



IDSR Weekly Epidemiology and Surveillance Bulletin
4th December – 10th December 2023, Epi-week 49, 2023

Introduction:

We are pleased to share our weekly epidemiological bulletin. This bulletin serves to inform all stakeholders at district, regional, national and international levels on disease trends, public health surveillance and interventions undertaken in detecting, preventing and responding to public health threats in The Gambia on a weekly basis.

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National Responses, Highlights, and Weekly IDSR Summary

National Responses

1. The national response to COVID-19 is continuing at a routine service level; see the latest COVID-19 SitRep available for additional details
2. The last AKI case was recorded on the 29th of June 2023, response and other AKI related activities are ongoing at a de-escalated level with heightened surveillance across the country for early detection and response. Please refer to the latest AKI SitRep for additional information

Highlights



Figure 1: Cases reported into the national DHIS2, Week 49, 2023

- In Epiweek-49, 63 cases of diarrhea with blood, 13 schistosomiasis, 1 Acute Flaccid paralysis, 13 Dog Bite, 4 suspected measles cases, 2 suspected meningitis cases and 1 suspected yellow fever case were reported into the national DHIS2 platform
- The suspected yellow fever is reported from Central River region, for the suspected measles cases, 1 case is from Central River Region and the three cases are from Western one Health Region. The two suspected meningitis cases are as well from Western one Health Region
- National timeliness and completeness were both **99%** because districts in CRR failed to report for the week.

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Reporting Coverage and Performance Ranking

Timeliness and completeness

Table1.DistrictWeeklyIDSRReportingCoverage, The Gambia, Epi - week49, 2023

Regions	Number of reports expected	Number of complete reports received	Number of reports received on time	Timeliness (%)	Completeness (%)
Central River	11	10	10	90.9	90.9
Lower River	6	6	6	100	100
North Bank East	4	4	4	100	100
North Bank West	3	3	3	100	100
Upper River	7	7	7	100	100
Western 1	3	3	3	100	100
Western 2	8	8	8	100	100
The Gambia	42	41	41	98.7	98.7

Legend	≥ 80% on time and complete	50% - 79% on time and complete	<50% on time and complete
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- Timeliness and completeness of District Reporting from all the districts were perfect for all the regions except Central River Region for two consecutive weeks
- The national timeliness and completeness were both **98.7%**

Priority Diseases, Conditions and Events

Diarrhea with Blood (DWB)

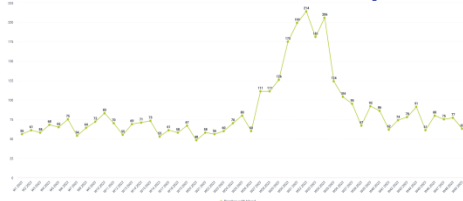


Figure2: Reported cases of DWB, The Gambia, Epi-week 1- 49, 2023

- 63 cases were reported in Epi-week 49
- Of the 63 cases, 14.2% (9/63), 25.4% (16/63), 20.6% (13/63) were reported from CRR, URR and NBE respectively
- There number of cases remains relatively low compared to when the rains were heavy

Dog bite



Figure3: Reported snake bite cases, The Gambia, Epi-week 1-49, 2023

- 13 cases of dog bite were reported in epi-week 49
- Of the 13 cases 46.1% (6/13), 23.1% (3/13), 15.4% (2/13) were reported from CRR, URR and WR1 respectively

Acute flaccid paralysis

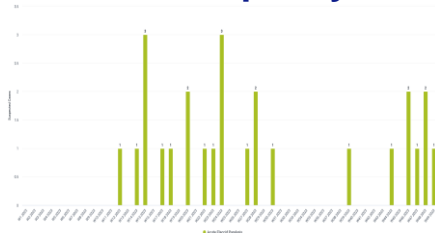


Figure4: AFP cases reported, The Gambia, Epi-week 1- 49, 2023

- A total of 18 AFP cases have been recorded in the DHIS2 since Epi week 1
- All of the test results received so far are negative for both the wild polio virus and the Circulating vaccine-derived polioviruses (cVDPV)
- One suspected AFP case was reported from WR2

Schistosomiasis



Figure5: Reported cases of schistosomiasis, The Gambia, Epi-week 1-49, 2023

- 13 cases were reported in epi week 49 and 92.3% (12/13) of them were reported from CRR

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VPD Surveillance

Acute Flaccid Paralysis (AFP)

Table 2: National and Regional Annualized Non-Polio AFP Rate as per EPI VPD surveillance database, The Gambia, Epi-week 1- 49, 2023

REGION	Under 15 Population	No of cases expected	Total AFP Cases Wk.1- Wk. 49	Stool Adequacy	Annualized Non-Polio AFP Rate
Western Region 1	452970	9	9	100	2.11
Central River Region	117164	3	5	75	4.53
North Bank East Region	59461	2	2	100	3.64
Upper River Region	130995	3	5	100	4.05
Lower River Region	39007	1	1	100	2.72
North Bank West Region	59721	2	3	100	5.33
Western Region 2	259814	5	7	100	2.86
National	1119132	25	32	96.4	3.03

- A total of 32 cases of AFP have been reported from epi-week 1 to 49 as per the EPI VPD surveillance data base
- All the 31 test results received are discarded case
- All regions have so far achieved 100% score for stool adequacy expect for CRR. All the regions met the non-polio AFP rate target of $\geq 2/100,000$ population of children under 15years so far

Measles

Table 3: National and Regional Annualized Non-Measles Febrile Rash Rate as per EPI VPD surveillance database, The Gambia, Epi-week 1- 49, 2023

Reporting Region	Total Population	Epi-linked	Clinically confirmed	Indeterminate (Equivocal)	Discarded (Negative)	Pending	Lab confirmed	Total	Annualized Non-Measles Febrile Rash
CRR	274,260	0	0	0	22	1	10	32	8.51
LRR	91,309	0	0	0	6	0	0	6	6.97
NBE	139,188	0	0	0	97	0	14	111	73.96
NBW	139,796	0	0	0	6	0	1	7	4.55
URR	306,637	0	0	0	16	0	3	19	5.54
WR1	1,060,321	0	0	0	33	0	9	42	3.30
WR2	608,179	0	0	0	11	0	2	13	1.92
National	2,619,690	0	0	0	187	1	39	227	7.58

- A total of 227 suspected cases have been recorded in the EPI VPD surveillance database of which 17.1% (39/227) are lab confirmed

Table 4: Summary of national measles data as per the NPHL surveillance database, The Gambia, Epi-week 1- 49, 2023

	Epi-week 49	Epi-week 1 - 49
Igm positive	4	35
Igm negative (discarded)	8	185
Pending	0	0
Indeterminate	0	2
Total	12	222

- A total of 12 suspected cases have been recorded in the NPHL surveillance database for Epi-week 49
- 33.33% (4/12) were Igm positive
- 222 suspected cases were reported from Epi-week 1 – 49 and 15.76% (35/222) are Igm positive

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Sentinel Surveillance on SARI/COVID-19 and Arboviruses

Table 6: Sentinel Surveillance on SARI/COVID-19 and Arboviruses, Brikama District Hospital and Bansang General Hospital, Epi Week 49, 2023

	Total Consultations	Febrile Consultations	Malaria RDT	Positive Malaria	Suspected SARI/COVID-19	Suspected Arboviruses
Bansang General Hospital	481	4	4	4	0	0
Brikama District Hospital	563	41	44	15	22	4
Total	1044	45	48	19	22	4

- 6 - COVID-19 Update

Table 7: Total number of COVID-19 test conducted by region and test outcome in epi-week 49, The Gambia, 2023

REGION	NEGATIVE	POSITIVE	TOTAL TEST CONDUCTED
CRR	0	0	0
LRR	0	0	0
NBE	0	0	0
NBW	0	0	0
URR	0	0	0
WR 1	6	0	6
WR 2	0	0	0
TOTAL	6	0	6

- The number of tests remains low throughout the country
- Six tests were conducted across the country all of which came from WR1. All of the tests conducted turn out negative

Synopsis of the COVID-19 Vaccination

Table 8: Number of COVID-19 vaccine doses administered by region as of 19th December, 2023

REGION	MALE	FEMALE	TOTAL
CRR	43,235	71,128	114,363
LRR	28,760	44,599	73,359
NBER	22,091	35,057	57,148
NBWR	25,905	40,272	66,177
URR	53,939	69,812	123,751
WR1	143,101	154,879	297,980
WR2	76,434	99,339	175,773
TOTAL	393,465	515,086	908,551

- The types of vaccines administered across the country include AstraZeneca, Johnson and Johnson, Pfizer and Sinopharm
- Johnson and Johnson is the highest number of vaccine doses administered so far in the country with 442,853 doses administered so far accounting for 48.74% of all doses administered followed by the Pfizer COVID-19 vaccine of which 386,852 doses have been administered so far
- The highest number of doses is been administered in WR1 region so far but this does not translate to vaccination coverage in the region

Table 9: Percentage of population who received at least 1 dose of COVID-19 Vaccine by region as of 19th December, 2023

REGION	PERCENTAGE OF POPULATION
CRR	34.0
LRR	49.8
NBE	33.2
NBW	37.6
URR	37.0
WR1	23.0
WR2	23.7
NATIONAL	28.4

- Lower River Region recorded the highest vaccination coverage so far while WR1 recorded the lowest
- The national coverage stands at 28.3. This is way below the 70% national target

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Reported cases (suspected/confirmed) and events by region as per DHIS2, Epi-week 49, 2023

Data Name	Central River	Lower River	North Bank East	North Bank West	Upper River	Western 1	Western 2	TOTAL
Acute Flaccid Paralysis	0	0	0	0	0	0	1	1
Animal Bite	0	0	0	0	0	0	0	0
Anthrax	0	0	0	0	0	0	0	0
Cholera	0	0	0	0	0	0	0	0
COVID-19	0	0	0	0	0	0	0	0
Diarrhea with blood	9	2	13	7	16	8	8	63
Dog Bite	6	0	0	1	3	2	1	13
Human Rabies	0	0	0	0	0	0	0	0
Leprosy	0	0	0	0	0	0	0	0
Lymphatic Filariasis	0	0	0	0	0	0	0	0
Maternal Death	0	0	0	0	0	0	0	0
Measles	1	0	0	0	0	3	0	4
Meningitis	0	0	0	0	0	2	0	2
Neonatal Tetanus	0	0	0	0	0	0	0	0
Schistosomiasis	12	0	0	0	1	0	0	13
Shigellosis	0	0	0	0	0	0	0	0
Snake bite	0	0	0	0	0	0	0	0
Suspected VHF (incl. EVD)	0	0	0	0	0	0	0	0
Trachoma	0	0	0	0	0	0	0	0
Unexplained Cluster Health Events	0	0	0	0	0	0	0	0
Unexplained Cluster of Deaths	0	0	0	0	0	0	0	0
Yellow Fever	1	0	0	0	0	0	0	1

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Recommendations and public health measures

- The AKI IMS should mobilized resources to conduct and after action review for the AKI outbreak and declare the outbreak over
- The Epidemiology and Disease Control program should engage all the stakeholders in COVID-19 response to conduct and after action review for the outbreak and declare it outbreak over
- Healthcare workers in CRR should include prevention and control messages of schistosomiasis in their school health programs in order to reduce the incidence of schistosomiasis in the regions
- All regions are encouraged to share this bulletin with all staff under their purview using the different social media platforms at their disposal
- The different surveillance data receiving institutions within the Ministry of Health should work together and put in place mechanisms to correct data discrepancies
- The Epidemiology and Disease control program should engage all potential stakeholders to expedite the IDSR step down training for health care workers across the country

- 10 - Partners



