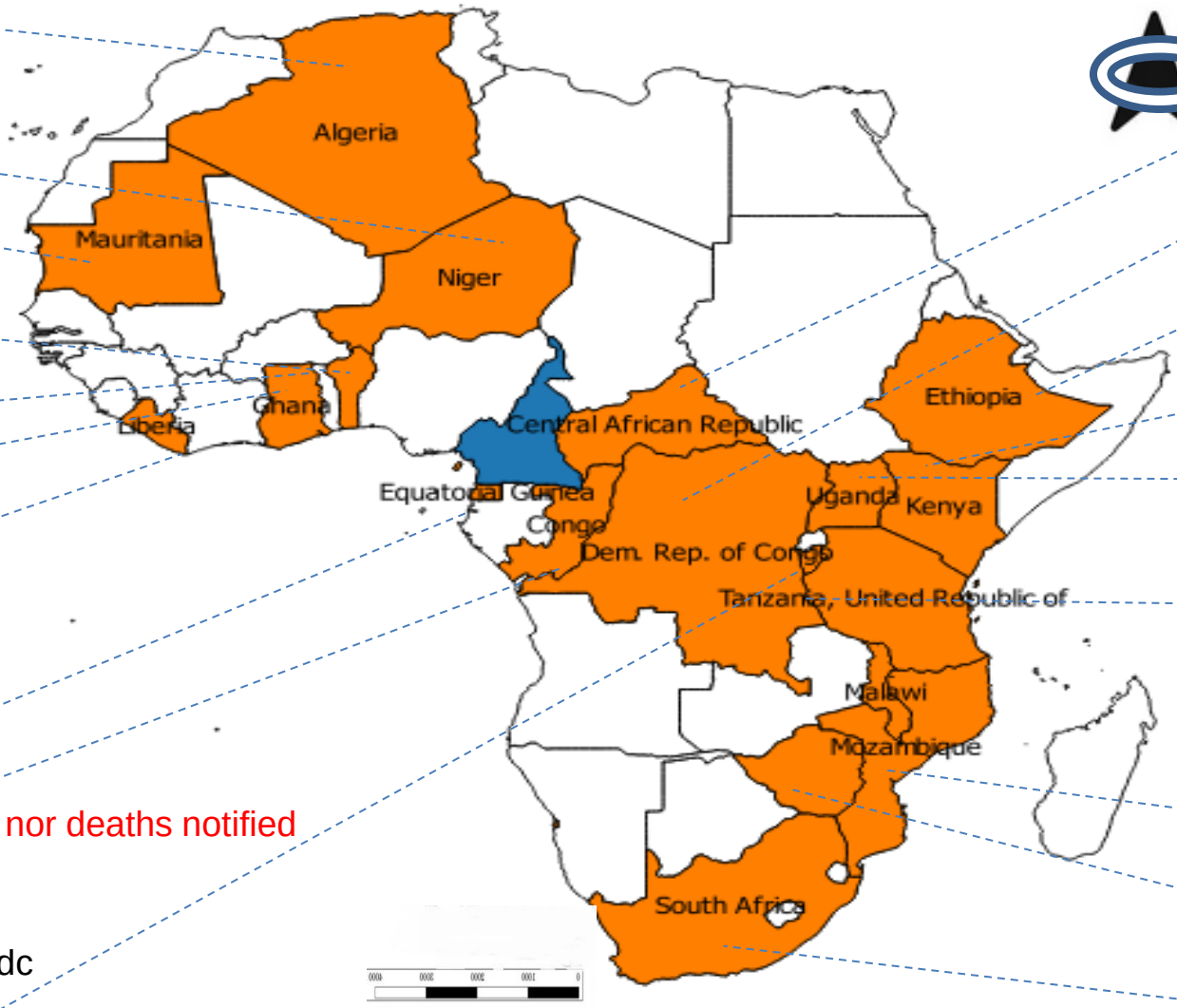
Ghana
cVDPV2: 34cc, 0dc
Mpox : 129cc, 0dc

Liberia
Lassa: 153cc, 24dc
Mpox : 104cc, 0dc

Guinée équatorial
MVM**:** 17cc, 12dc No new cases nor deaths notified since several weeks

Congo
Choléra, Shigellosis**: 2270**cc, 50dc
cVDPV1 : 1cc

Burundi
cVDPV2: 02cc, 0dc
Cholera : 609cc, 9dc



CAR
cVDPV2: 37cc, 0dc

DRC
cVDPV2: 430cc, 0dc

Ethiopa
Cholera: 18937cc, 247dc

Kenya
Choléra:12061cc, 200dc
cVDPV2: 3 cc , 0 dc

Uganda
Cholera: 65cc, 9dc

Tanzanie
cVDPV2: 1cc, 0dc

Malawi
Cholera: 58981cc, 1768dc
WPV1: 1cc, 0dt

Mozambique
WPV1: 8cc, 0dc

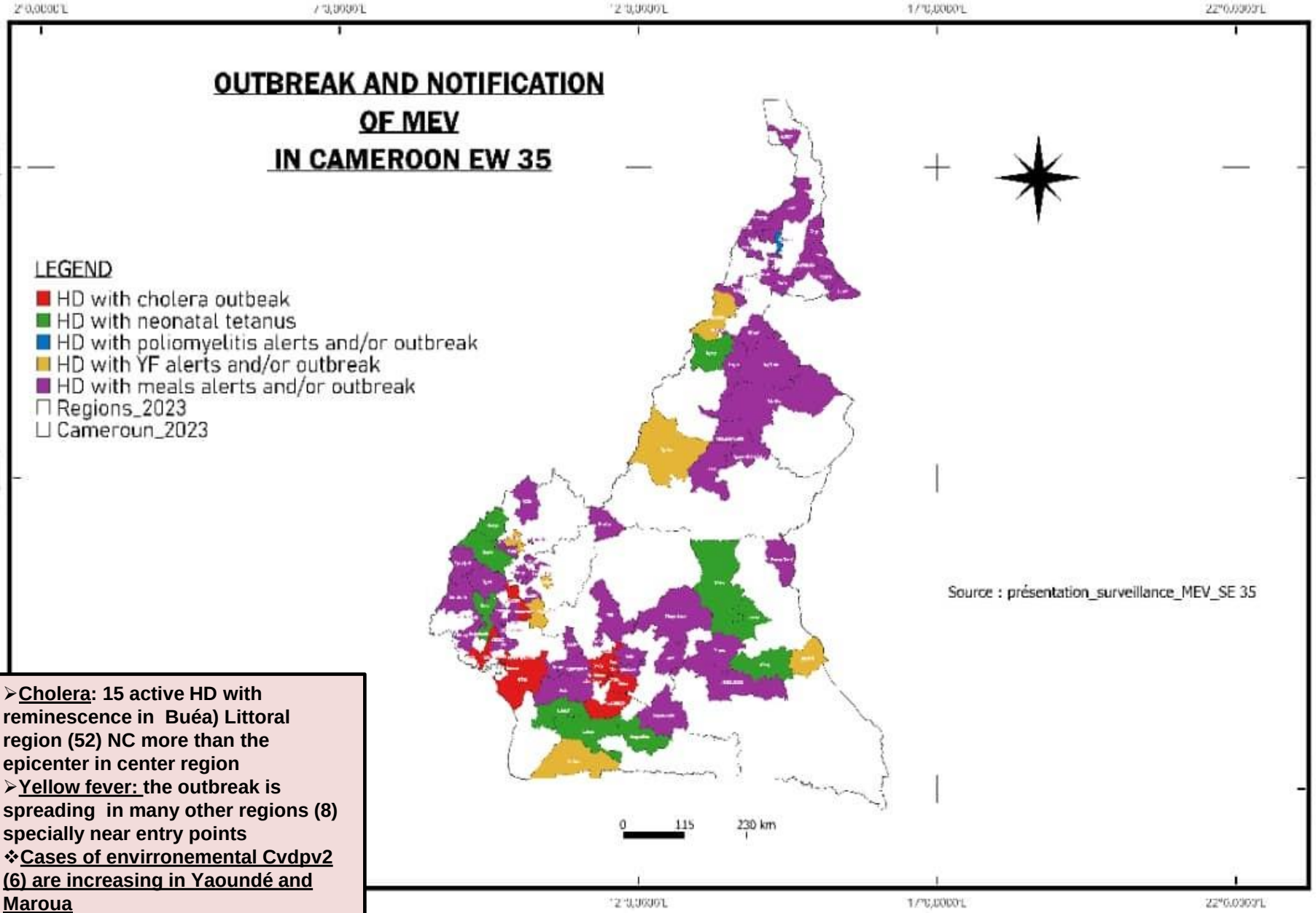
Zimbabwe
Choléra: 3894cc, 96dc

Afrique du sud
Measles: 6634cc, 0dc

Source: WHO, weekly bulletin on outbreaks and other emergencies, week 34

NATIONAL ALERTS

NATIONAL ALERTS: mapping of HD with active outbreaks at EW 35



❖The country is currently facing 04major outbreaks notabily :

- Measles in all the 10 regions;
- Cholera: at EW 35, 04 regions are actually active; Center, Littoral, West, South-west
- Yellow fever in 08 regions, 05 new regions have confirm cases (north west, west, littoral, adamaoua and north; control of yellow card should be intensified at PoE.

❖Cholera: increase in the number of new cases and deaths at EW 35, the outbreak is still very active with new HD touched. Constant efforts should be maintainded to put the outbreak under control; the center region is still.the epicenter of the outbreak Littoral notified most cases this EW.

- **Cholera: 15 active HD with reminescence in Buéa) Littoral region (52) NC more than the epicenter in center region**
- **Yellow fever: the outbreak is spreading in many other regions (8) specially near entry points**

❖**Cases of envirronemental Cvdpv2 (6) are increasing in Yaoundé and Maroua**

National Alerts: Vaccine Preventable Diseases

Total confirmed cases and deaths: EW 01 - 35/ 2023

VPD	Cas			death		CFR
	Suspects	confirmed	Notified EW 35	New	Total	
Yellow Fever	1027	20	00	-	-	-
Measles	6334	5885	00	-	-	-
Acute flaccid paralysis	516	05	03	-	-	-
Neonatal Tetanus	61	15	00	0	07	-
Cholera	20 294	1988	67	00	481	2,4

***Source*: 1)** *MEV-PEV,CPS SE 01 – 35, 2023;*
2) Liste linéaire du SGI Cholera du 29-08 – 04 -09 /2023

Measles

- **57** with outbreaks in EW 35
- **65** HD entered outbreak ; and **50**HD out of epidemic in 2023
- **5866** confirmed cases EW 1-33, 2023) **Adamaoua:** Bankim, Dang, Ngaoundéré rural ; Ngaoundéré Urbain; **Centre:** Ayos, Awae, Cité Verte, Ebebda, Eseka, Esse, Nanga Eboko, Ngog Mapubi, Ntui; **Est:** Abong-Mbang; Doumé, Garoua Boulai; **Extrême Nord :** Guere, Kolofata, 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, Penka Michel; **Nord-Ouest:** Bamenda 3; Batibo, Wum; **Ouest**: Mbouda; **Sud:** Meyomessala; **Sud-Ouest :** Konye, Kumba, Kumba North, Mundemba, Nguti, Tiko; Mbonge; Tombel; Eyumodjock ;
- **00 notified** cases at EW 35

Yellow fever

- **EW 35, 00 notified cases**
- **46 cas undetermined in 2023: awaiting seuroneutralisation**
- **20 confirmed cases by seroneutralisation : Adamaoua:** Tignère; **Centre:** Djoungolo (2); Odza; **Est**: Ndelele; **Littoral:** Bangue, Boko; Deido; Japoma; New Bell; Nkondjock; Nylon; **Nord:** Gaschiga; **Nord-Ouest:** Bali, Mbengwi; **Ouest:** Bandjoun; **Sud:** Ambam, Sangmélima; **Sud-Ouest** : Tiko (2));

Cholera

- **EW 35:** new 67 cases , 00 deaths
- **03 regions** with active outbreak LT,(52) CE (12), and South west (03) cases notified at EW 35
- **15 HD are active with** cases and deaths at EW 35
  - **CE**: Nkoldongo, Obala;
  - **LT:** Boko, New Bell, Nylon, Deido; **Bangue, Cité des palmiers, Bonassama**
  - **South west** : Tiko

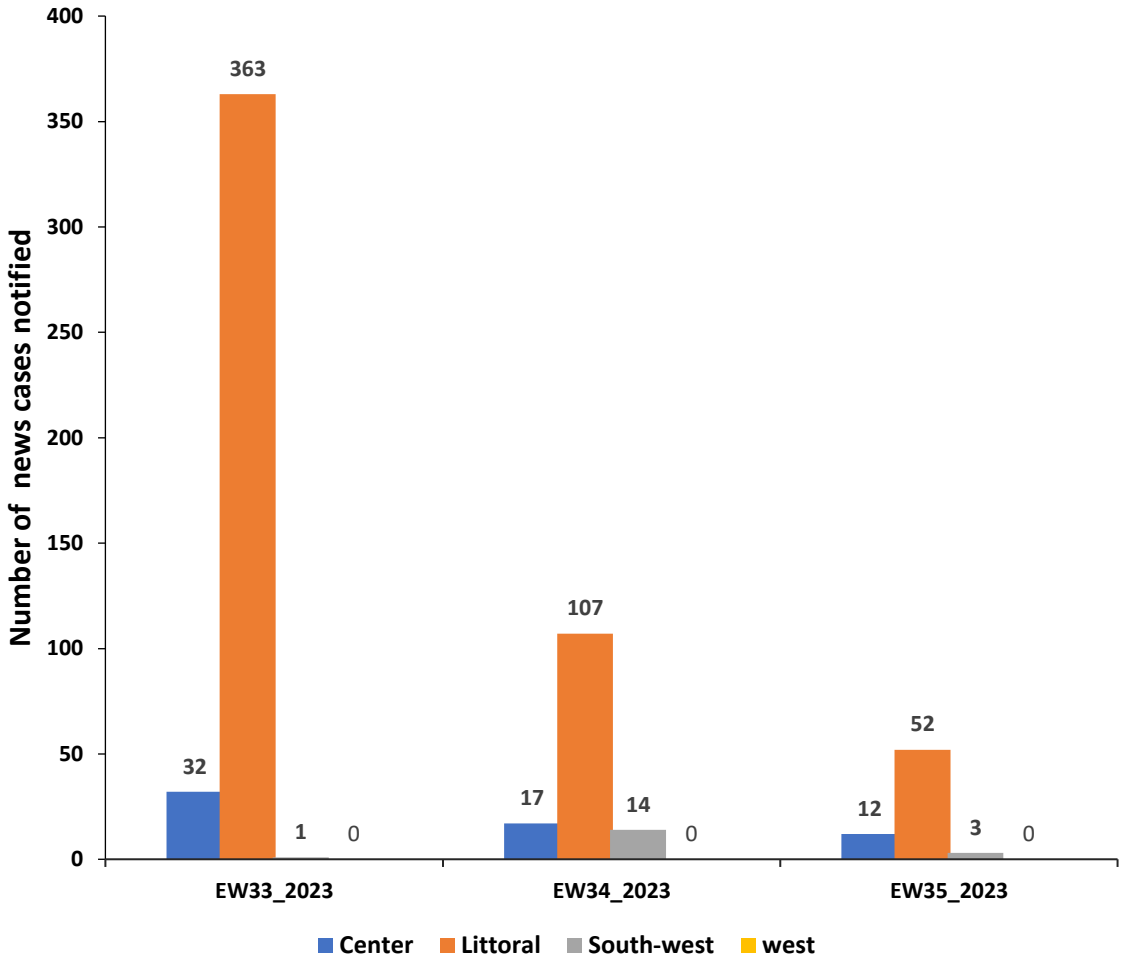
❖ 06 environnemental cases of cVDPV2 notified by center and Far north regions HD (cité verte, Mvog Ada, Maroua 2)

National Alerts: Highlights

KEY data

- **03** actives régions**: Center, Littoral and South-West**
- **15** active health districts
- **67** news cases and **4** deaths: **center(12), South-west(3), Littoral(52)**
- **20294** cases notified
- **1988** confirmed cases by culture
- **481** deaths recorded

DISTRIBUTION OF NEW CHOLERA CASES IN AFFECTED AREAS FROM EW 33 TO EW 35



Source: *Présentation IMS Choléra 07/09/2023*

National Alert: Risk of spread of cholera cases in Cameroon

- There are many HD in 05 regions (CE, LT, SO, East and WEST) that have notify cases since January 1st 2023;
- The epicenter is currently in the center region but the number of cases is increasing subsequently this last weeks in Littoral;
- Water borne disease wich has increased with rains of 60-100mm accompanied by flooding along the coast (NW, South, SW, East and LT regions) and 40-60mm in the CE, West regions;
- High population density in the prisons and market places of Douala and Yaoundé which may increase the spread of the disease.
- WASH: The effectiveness of these interventions varies across the national territory, in markets, prisons and other crowded areas

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			

Probability: 4

- 35 confirmed cases in the course of the week with 01 death;
- Cases have been reported in crowded places: prisons and markets that will spread rapidly
- CFR is 2.4;
- Contamination by direct contact with infected individuals;
- Through water, contaminated food and latrines;
- Causes severe dehydration and eventual death

Gravity: 4

Risk of spread : Critical risk

source: NHO, August 2023

BORDER HEALTH POSTS

Number of people screened at PoEs for diseases under surveillance at EW 35

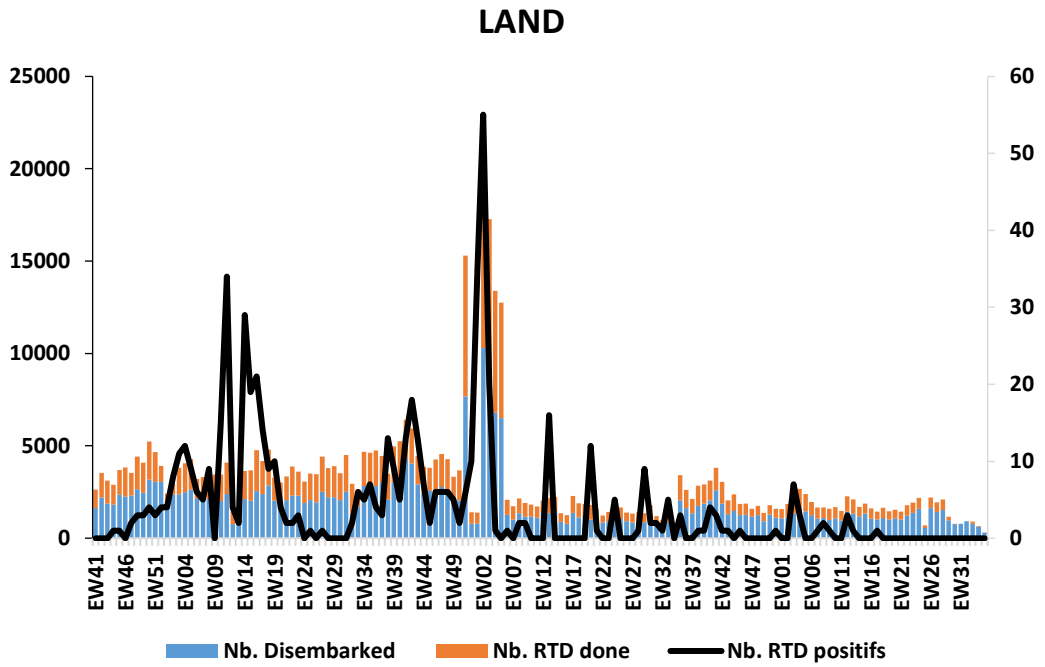
Diseases	Type of BHP		
	land	Maritime	Air
FHV	294	282	No data
Cholera	294	282	No data
Rougeole	294	282	No data
Fièvre Jaune	294	282	No data
Polio	294	282	No data
Mpox	294	282	No data
Test COVID-19 (TDR)	21	----	NA
Autre	294	282	No data
PFA	294	282	No data
MVM	294	282	No data

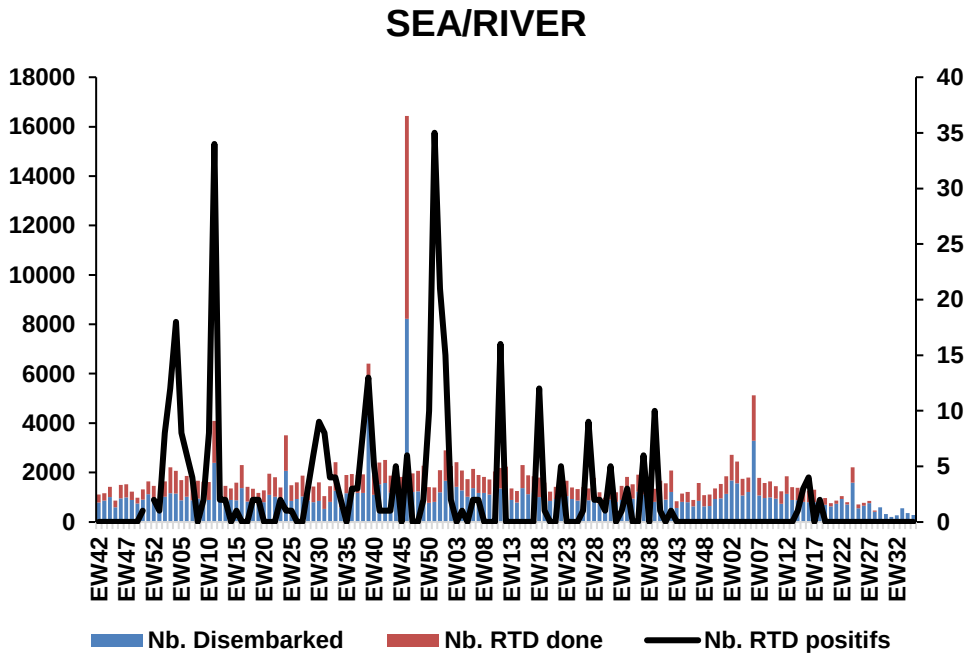
- Completeness of reports 25% on the decrease specially in land and maritime border health post; air port did not send any data
- 21 passengers tested at land borders for COVID 19, no positive case recorded

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

Source : Health watch NPHO at PoEs, EW 35, 2023

BORDER HEALTH POST





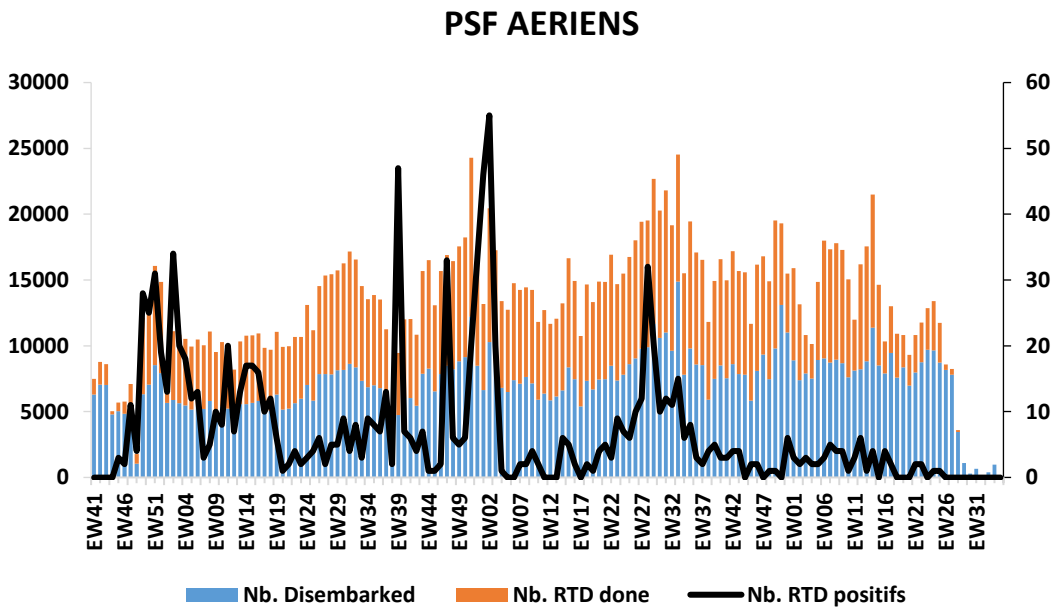
- 294 landed and 21 tested at BHP compared to 2055 landed and 1353 tested during the same period in 2022
- No passengers tested positive for BHP at EW 35

- 282 landed at BHP compared to 942 landed and 579 tested during the same period in 2022 and no positives cases

Source *: NOPH (07-09-2023)*

BORDER HEALTH POST

Statistical data from the BHP



We have not received any reports from aerial PSF at SE 35

At Epidemiological weeks 35, 576 passengers passed through the Border Health Post, 21 tests were performed and no covid-19 positive cases notified. Against 14863 arrived, 13810 tested and no positives cases during the same period in 2022.

Source: *NOPH (07-09-2023)*

ANNIMAL HEALTH

INTERNATIONAL highlights

- **World Organization for Animal Health** organizes an advanced diagnosis and sequencing of African Swine Fever virus bench top training at Onderstepoort Veterinary Research Institute (OVRI) in South Africa from August 28, 2023 to September 01, 2023;

- **France** declares that the risk level of HPAI is neglictable on it territory since July 22 in the the other part, the country has recover the statut of HPAI free country from WOAH since August 14 2023, but surveillance should remain high in all area

- **Italy** has confirm cases of african swine on it territory since August 30 2023 in domestic and wild pig

- **CDC Reports the first Two Human Infections with Flu Viruses** A(H1N2)v **From Pigs on August 4, 2023** in Michigan;

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

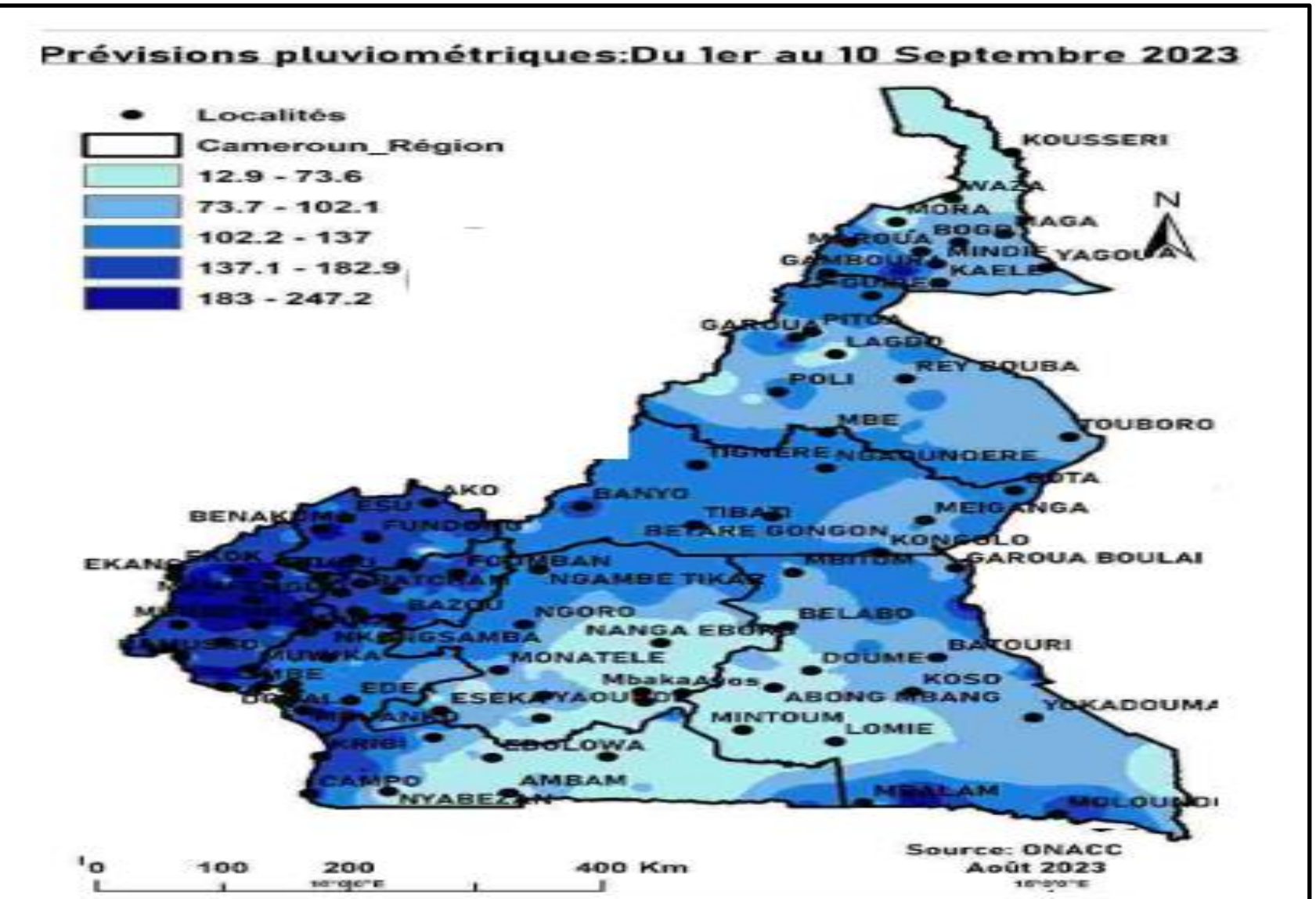
NATIONAL ALERTS : Table of animal and zoonotic illneses EW 32

illneses	location	start	Date of notification	species	sites	cases	deaths
avian Typhosis	CZV Mutengene, South-West region	14/07/2023	15/07/2023	avian	1	1950	65
Bovine Trypanosomosis	CZV Bashéo, north region	14/07/2023	15/07/2023	Bovine	1	21	00
Rabies	**CZV Kumbo bui south west region**	**-**	**-**	**canine**	**1**	**1**	**00**
PPA	CZV Mukondange north west region	14/06/2023	15/07/2023	porcine	1	06	06

ENVIRRONEMENTAL HEALTH

CLIMATIC ALERTS : MAPPING OF PRECIPITATIONS

Mapping of the Trend of precipitations all over the national territory and health risks:

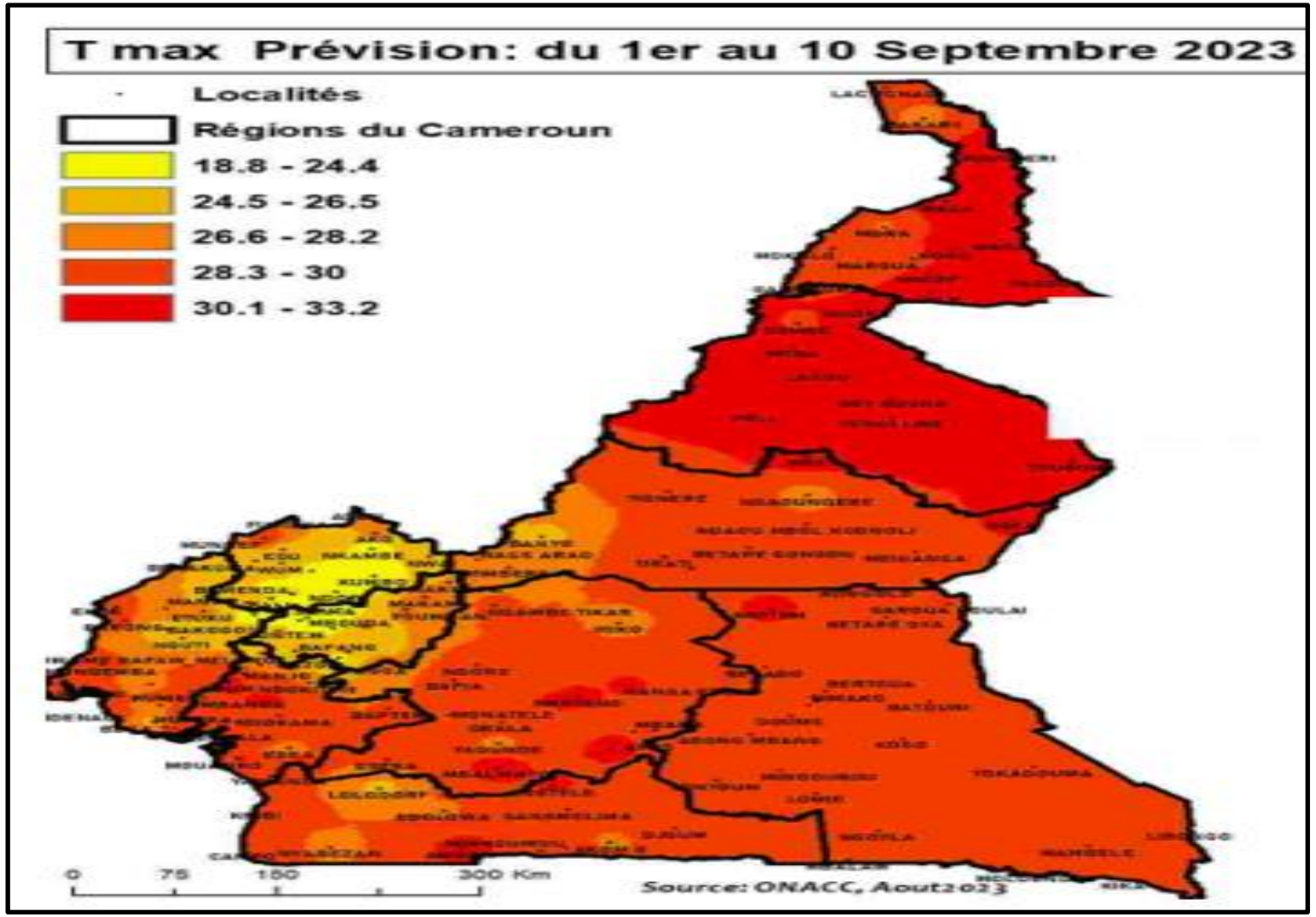


From September 1 to 10 2023, the trend of precipitations shows:

- **Increase of precipitations in South – West region, means 183 – 247,2mn .**
- **As health risks we have floods that is impacting on the cholera outbreak currently heating the country,**
- **dysenteria from entamoeba**
- **Increase in cases of typhoid fever .**
- **A scarcity of rains is observe in far north and center regions with means between 12 et 74 mm**
- **populations are exposed to deshydratation.**

Climatic Alerts : Mapping of the trend of temperature

Mapping of temperatures trend and associated health risks:



From 01 to 10 September 2023, the trend of temparature shows:

- **High temperatures 34°c in far north and Adamaoua regions and in localities like Zoétélé, Sangmélima Douala and Loum .**
- **in South, north west and West regions, lowest temperatures are recorded with means around 18,5 à 25 °c .**
- **As health risks , we notice an increase in the number of case of catharh, méningitis and malaria.**
- **population are also exposed to deshydratation famine and malnutrition espacialy in old persons and childrens**

Source: ONACC September 2023

OTHER EVENTS

FOOD SAFETY

Inspection mission of MINSANTE at ’’Congelcam’’



- **Category of product**: food
- **Sub-category of product** : fish and sea products
- **Reason of inspection :** deficiencies in the cool chain leading to the deterioration of products

Risks for consummer : intoxication

- **Medical measures**: stop consomption of product, destroy the stocks

see a practician if signs and symptoms after consomption

- **Other measures**: systematic surveillance and withdrawal from markets of the deteriorated product by ministry of commerce.

Source: Ministère du commerce , La voix du Centre 04-09-2023

FOOD SAFETY

Plantain with chemical products seized in Yaoundé



Yaoundé

Du plantain artificiellement mûri saisi

C'était au cours d'une descente de la brigade de contrôle régionale du Mincommerce au marché Mvog-Mbi vendredi dernier.

Debout près de son porte-tout, bouteille à la main, un jeune commerçant s'active à asperger les régimes de plantain contenus dans ledit porte-tout. Le cameraman amateur qui filme la scène qui se déroule selon lui au marché Mvog-Mbi de Yaoundé, s'insurge contre l'acte qu'il identifie à l'usage du formol pour accélérer le mûrissement du plantain. La vidéo publiée la semaine dernière a fait un tôlé sur la toile. Alertée par cette scène, ajoutée à d'autres récriminations déjà enregistrées dans ce marché,

Les commerçants fautifs seront dûment sanctionnés et les marchandises détruites.

- **Category of product**: food
- **Sub-category of product** : plantain
- **Reason of withdrawal :**
Presence of dangerous chemical products (formaldéhyde)
- **Risks for consummer :** intoxication, skin and mucosis burns, risks of cancers and other diseases after a long term consomption
- **Medical measures**: stop consumption of product,
see a practician
- **Other measures**: systematic surveillance and withdrawal from markets of the food containning this product by ministry of commerce.

***Source*: Ministère du commerce , Cameroon Tribune 21-08-2023**

FOOD SAFETY

DUO
Marque : **FROMAGERIE DES GORS**



- **Category of product**: food
- **Sub-category de produit** : milk and milk products
- **Reason of withdrawal :** Presence ofEscherichia coli shiga toxinogène (STEC)
- **Risks for consummer :** Escherichia coli shiga toxinogène (STEC) can causes after one week to persons that have consume the product ; bloody diarrhoéa, stomac pains and vomitting with fever, renal complications may occur specially in children pregnant women, persons with immunodepression and old persons..
- **Medical measures**: stop consumption of product
see a practician

•NB : the recall is effective in France but this product is imported in our country and present in our supermarkets

***Source**: Ministère de l'agriculture et de la souveraineté alimentaire. fr 01-09-2023*

FOOD SAFETY

Jus de Pomme 1L
Marque : **Somail Fruits**



- **Category of product**: food
- **Sub-category of product** : non alcoolic drinks
- **Reason of withdrawal :** rate of patuline higher than standards
- **Risks for consummer** : intoxication
- **Medical measures**: stop consumption of product
  Destroy the stock
  see a practician

NB : the recall in effective in France but this product is imported in our country and present in our supermarkets

***Source**: Ministère de l'agriculture et de la souveraineté alimentaire. fr 23-08-2023*

FOOD SAFETY

INFUSION CAMOMILLE
Marque : **CARREFOUR CLASSIC**



- **Category of product**: food
- **Sub-category of product** : coffee and tee
- **Reason of withdrawal :** presence of phytosanitary product higher than standards
- **Risks for consummer** : intoxication
- **Medical measures**: stop consumption of product
  Destroy the stock
  see a practician

NB : the recall in effective in France but this product is imported in our country and present in our supermarkets

***Source**: Ministère de l'agriculture et de la souveraineté alimentaire. fr 08-08-2023*

PHARMACOVIGILANCE

SHAMPOOING CHEVEUX SECS - LOT 3157411
Marque : **NECTAR OF BEAUTY**



- **Category of product**: hygiene and beauty
- **Sub-category of product** : Cosmetic
- **Reason of withdrawal :** potential risk of presence of Burkholdéria bateria responsible of many infections specialy in persons with immunodepression or a mucoviscidosis
- **Risks for consummer** : infection
- **Medical measures**: stop using the product

see a practician

NB: : the recall in effective in France but this product is imported in our country and present in our supermarkets

***Source**: Ministère de l'agriculture et de la souveraineté alimentaire. fr 29-08-2023*

MAPPING OF ROAD TRAFIC ACCIDENTS AND ASSOCIATED WOUNDS AND DEATHS IN CAMEROON (14-20 August, 2023)

Nkonssamba: 1accident, 00 wounded

Bonaberi: 3 accidents, 1 wounded

Edea: 01 accidents, 00 woundeds

Buea: 03 accidents, 03 wounded

Sangmelima: 1 accidents, 0 wounded

Tcholiré : 01 accident, 0death

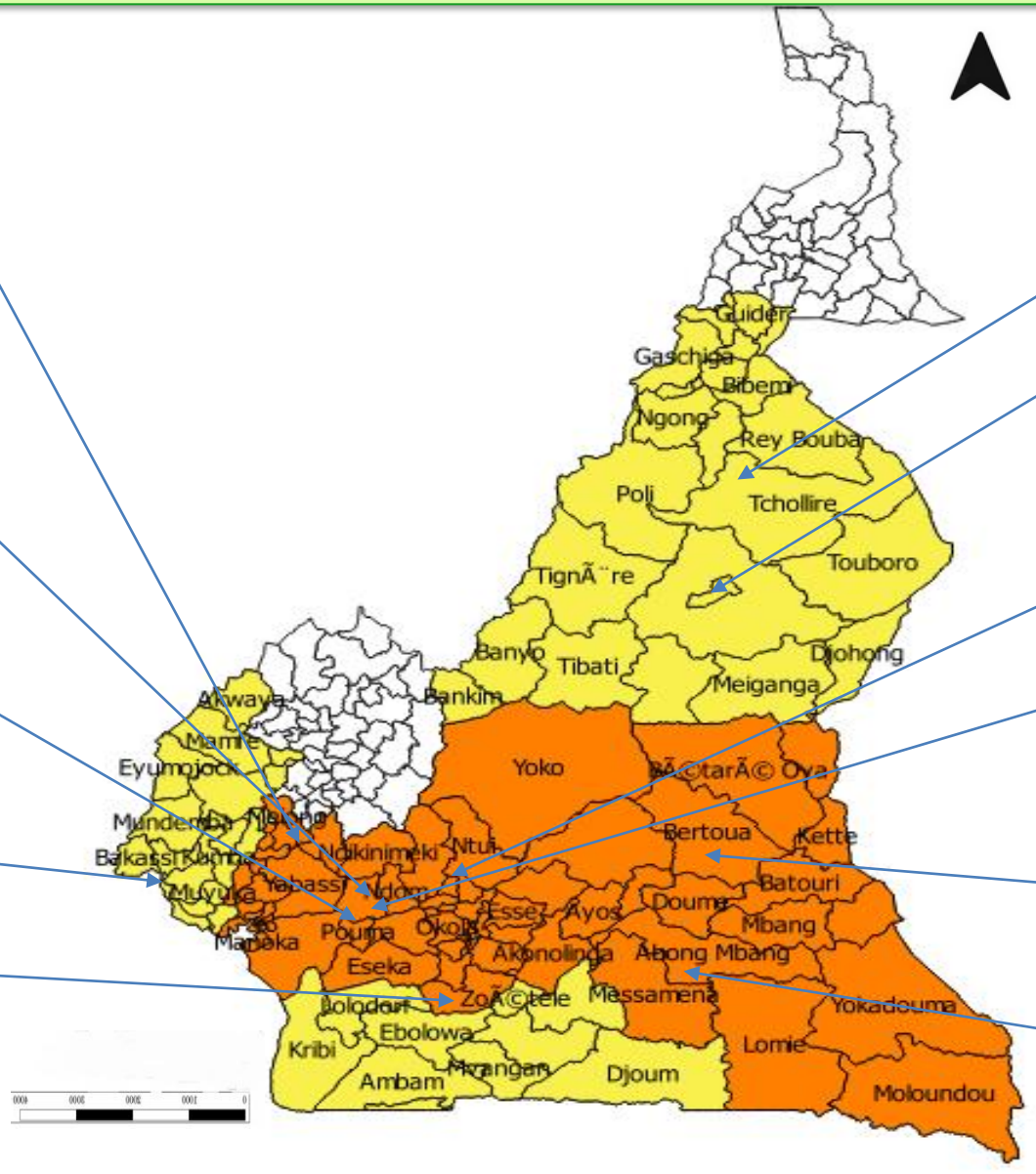
Ngaoundéré : 2 accident, 5 wounded, 2death

Bafia : 03 accidents, 7 woundeds, 1death

Boumyebel: 02 accidents, 00 wounded

Bertoua: 01accidents, 02 wounded

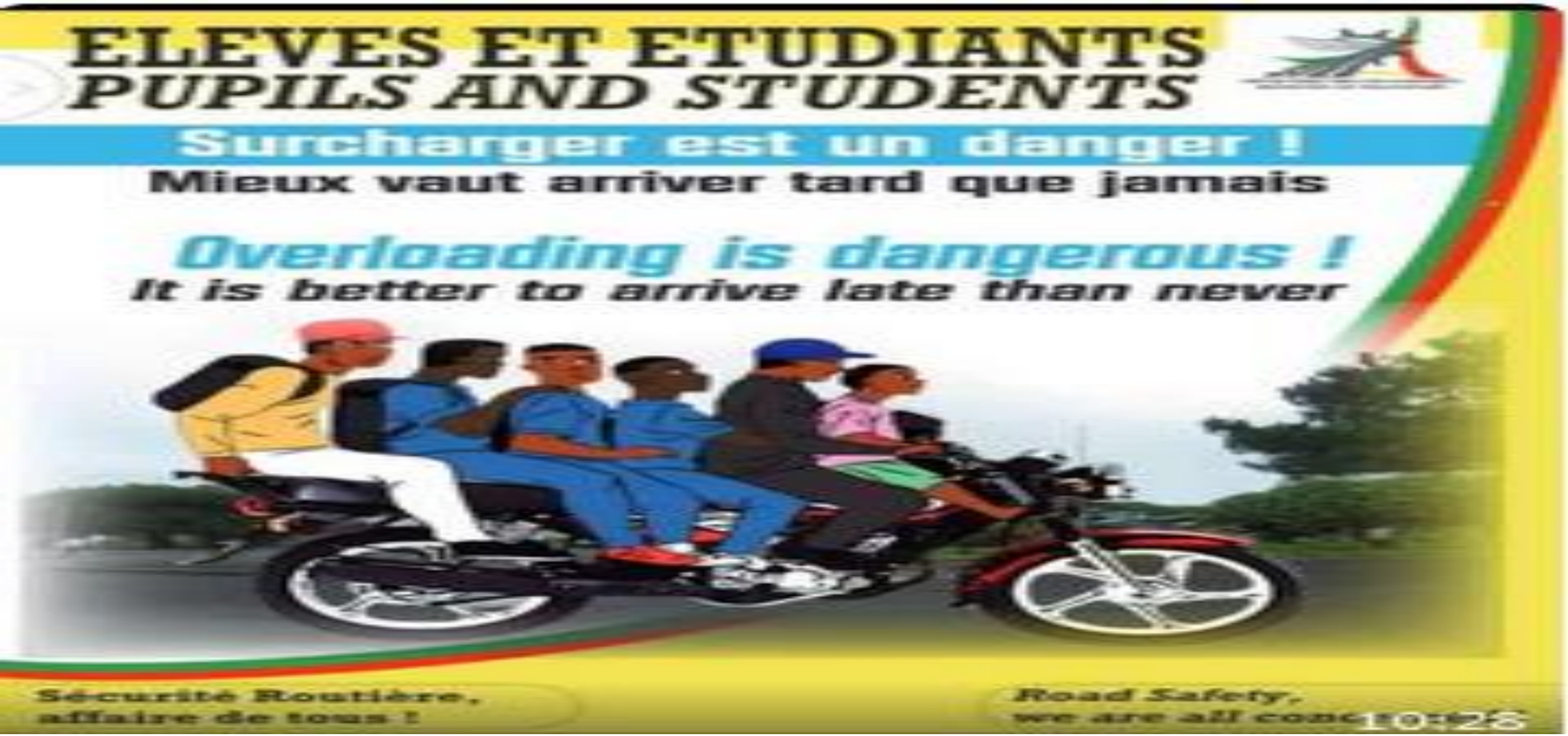
Abong mbang: 4 accidents, 03 woundeds, 01 death



- Health region with no accident notified
- Health region with 5-10 accidents
- Health region with 1-5 accident s

Source: line list, PMR/MINDEF, 14-20- 08 /2023

ROAD SAFETY CAMPAIGN TO AVOID ACCIDENTS, WOUNDS AND DEATHS IN CAMEROON DURING THE BACK TO SCHOOL 2023



Source: MINTRANSPORT September 2023

MEDIATIC WATCH

World Sexual Health Day, 4 September 2023



https://www.who.int/event

4 September 2023

On World Sexual Health Day, WHO celebrates every person's right to sexual well-being. The theme of World Sexual Health Day this year is 'Consent!', recognizing the importance of consent and mutual respect when it comes to sexual encounters. People should have complete and accurate information so they can make informed choices when it comes to their sexual and reproductive health. Read more about WHO's work to promote sexual well-being this World Sexual Health Day.

Primary Health Care: Lessons from countries during the COVID-19 pandemic, 4 September 2023



https://www.who.int/event

The Alliance for Health Policy and Systems Research (AHPSR) and World Health Organization (WHO) Special Programme on Primary Health Care (SP-PHC), in collaboration with WHO regional and country offices supported close to 50 in-country research teams to conduct case studies examining PHC in the context of the COVID-19 pandemic.

This set of country case studies identify and highlight new insights from the COVID-19 pandemic response around how countries have harnessed a PHC approach for steering their health systems' responses during crises. This event will provide an opportunity to share key findings from the case studies.

Working together for equity and healthier populations - sustainable multisectoral collaboration based on Health in All Policies approaches 6 September 2023



Join WHO and participants at the meeting in Tampere, Towards Sustainable Societies - Health in All Policies and Social Determinants of Health, to celebrate the launch of new WHO guidance that describes essential organizational functions for enabling and sustaining multisectoral collaboration. Multisectoral collaboration is an essential approach for addressing the social determinants of health equity.

https://www.who.int/news-room/events

International Day of Charity, 5 September 2023

United Nations | International Day of Charity 5 September



https://www.un.org/en/observances

Global Solidarity to Eradicate Poverty

Charity, like the notions of volunteerism and philanthropy, provides real social bonding and contributes to the creation of inclusive and more resilient societies. Charity can alleviate the worst effects of humanitarian crises, supplement public services in health care, education, housing and child protection. It assists the advancement of culture, science, sports, and the protection of cultural and natural heritage. It also promotes the rights of the marginalized and underprivileged and spreads the message of humanity in conflict situations.

In the 2030 Agenda on Sustainable Development adopted in September 2015, the United Nations recognizes that eradicating poverty in all its forms and dimensions, including extreme poverty, is the greatest global challenge and an indispensable requirement for sustainable development. The Agenda also calls for a spirit of strengthened global solidarity, focused in particular on the needs of the poorest and most vulnerable. It also acknowledges the role of the diverse private sector, ranging from micro-enterprises to cooperatives to multinationals, and that of civil society organizations and philanthropic organizations in the implementation of the new Agenda.

The 17 Sustainable Development Goals (SDGs) set forth in the Agenda can be grouped into six critical areas: people, planet, prosperity, peace, and partnership. They have the potential to transform our lives and our planet by providing the framework needed for philanthropic institutions to enable all people to contribute to the betterment of our world.

International Day of Clean Air for blue skies, 7 September 2023





https://www.un.org/en/observances

Together for Clean Air

•This year's theme of "Together for Clean Air" focuses on the need for stronger partnerships, increased investment and shared responsibility to overcome air pollution. Given the transboundary nature of air pollution, all stakeholders have a responsibility to protect the earth's atmosphere and ensure healthy air for everyone. Working together, across borders and boundaries, between sectors and beyond silos, will help reduce air pollution, leverage finance and investments towards air quality measures and solutions, and provide many benefits. This International Day of Clean Air for blue skies, we call upon everyone, from governments and corporations to civil society and individuals to come together to overcome air pollution. **#TogetherForCleanAir**

•A two-fold problem

Health impact: tiny, invisible particles of pollution penetrate deep into our lungs, bloodstream and bodies. These pollutants are responsible for about one-third of deaths from stroke, chronic respiratory disease, and lung cancer, as well as one quarter of deaths from heart attack. Ground-level ozone, produced from the interaction of many different pollutants in sunlight, is also a cause of asthma and chronic respiratory illnesses.

Climate impact: short-lived climate pollutants (SLCPs) are among those pollutants most linked with both health effects and near-term warming of the planet. They persist in the atmosphere for as little as a few days or up to a few decades, so reducing them can have an almost immediate health and climate benefits for those living in places where levels fall.

MEDIATIC WATCH

Titles	Extraction Date
➢ **Cameroon vaccination against poliomyelitis:** a new immunization campaign to be launched and will run from September 15 to 17, and will be completed by another one after one month. (Source: Cameroon Tribune)	01-09-2023
➢ **Cameroon Importation of fish and sea products** : an inspection mission of MINSANTE was send to the “congelcam” to access the quality of imported products and the cool chain Source : l’EQuation	04-09-2023
➢ **Cameroon Order of medical practicians**: the presidency of this order still in it dead end position Source : Santé nature info	04-09-2023
➢ **Cameroon traditional medicine :** the Minister of health as assure the stakeholders of his institutional support Source : Santé nature info	04-09-2023
➢**Cameroon use of corticoids**: a specialist in dermatology warns population on the fact that the use of corticoids for beauty purposes and other reasons may lead to osteoporosis Source : Santé nature info	04-09-2023

MEDIATIC WATCH

Titles	Extraction Date
➢ **Cameroon digital medical file :** the Minister of health leads a delegation in England since August 28 to work on the feasibility of the project with experts of digital medicine from The Phœnix Partnership entreprise; (Source: Actu Cameroun);	04-09-2023-
➢ **Cameroon zoonones program** : the program held the 36 session of it permanent secretariat on September 5 in Yaoundé to present activities carried out in the first semester of 2023 as well as those planned for the second; Source : PNLZER	06-09-2023
➢ **Cameroon fight against tuberculosis**: the NGO FIS is organizing a material retrocession day to health agents of projet TB- PEC@ 2.0 . On September 7 in Yaoundé Source : Echo Santé	06-09-2023
➢ **Cameroon vaccination against poliomyelitis** : the Minister of public health inform the general public that to face the increase of number of variants of poliomyelitis viruses in environemental samples the country will organize a vaccination campaign in six regions facing high risk (Center, Littoral, West, South west, North west) from September 22 to 24; Source : Echo Santé	06-09-2023

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