HEALTH WATCH

YEAR 2023, EW 31

"Information for action"



Ministry of Public Health
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PLAN

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HUMAN HEALTH

INTERNATIONAL ALERTS

INTERNATIONAL ALERTS: highlights

- **Outbreak of cholera, salmonelosis and typfoid fever since June 28 in Congo:** 1689cc 37dt epicenter in the city of Dolisie;
- **Cholera in many african countries:** the focus of WHO this epidemiological week is on Mozambique; 91nc, 33534cc, 141dt;

❖ **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 30

International alerts: mapping of some epidemics in Africa since EW 31

Chad
cVDPV2**:** 174cc, 0dt

Niger
cVDPV2: 34cc, 0 dt

Ghana
Mpox : 129cc, 4dt

Liberia
Lassa: 82cc, 24dt
Measles: 12637cc, 95dt
Mpox: 10cc, 0dt

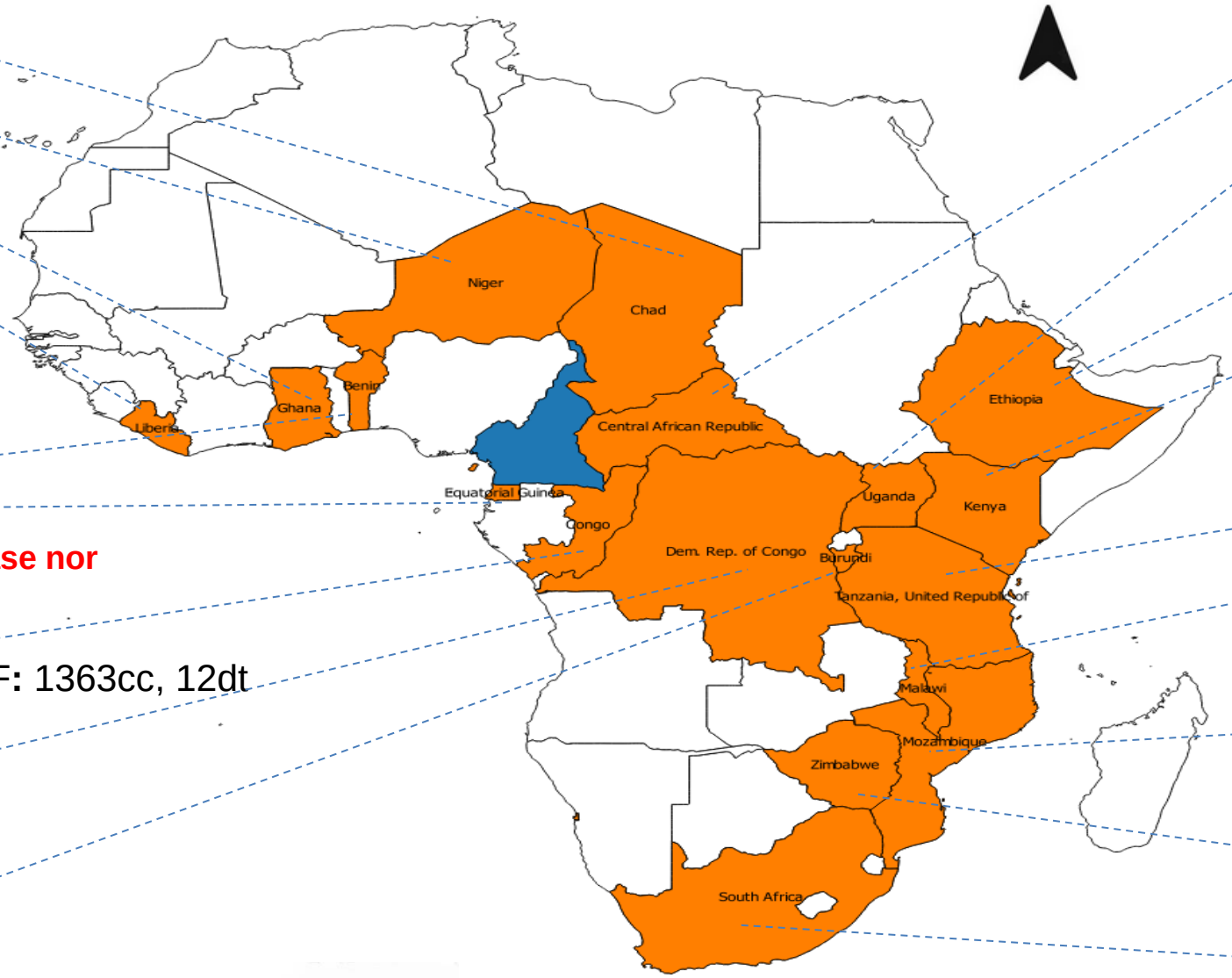
Bénin
cVDPV2: 27cc, 0dt

Guinée équatorial
MVM**:** 17cc, 12dt**, no new case nor death since several weeks**

Congo
Cholera, salmonelosis, TF**:** 1363cc, 12dt

DRC
cVDPV2: 407cc, 0dt
cVDPV1: 174cc, 0dt

Burundi
Cholera: 581cc, 9dt
cVDPV2: 19cc, 0dt



RCA
cVDPV2:37cc, 0dt

Uganda
Yellow Fever: 1178cc, 0dt

Ethiopia
cholera: 16324cc, 212dt

Kenya
Cholera**:** 11891cc, 194dt
Measles: 873cc, 16dt
cVDPV2: 03cc, 0dt

Tanzania
cVDPV2: 1cc, 0dt

Malawi
Cholera: 58964cc, 1768dt
WPV1: 1cc, 0dt

Mozambique
Cholera: 33344cc, 141dt
WPV1: 8cc, 0dt

Zimbabwe
Cholera: 3798cc, 82dt

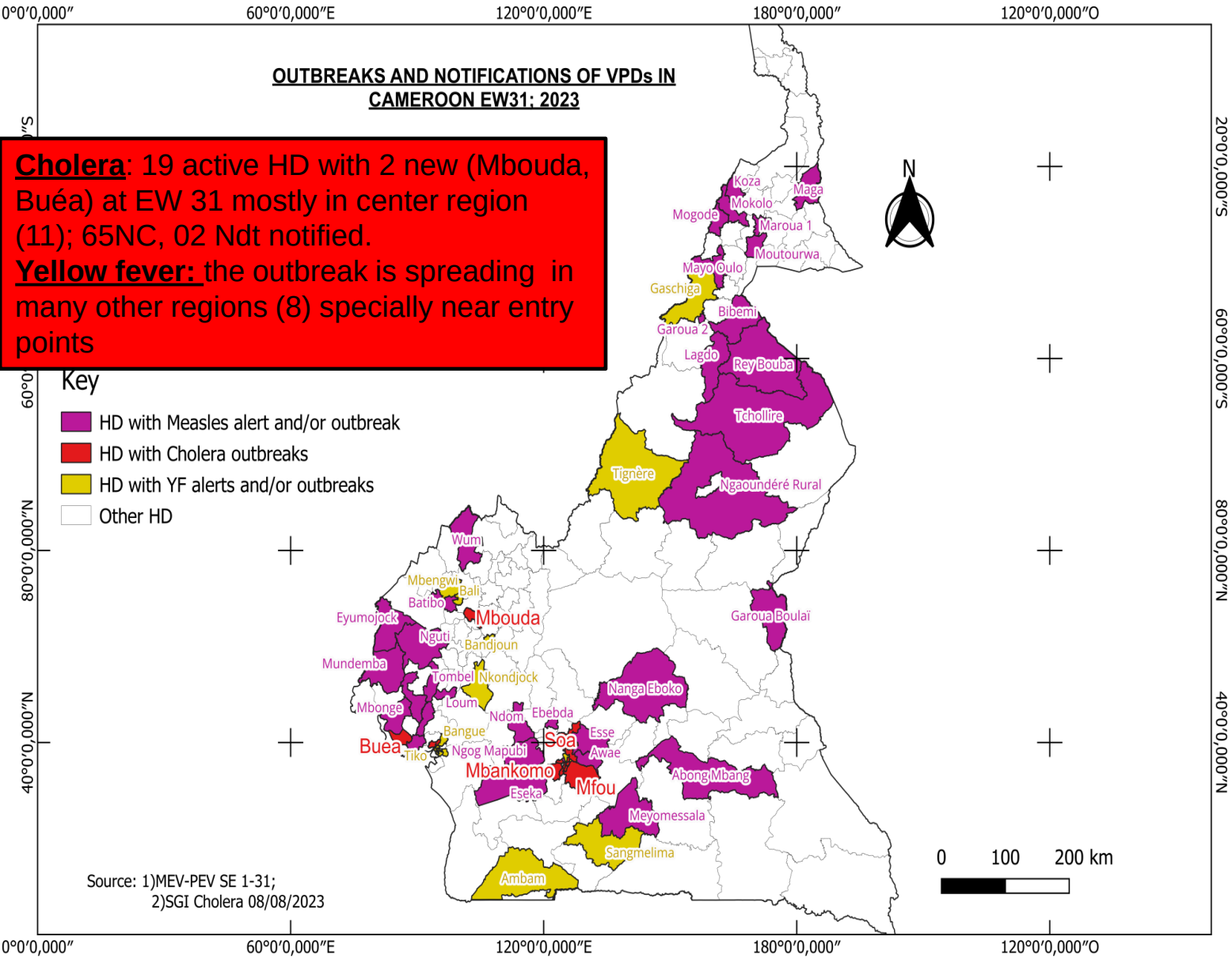
South Africa
Measles: 6541cc, 0dt

- Some african countries facing epidemics
- Other african countries
- Cameroon

Source: WHO, weekly bulletin on outbreaks and other emergencies, week 30

NATIONAL ALERTS

NATIONAL ALERTS: mapping of HD with active outbreaks at EW 31



❖The country is currently facing 03 major outbreaks notabily :

- Measles in all the 10 regions;
- Cholera: at EW 31, 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 31, 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.

National Alerts: Vaccine Preventable Diseases

Total confirmed cases and deaths: EW 01 - 31/ 2023

VPD	Cas			death		CFR
	Suspects	confirmed	Notified EW 30	New	Total	
Yellow Fever	766	20	00	-	-	-
Measles	5487	5050	46	-	-	-
Acute flaccid paralysis	463	08	02	-	-	-
Neonatal Tetanus	53	12	00	0	07	-
Cholera	19776	1927	93	02	475	2,4

***Source*: 1)** *MEV-PEV,CPS SE 01 – 31, 2023;*
2) Liste linéaire du SGI Cholera du 08/08/2023

Measles

- **90** with outbreaks in EW 31
- **64** HD entered outbreak ; and **29** HD out of epidemic in 2023
- **5050** confirmed cases EW 1-31, 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 ;
- **46 notified** cases at EW 30

Yellow fever

- **EW 31, 00 notified cases**
- **37 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

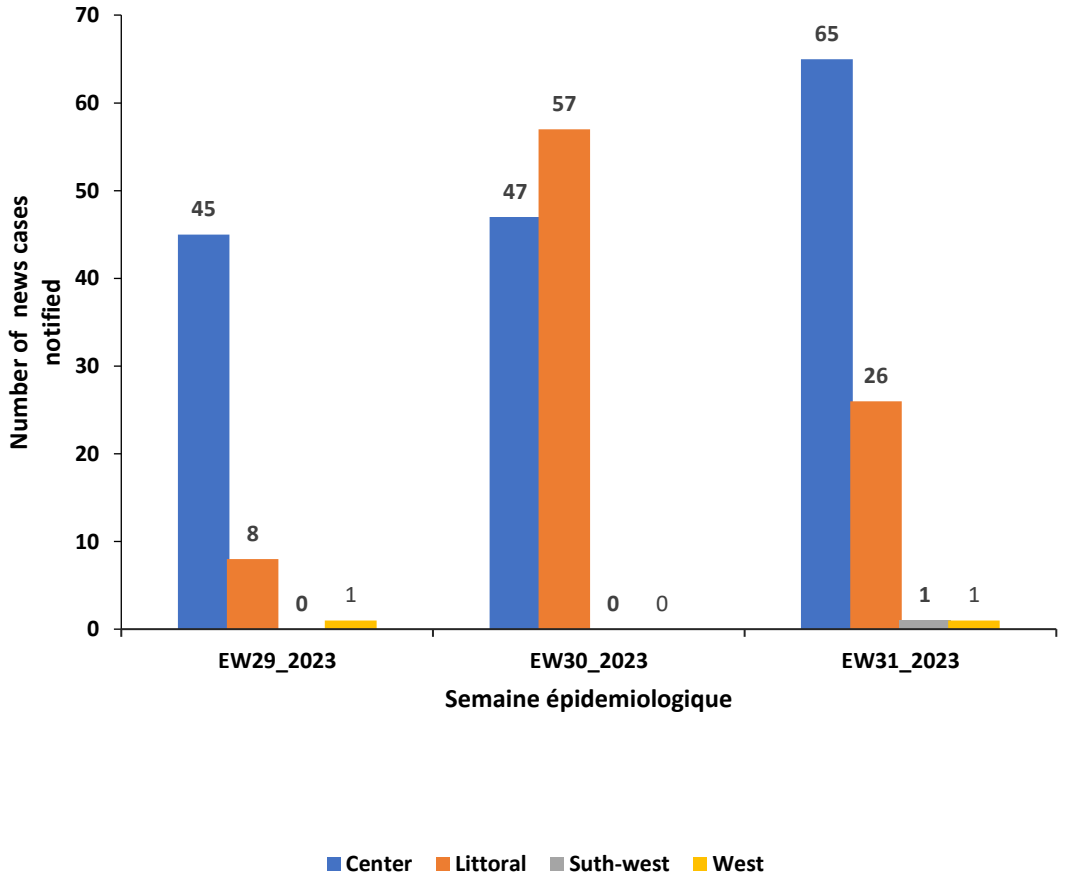
- **EW 31:** new 93 cases , 02 deaths
- **04 regions** with active outbreak LT,(26) CE (65),West (01) and South west (1) cases notified at EW 31
- **19 HD are active with** cases and deaths at EW 31
  - **CE**: Biyem Assi, Cité verte, Djoungolo, Mfou, Mvog Ada, Nkolbisson, Nkoldongo, Obala, Odza, Soa;
  - **LT:** Boko, New Bell, Nylon;
  - **West**: Mbouda
  - **South west** : Buéa

National Alerts: Highlights

KEY data

- **04** actives régions**: Center, Littoral, West and South-West**
- **19** active health districts
- **93** news cases and **2** deaths: **center(65), west(1) and South-west(1), Littoral(26)**
- **19776** cases notified
- **1927** confirmed cases by culture
- **475** deaths recorded

DISTRIBUTION OF NEW CHOLERA CASES IN AFFECTED AREAS FROM EW 29 TO EW 31



Source: *Présentation IMS Choléra 09/08/2023*

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

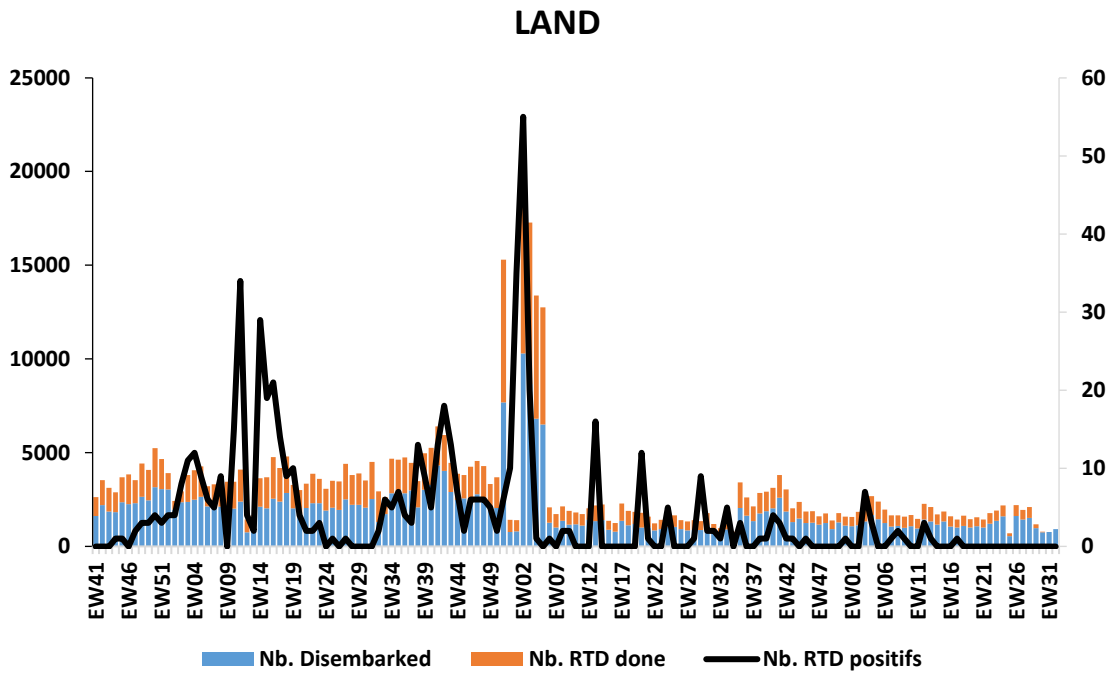
Number of people screened at PoEs for diseases under surveillance at EW 31

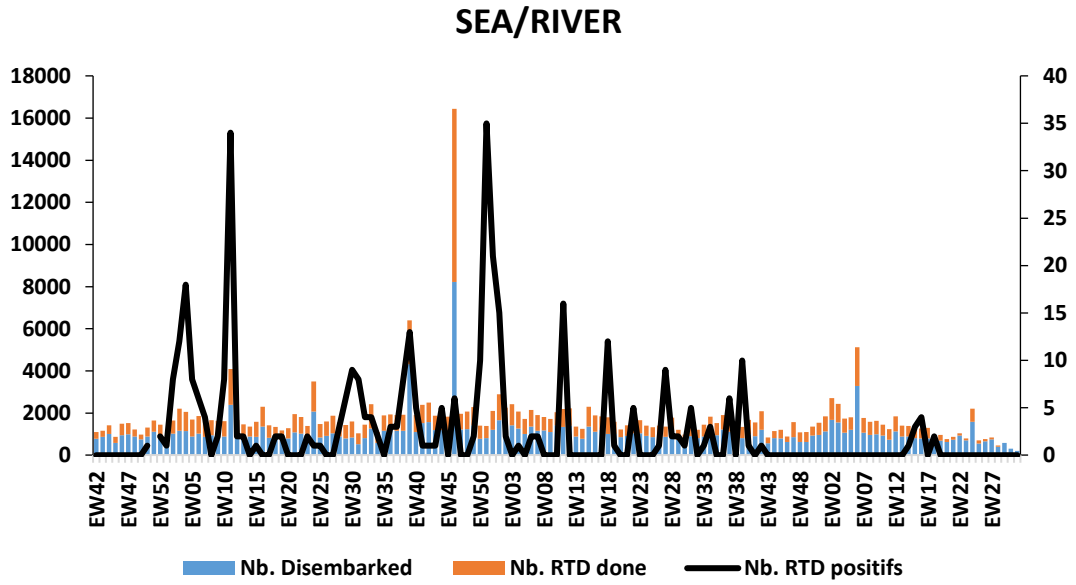
Diseases	Type of BHP		
	land	Maritime	Air
FHV	929	201	665
Cholera	929	201	665
Rougeole	929	201	665
Fièvre Jaune	929	201	665
Polio	929	201	665
Mpox	929	201	665
Test COVID-19 (TDR)	132	----	00
Autre	929	201	665
PFA	929	201	665
MVM	929	201	665

- Completeness of reports 40% on the decrease specially in land and maritime border health post;
- Insufficient ICP and necessary material to ameliorate WASH and IPC mesures.

Source : Health watch NPHO at PoEs, EW 31, 2023

BORDER HEALTH POST





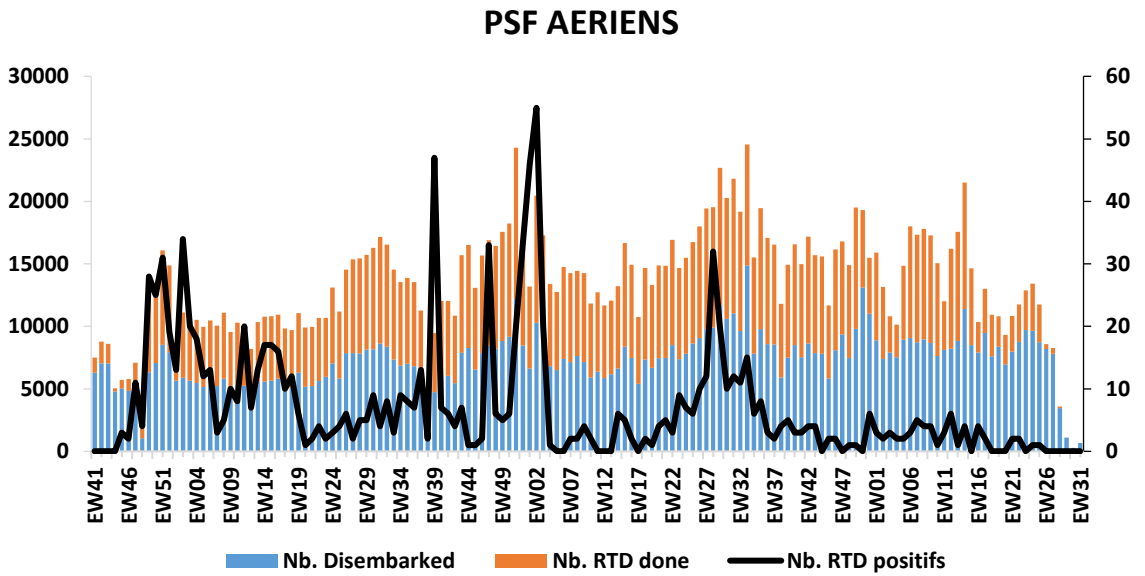
- 929 landed and 132 tested at BHP compared to 731 landed and 470 tested during the same period in 2022
- No passengers tested positive for BHP at EW 31

- 201 landed at BHP compared to 901 landed and 732 tested during the same period in 2022 and 05 positives cases
- No passengers tested positive for BHP at EW 31

Source *: NOPH (09-08-2023)*

BORDER HEALTH POST

Statistical data from the BHP



At Epidemiological weeks 31, 1794 passengers passed through the Border Health Post, no tests were performed and no covid-19 positive cases notified. Against 15643 arrived, 13807 tested and 20 positives cases during the same period in 2022.

- 665 landed at BHP compared to 11022 landed and 10781 tested and 12 positives cases during the same period in 2022

Source: *NOPH (09-08-2023)*

ANNIMAL HEALTH

INTERNATIONAL highlights

- July 21, 2023 – An outbreak of H5N1 bird flu in household cats was recently reported by the World Health Organization, underscoring that these viruses can infect and cause illness in household pets. Thirty-four domestic cats across eight provinces in Poland tested positive for avian influenza A(H5N1) virus (“H5N1 bird flu”;)

- **Many site of H5N1** still notified by european countries, 03new sites of avian influenza higly pathogen HPAI detected in France but the governement is maintaining the risk level at moderate;

- Sequencing of the virus notified on cats in Poland, found that these viruses are well-matched to a candidate vaccine virus (CVV) developed by CDC in 2022. CVVs are used to produce vaccine for people, if needed. The existing 2022 CVV would provide good protection against these viruses based on genetic sequencing.

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

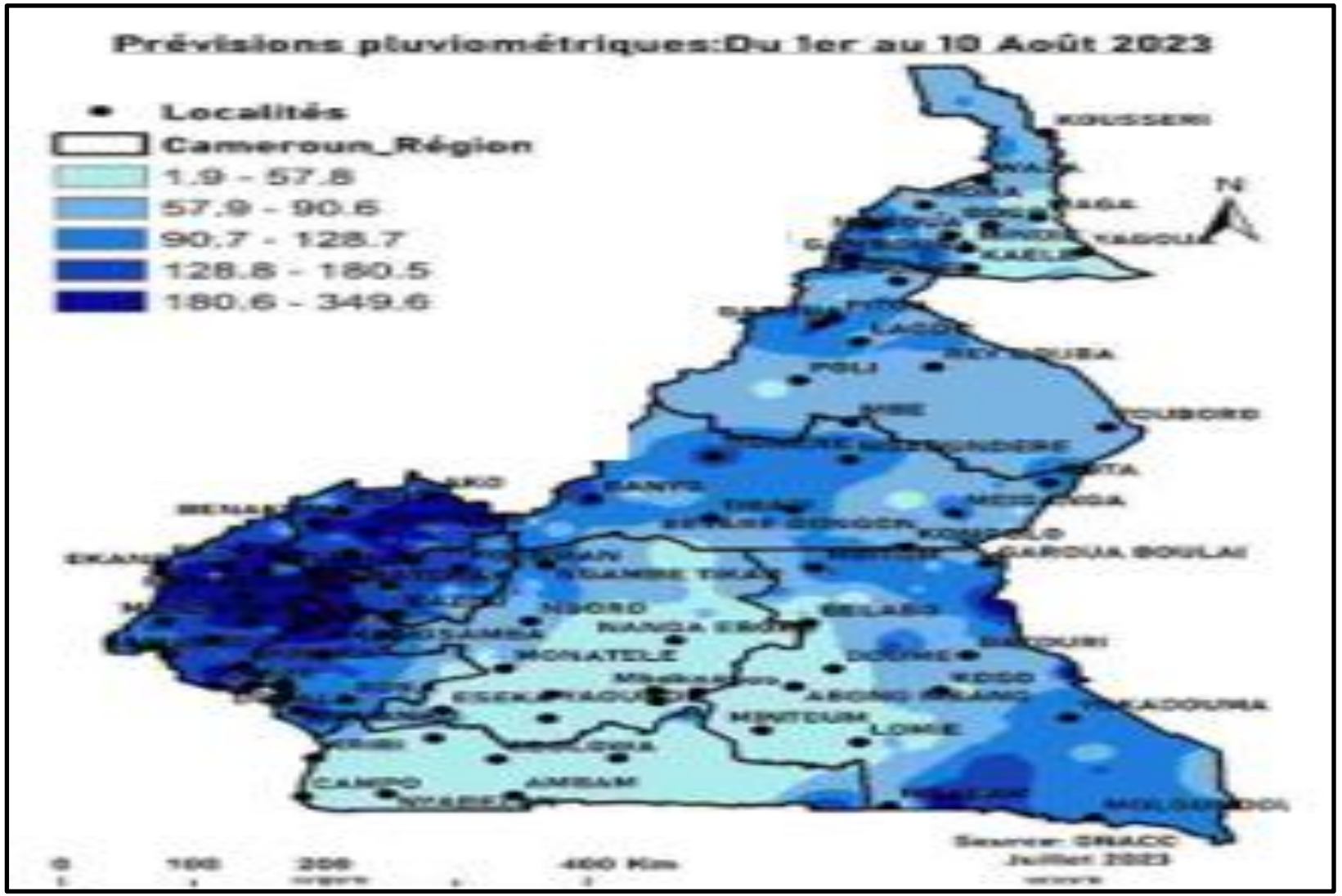
NATIONAL ALERTS : Table of animal and zoonotic illneses EW 29

illneses	location	start	Date of notification	species	sites	cases	deaths
avian Typhosis	CZV Bankouop, West region	-	-	avian	1	300	10
Bovine Trypanosomosis	CZV ntumbaw, north west region CZV Lagdo, North region	22/06/2023 30/06/2023	02/07/2023 30/06/2023	Bovine	2	03 03	00 00
PPR	**CZV Koutaba west region**	-	-	caprine	1	12	01
PPA	CZV Muea south west region	28/06/2023	07/07/2023	porcine	1	04	02

ENVIRRONEMENTAL HEALTH

MAPPING OF CLIMATIC ALERTS

Trend of precipitations over the national territory and associated health risks :



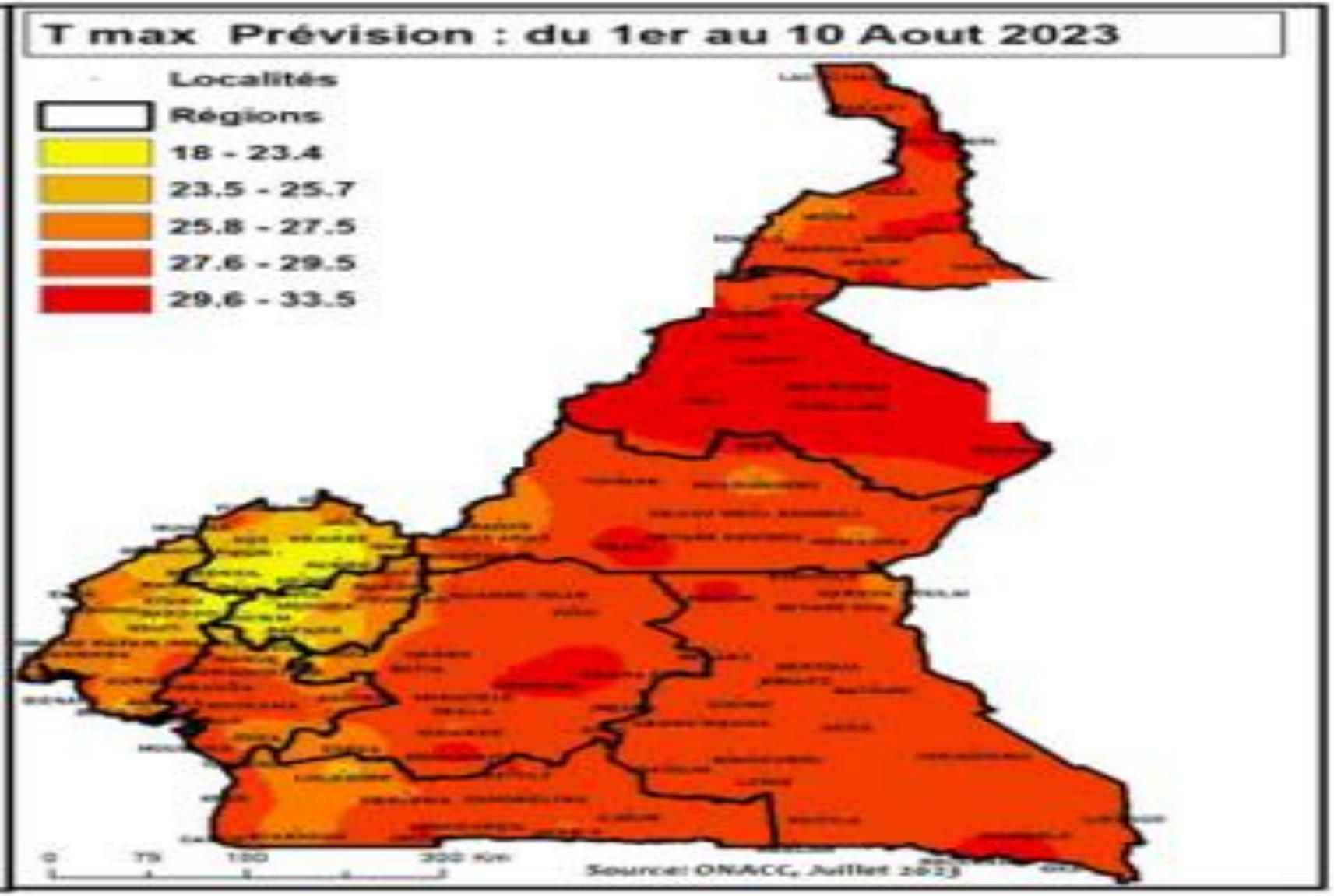
from August 1 au 10 2023, the precipitations trend shows:

- **An increase of rains in South - west and Littoral, 349,6 mm;**
- **Associated health risks are: flood and land slides leading to wounds and deaths in another part, the current cholera outbreak according to our previsions gaining in intensity specially in Littoral.**
- **We notice a decrease of rains in center region 1,9 et 57,8 .**
- **populations are exposed to dehydratation.**

- **Northern regions are receiving more rains that are under control for the moment; but the risk of floods should be watch up during this period and for up-coming months.**

Climatic Alerts : mapping of temperature trend

Mapping of temperature trend and associated health risks :



From August 1 to 10 2023, the trend of temperature is marked by:

- **high temperatures 35 °c in ADAMAOUA and Center regions.**
- **in South -west and west, lowest temperatures are recorded under 19 °c .**
- **health risks are cathar, méningitis and increase in the number of cases of malaria.**
- **populations are also exposed to dehydration specialy old persons and children);**
- **Risks of famine and malnutrition are also present .**

Source: ONACC Aôut 2023

OTHER EVENTS

FOOD SAFETY

Additive and conservator present in foods:
Formaldéide(formol), gamaline, benzoate sodium, saccharose, chemical colorant, pesticides





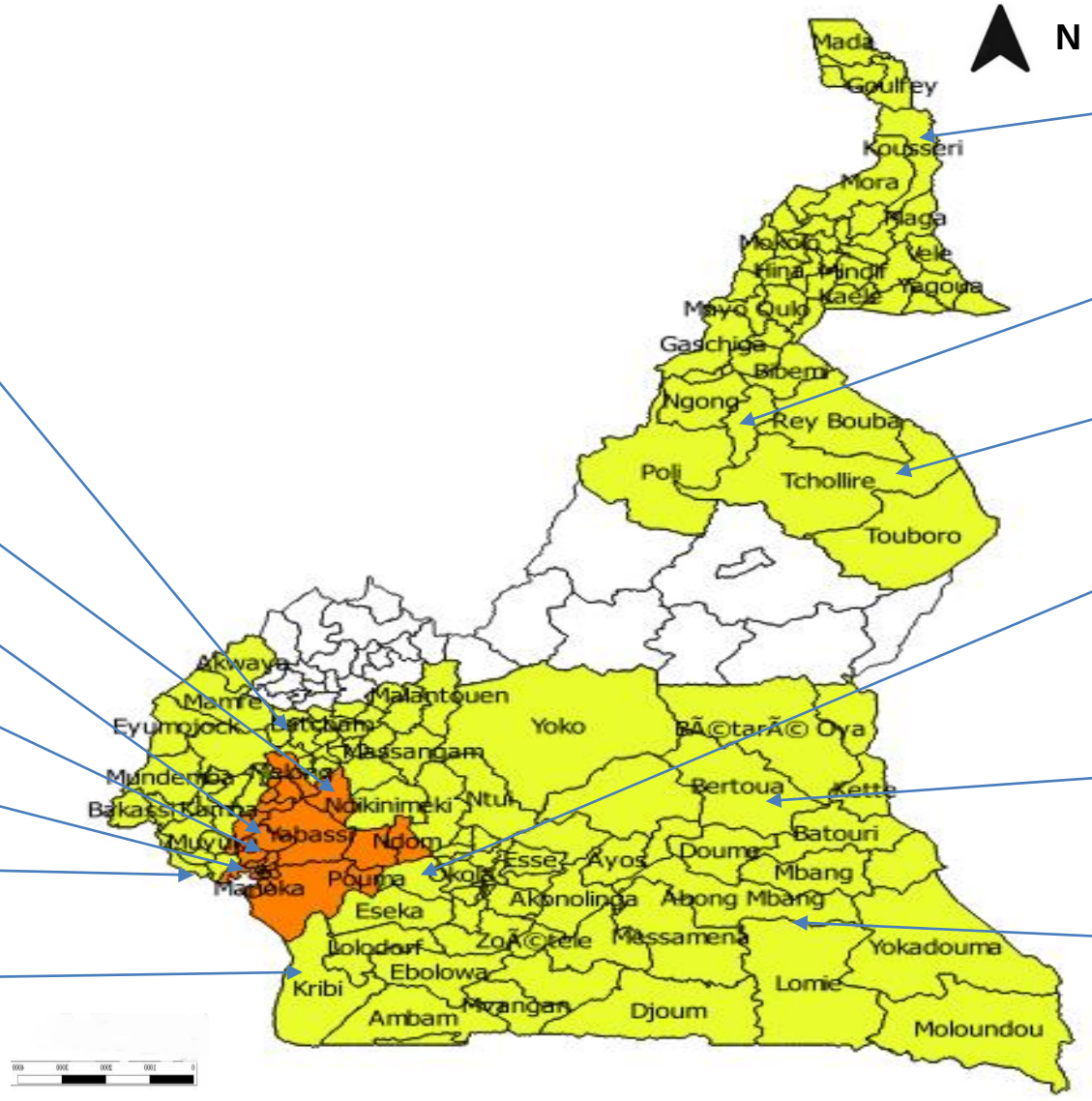
IS IT EASY TO DETECT PRESENCE OF FORMOL IN FOODS ?

It is not easy at all. But some, signs observed may tell you to care:

- when you see fish or meat in market without any fly around, take care !!!!! there should be formol inside that keep it far away;
- you will have red tomatoes with green seeds when you open it, they have add formol on it for a longer conservation
- Bananas and plantains will be yellow and very shiny, but it is white inside.
- For vegetables, you will find them with green leaves even when there is a lot of sun shine in the market at 12 noon

Source: MINSANTE.CM/DPS 06-08-2023

MAPPING OF ROAD TRAFIC ACCIDENTS AND ASSOCIATED WOUNDS AND DEATHS IN CAMEROON (July 24 to 30, 2023)



Kousseri: 01accident, 00wounded

Bafoussam: 01 accidents, 00 death

Garoua: 02accidents, 02woundeds, 02deaths

Tcholiré : 01accident, 01death

Nkonssamba: 03 accidents, 03wounded

Boumyebel: 02 accidents, 02 woundeds, 01 death

Bonaberi: 01 accidents, 00 wounded

Douala: 01accidents, 01wounded

Bertoua: 01accidents, 03 woundeds

Edea: 03 accidents, 01wounded

Buea: 01accidents, 01death

Abong mbang: 03accidents, 02woundeds

Kribi: 03accidents, 03 wounded

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

Source: line list, PMR/MINDEF, 24-30-07/2023

MEDIATIC WATCH

Webinar: Indigenous Peoples' leadership for integrated holistic approaches to health and well-being 9 August 2023



https://www.who.int/event

Every year on 9 August, the United Nations observes the International Day for the World's Indigenous Peoples. The theme for the International Day of the World's Indigenous Peoples 2023 will be 'Indigenous Youth as Agents of Change for Self-determination' with the sub-themes: Climate Action and the Green Transition; Mobilizing for Justice and Intergenerational Connections.

Indigenous Peoples represent over 6% of the worlds' population (476 million in around 90 countries). While noteworthy percentages of Indigenous Peoples live in urban areas, overall approximately 73% live in rural areas globally. Indigenous Peoples speak more than 4,000 of the world's 6,700 languages. They conserve 80 percent of the world's remaining biodiversity. To uphold the rights of Indigenous Peoples, ensure their equitable access to health services, promote intercultural care and traditional medicine practices, and enhance health equity and action on health determinants impacting Indigenous Peoples, it is important to promote their health leadership in the world.

International youth day 2023 Theme: Green Skills for Youth: Towards a Sustainable World



Green transition will result in creation of 8.4 million jobs for young people by 2030. Young people need to be well-equipped with green skills to navigate this changing environment.



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

Today, the world is embarking on a green transition. The shift towards an environmentally sustainable and climate-friendly world is critical not only for responding to the global climate crisis but also for achieving the Sustainable Development Goals (SDGs). A successful transition towards a greener world will depend on the development of green skills in the population. Green skills are “knowledge, abilities, values and attitudes needed to live in, develop and support a sustainable and resource-efficient society”.

These include technical knowledge and skills that enable the effective use of green technologies and processes in occupational settings, as well as transversal skills that draw on a range of knowledge, values and attitudes to facilitate environmentally sustainable decisions in work and in life. Due to their interdisciplinary nature, the essence of green skills is sometimes expressed, partly if not wholly, through other associated terms such as “skills for the future” and “skills for green jobs”. While green skills are relevant for people of all ages, they have heightened importance for younger people, who can contribute to the green transition for a longer period of time.

International Day of the Girl (IDG) October 11



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

In 2022, we commemorate the 10th anniversary of the International Day of the Girl (IDG). In these last 10 years, there has been increased attention on issues that matter to girls amongst governments, policymakers and the general public, and more opportunities for girls to have their voices heard on the global stage. Yet, investments in girls' rights remain limited and girls continue to confront a myriad of challenges to fulfilling their potential; made worse by concurrent crises of climate change, COVID-19 and humanitarian conflict. Girls around the world continue to face unprecedented challenges to their education, their physical and mental wellness, and the protections needed for a life without violence. COVID-19 has worsened existing burdens on girls around the world and worn away important gains made over the last decade.

With adversity, however, comes resourcefulness, creativity, tenacity, and resilience. The world's 600 million adolescent girls have shown time and time again that given the skills and the opportunities, they can be the changemakers driving progress in their communities, building back stronger for all, including women, boys and men. **Facts:** Up to 10 million girls will be at risk of child marriage. Almost half of primary schools in LDCs lack single-sex toilets. Girls are primarily victims of sexual exploitation

MEDIATIC WATCH

Titles	Extraction Date
➢ **Cameroon:** the enlarged immunization program have benefited from the Ministry of public health and partners, a lot of logistic material in order to reinforce it supervision chain. (Source: Albatros)	07-08-2023-
➢ **Cameroun**: Hypertension third days holded in Yaoundé under the instigation of the cameroonian cardiology society; topic " better care for hypertensive patients in order to reduce the incidence of heart attacks and strokes" Source: Cameroun tribune	07-08-2023
➢ **Kidney diseases in Cameroon** : the new hémodialyse center of the Garoua regional hospital has already receive 350 patients, showing that the prevalence of these pathologies is on the increase in the region Source : echo santé	08-08-2023
➢ **Yaoundé central hospital** : a revue of the year 2021 reveals that the CFR of patients admitted in this medical institution is decreasing. From 12% in 2012, it was estimated at 6.9% in 2021; among the 170000 patients admitted in this hospital, only 2201 die. Source : echo matin	09-08-2023
➢ **Importation of drugs in Cameroon** : the Minister of public health calls on all the operators to stop frauds and other malpractices Source : echo santé	10-08-2023

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From surveillance to health wacth :

“Information for action”