



GOVERNMENT OF SIERRA LEONE
MINISTRY OF HEALTH AND SANITATION
DIRECTORATE OF HEALTH SECURITY AND EMERGENCIES

WEEK 52

WEEKLY NATIONAL EPIDEMIOLOGICAL BULLETIN

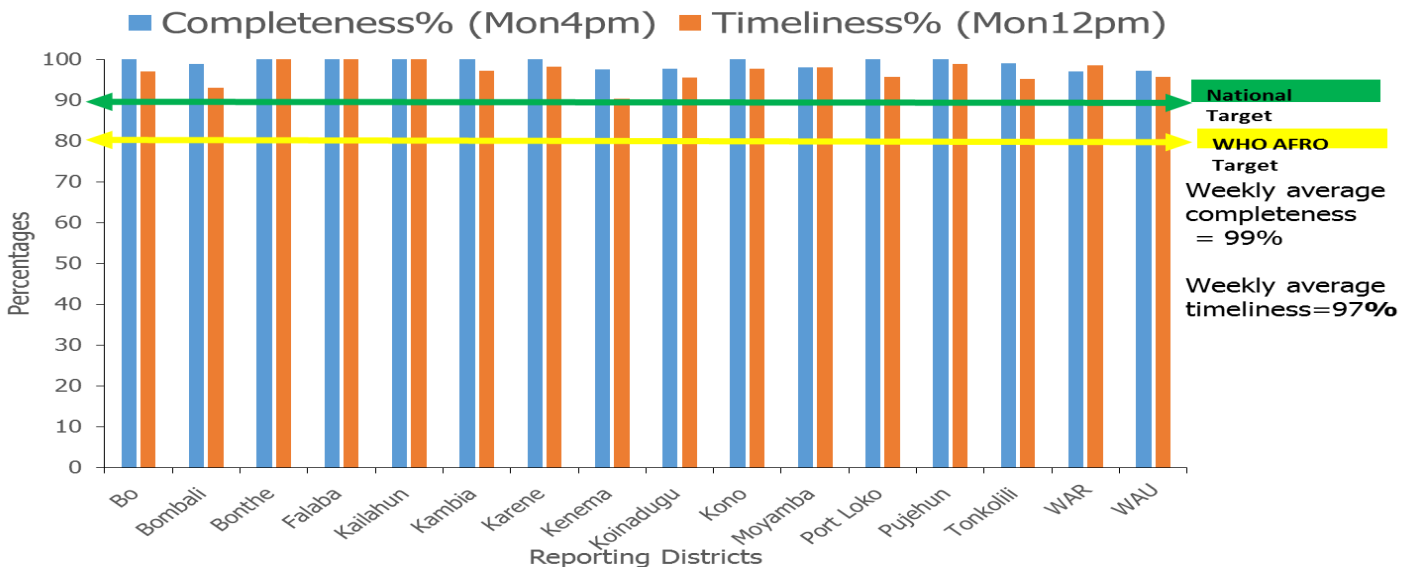
Disease specific report

Week 52, 21st to 27th Dec. 2020

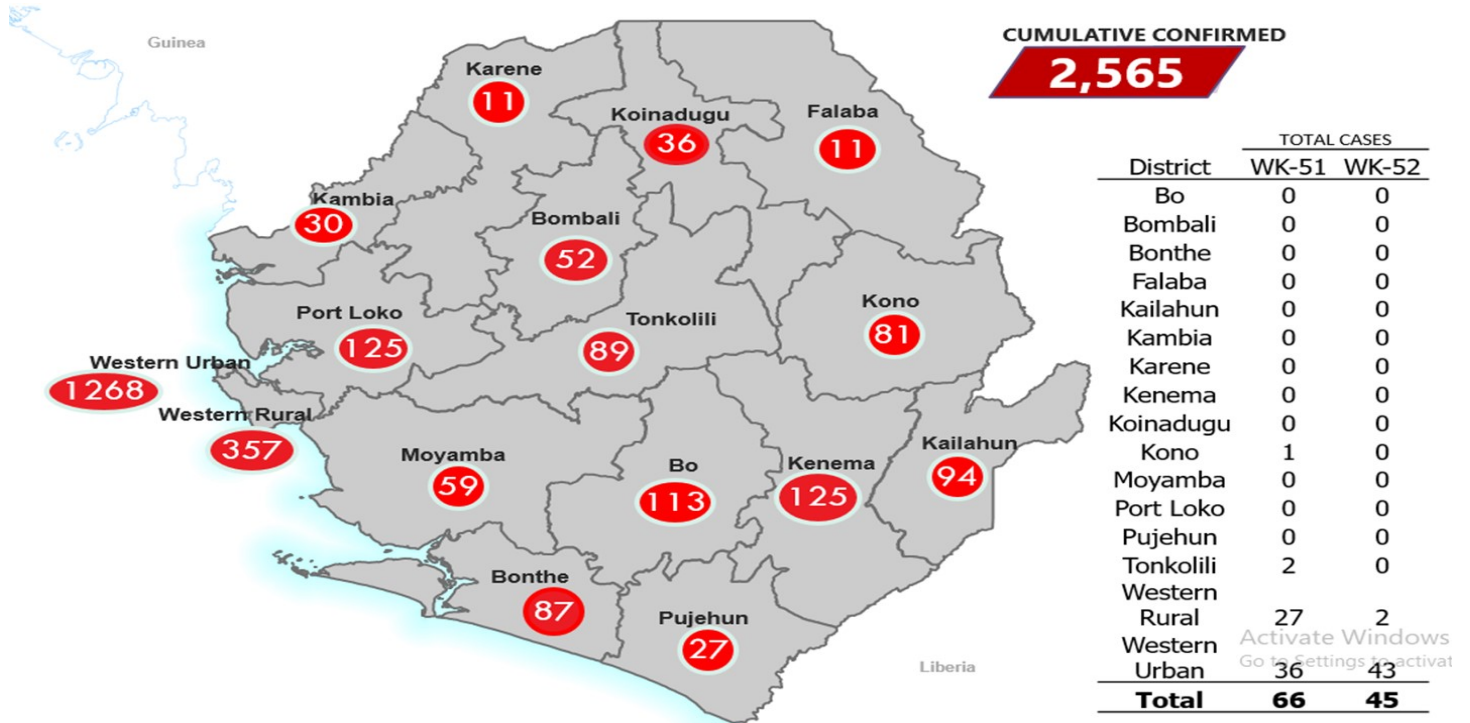
KEY HIGHLIGHTS FOR COVID-19 FOR THE WEEK

- **Acute Flaccid Paralysis:** Two (2) cases of acute flaccid paralysis were reported this week. The cases were under five (2) children reported from Western Area Urban and Kenema(1) each per district. The district RRTs investigated the cases, samples were collected and sent to the CPHRL.
- **Animal bite:** In total, 25 animal bite cases were reported from eight districts. Of the total cases, 3 were under fives and 22 above fives. The highest number of cases were reported from Bombali (7), Kono (6), Bonthe and Pujehun districts (3)each per districts.
- **Maternal death:** Five (5) maternal deaths were reported countrywide from 4 districts, a decrease from 6 that was reported the previous week. Kenema (2), whiles Bo, Tonkolili and Western Area Urban reported (1) each per district.
- **Yellow Fever:** Two (2) suspected yellow fever cases were reported this week from Bonthe and Pujehun district. The cases, above five years were investigated by the district RRTs. Samples were collected and sent to CPHRL for confirmation
- **Confirmed cases:** Forty-five confirmed cases of COVID -19 were reported this week, of which, twenty-four were males and twenty-one were females
- **COVID-19 Death:** Zero death of COVID-19 was reported this week.
- **COVID-19 Recovery:** A total of seventeen (17) recoveries were reported for the week . Western Area Urban (11) and Western Area Rural (6)districts
- **COVID-19 Quarantine:** Cumulative quarantine nationwide for the week were (280) all of which were self quarantine
- **Quarantine discharge:** Zero contact was discharged from quarantine this week.

Health Facility Completeness and Timeliness of Weekly report by district Week 52, 2020

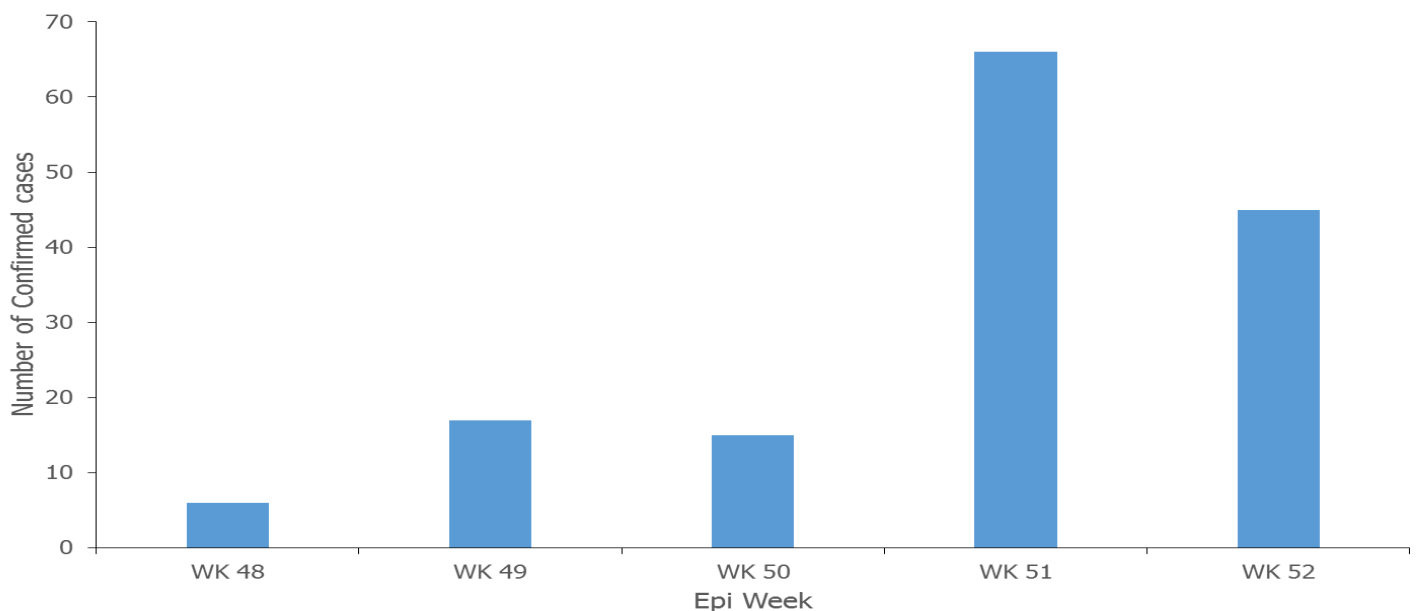


COVID-19 cumulative confirmed cases by district Weeks 1 to 52, 2021



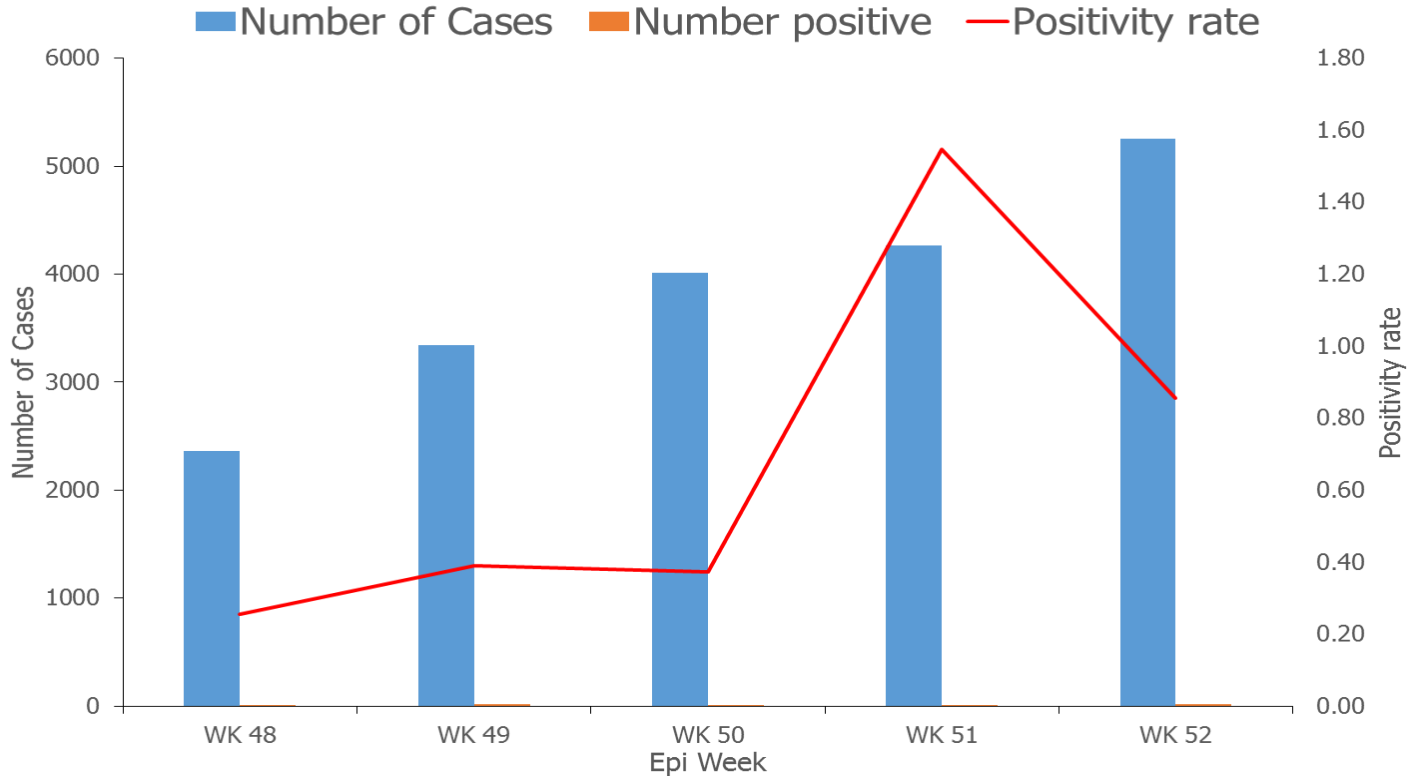
For the period of week 52, a total of 45 confirmed COVID-19 cases were reported countrywide, a decrease from 66 the previous week. Western Area Urban continues to top the chart with 1,268 (49.3%) of the total cases, followed by Western Area Rural 357 (13.9%), while Kenema and Port Loko 125 (4.8%). Each.

COVID-19 Laboratory confirmed cases by Week of diagnosis, Week 48 - 52, 2020 Sierra Leone

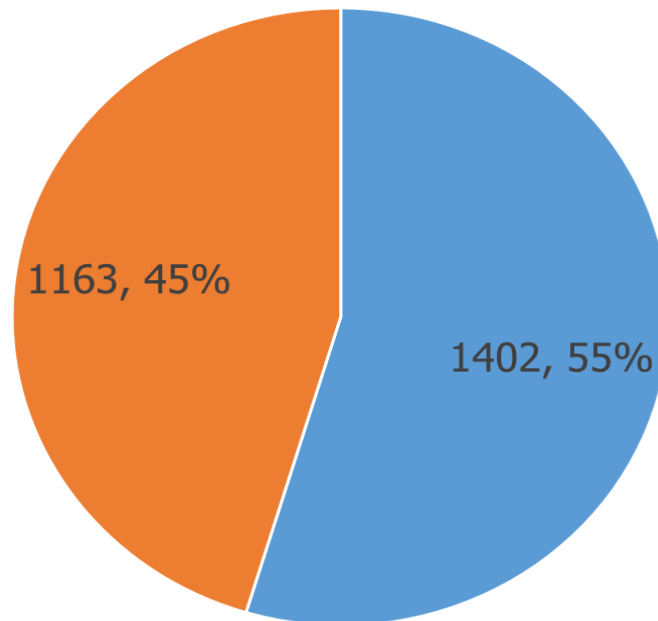


Over the period of week 48 to 52 there has been an up and down trend in the number of laboratory confirmed cases as seen in the graph with week 51 having the highest followed by week 52 and week 48 having the least.

Positivity rate of COVID-19 Week 48 - 52, 2020

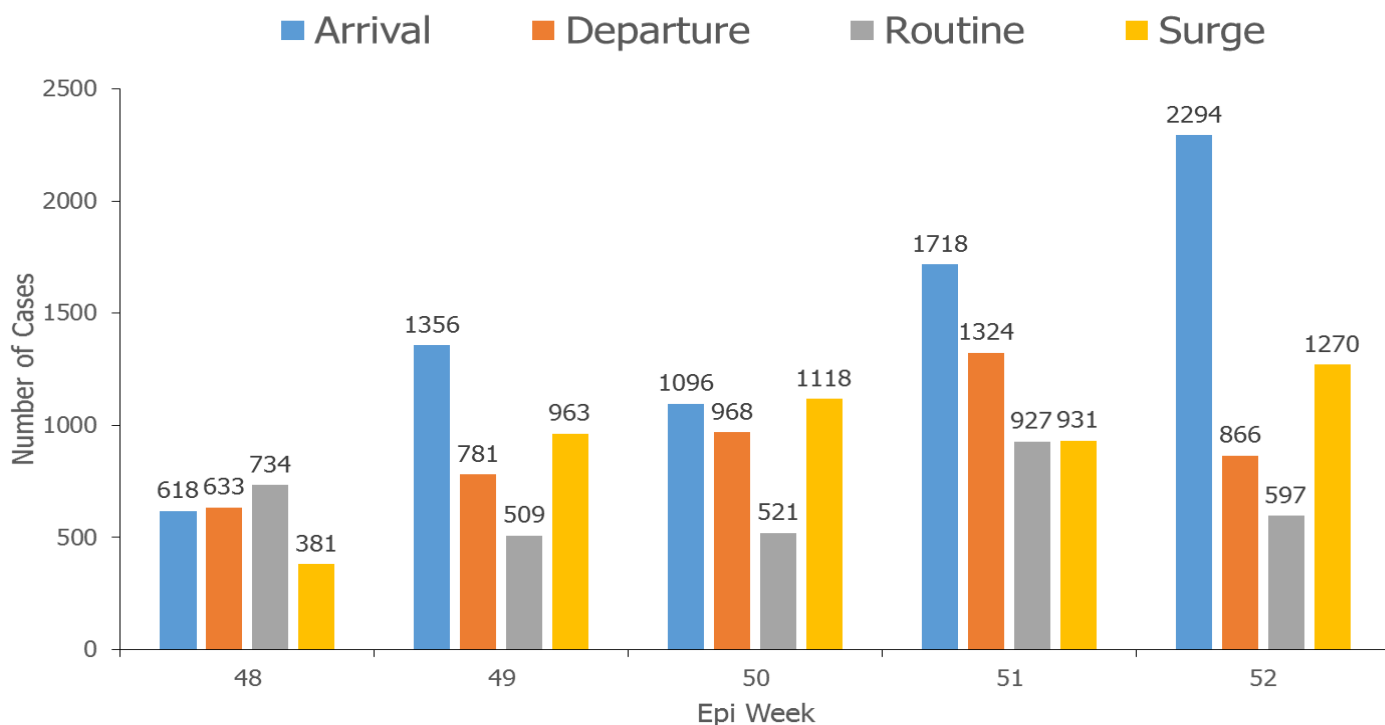


COVID-19 Laboratory confirmed cases by sex Week 1 to 52, 2020, Sierra Leone



■ Male ■ Female

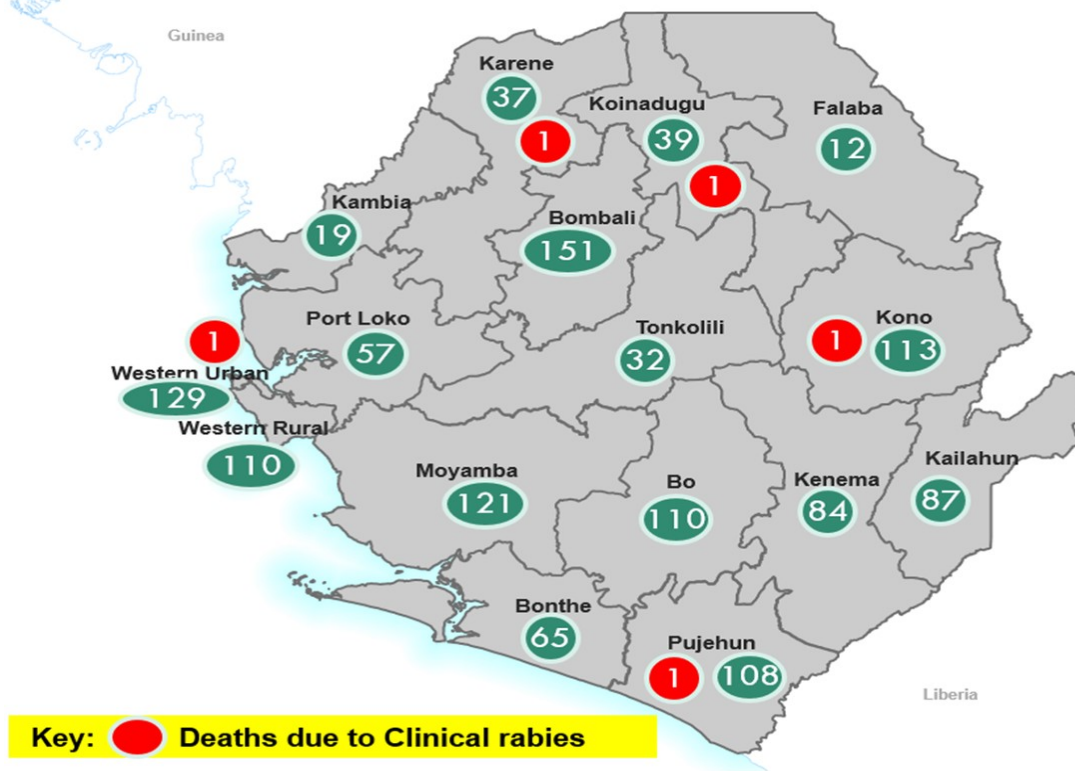
Suspected COVID-19 cases by category, Compared Week 48 – 52 2020, Sierra Leone



QUARANTINE SUMMARY

	No. quarantined	Discharged
Cumulative Total	12695	12415
Nationwide (Current)	280	0
Govt quarantine	0	0
Org. quarantine	0	0
Self quarantine	280	0

Cumulative Animal Bite (dogs, Cats & Snakes) Cases reported by districts (Week 1 - 52, 2020)

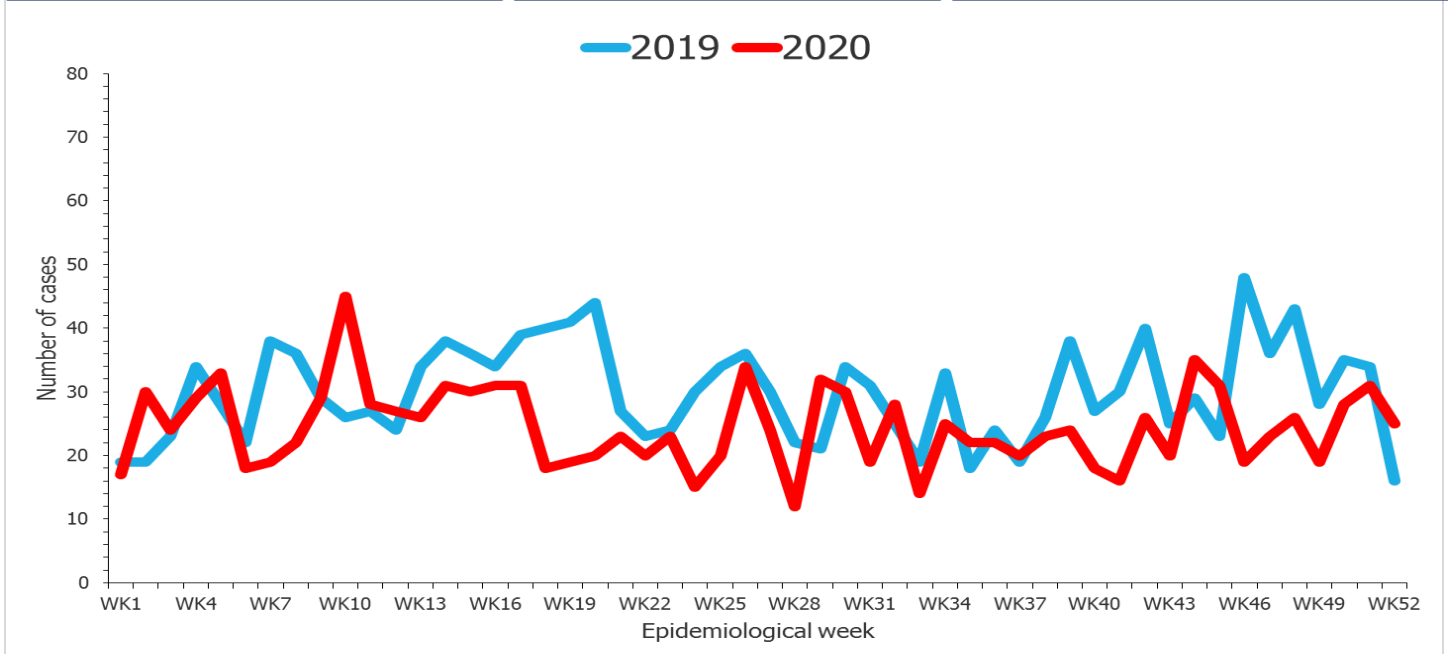


NATIONAL CUMULATIVE ANIMAL BITES - DOG
1,274

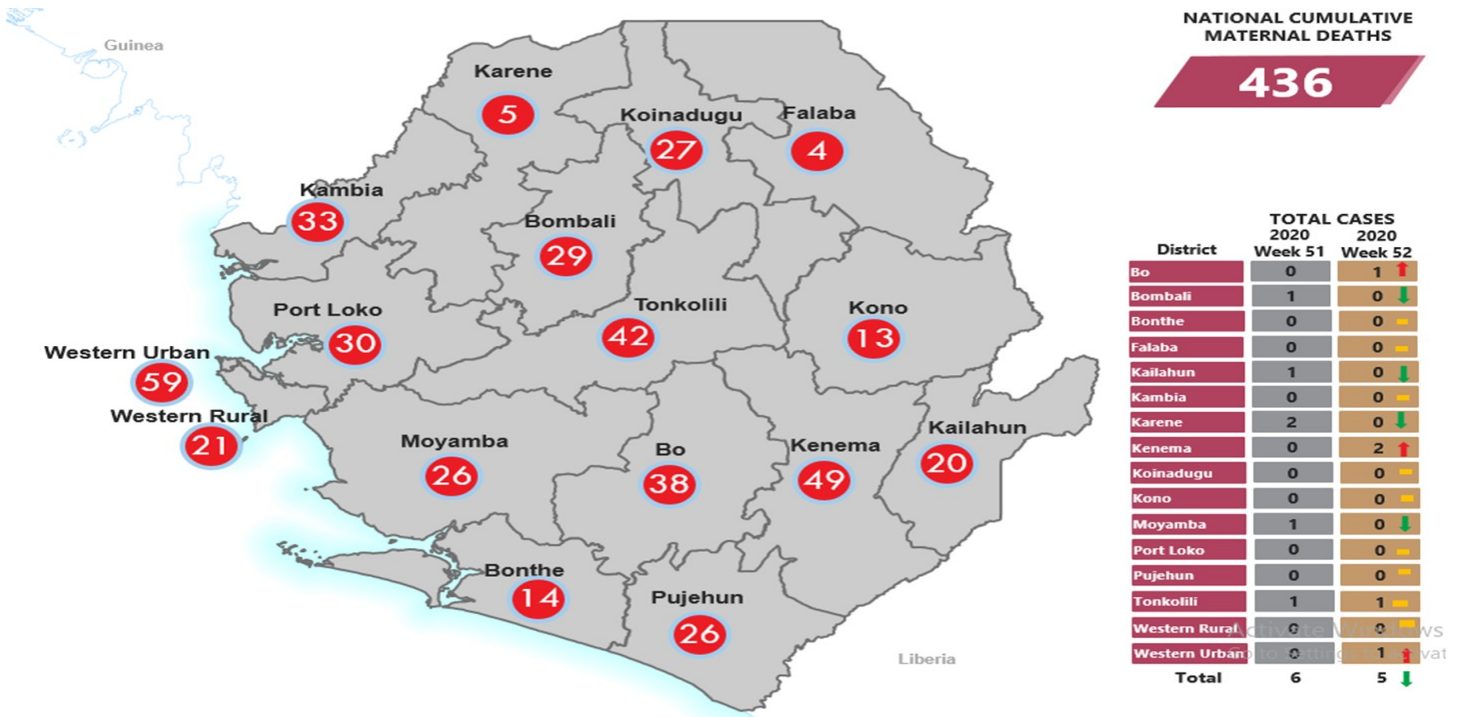
District	TOTAL CASES 2020	
	Week 51	Week 52
Bo	1	1
Bombali	5	7
Bonthe	1	3
Falaba	0	0
Kailahun	10	2
Kambia	0	0
Karene	0	2
Kenema	4	0
Koinadugu	0	0
Kono	1	6
Moyamba	2	0
Port Loko	0	0
Pujehun	2	3
Tonkolili	1	0
Western Rural	4	0
Western Urban	0	1
Total	31	25

A total of 25 Animal bite cases were reported in week 52 making a cumulative total of 1,274 from week 1 to 52. A total of 5 death related to dog bite (clinical rabies) have also been reported since the start of the year from Karene (1), Koinadugu (1), Kono (1), and Pujehun (1) and Western Area Urban (1) each districts. Bombali accounting for the highest 151 (11.9%), closely followed by Western Area Urban 129 (10.1%) of the total cases

Compared Animal Bite (dogs & Cats) Cases reported by districts Week 1 - 52 (2019 & 2020)

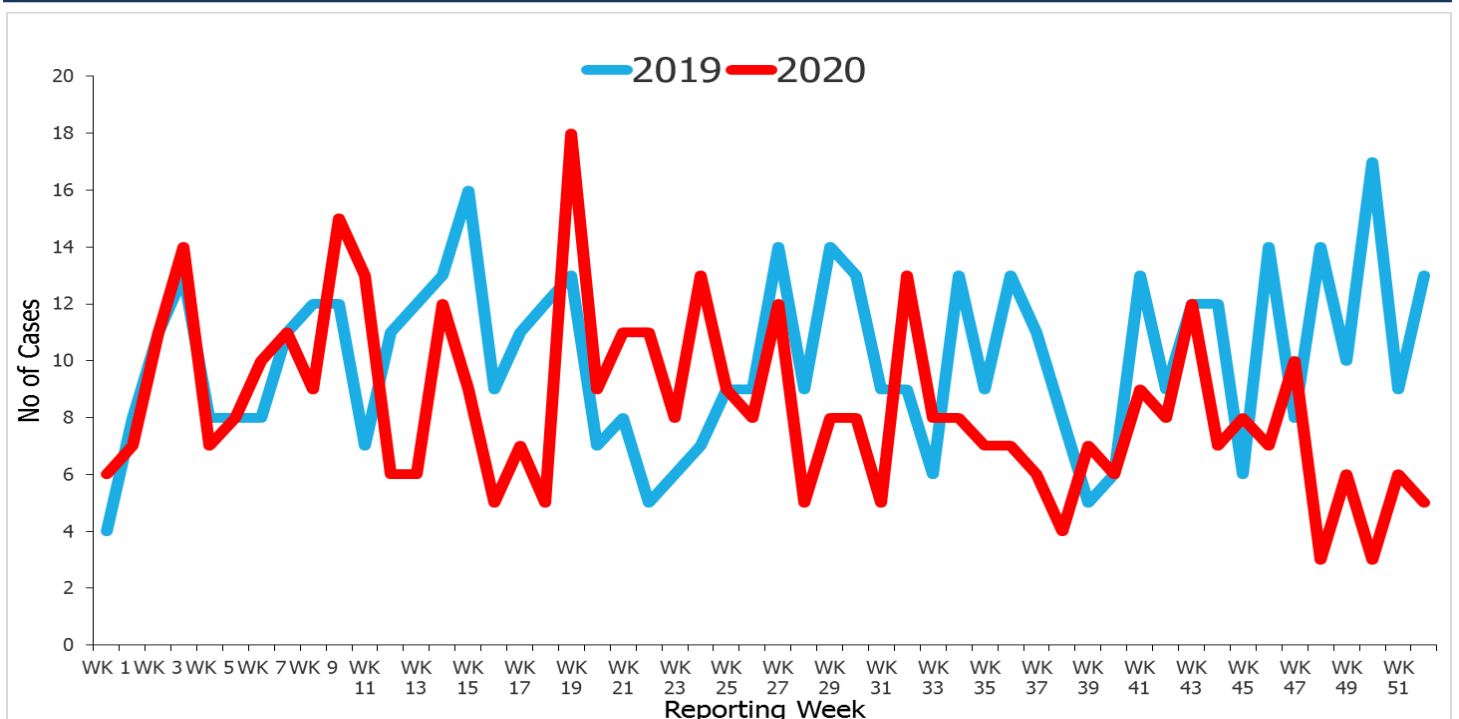


Cumulative Maternal Deaths Reported by Districts (Week 1 - 52, 2020)

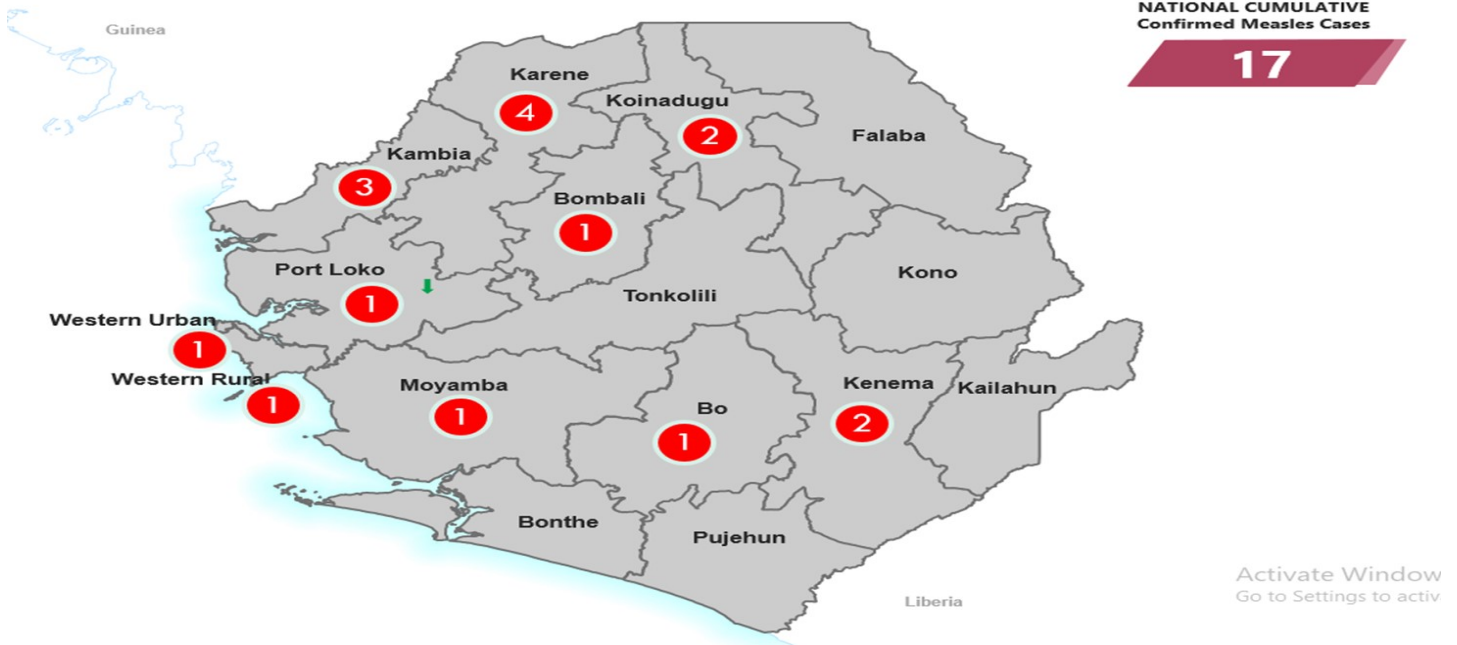


A total of 5 maternal deaths were reported this week, a decrease from 6 in the previous week. The cumulative maternal deaths from the start of the year is 436 with Western Area Urban (59) reporting the highest followed by Kenema (49), Tonkolili (42), and Bo (38) districts.

Compared Maternal Deaths Reported by districts Week 1 - 52, (2019 & 2020)



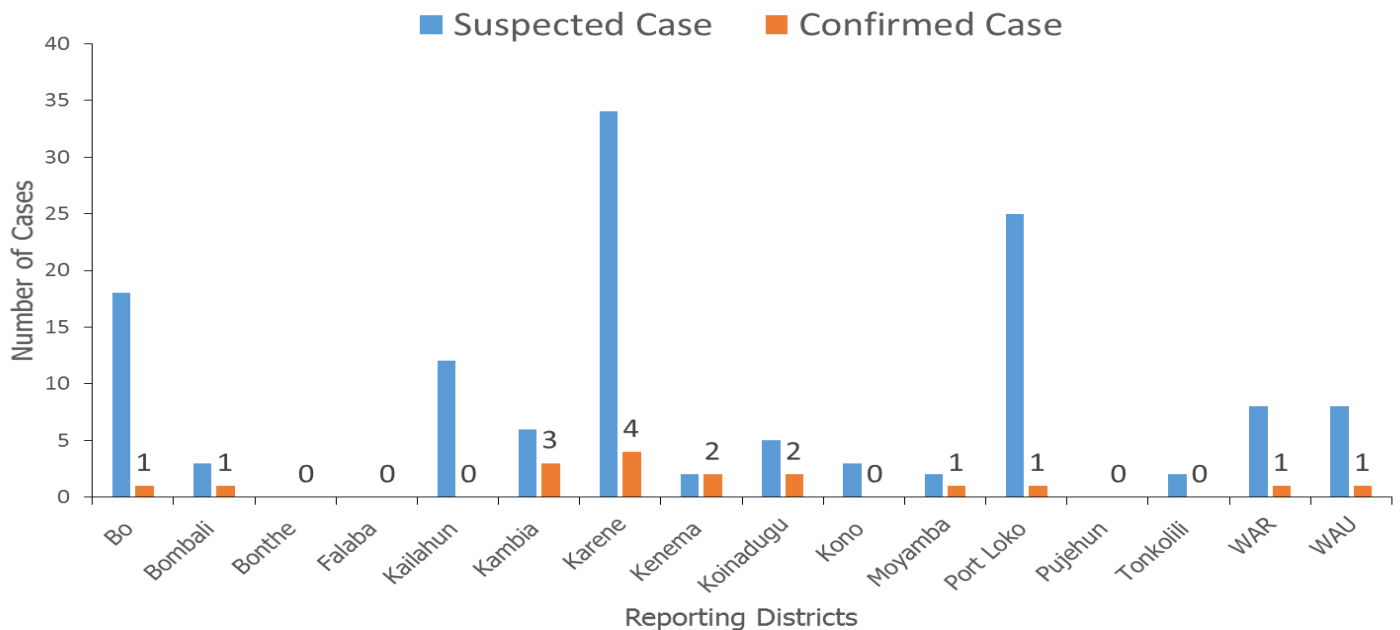
Confirmed Measles Cases reported by districts in Sierra Leone, Week 1 - 52, 2020



*** Note: The confirmed cases in Kambia & Karene does not constitute an outbreak because they were not reported within 1 month**

From week 1 to week 52 of this year, a total of 17 confirmed measles cases have been reported from 10 districts. Karene accounting for the highest number of cases 4 (23.5%) followed by Kambia 3 (17.6%). No confirmed case was reported for week 52

Confirmed Measles Cases reported by districts in Sierra Leone, Week 1 - 52, 2020



AFP Surveillance Core Indicators by districts, (Week 1 - 52, 2020)

Districts	< 15yrs Target Population	Expected Cases	Reported Cases	Confirmed Polio	Annualized non-polio AFP rate by week	Stool adequacy (%)	Vaccination Status of cases investigated-Doses ≥3 (%)
Bo	278912	6	6		2.2	100	75
Bombali	230310	5	3		1.3	100	100
Falaba	112711	3	2		1.8	100	100
Bonthe	95308	2	2		2.1	100	50
Kailahun	260466	5	5		2.0	100	100
Kambia	166960	3	4	1(PV2)	2.4	100	66.7
Karene	139264	3	3		2.2	100	66.7
Kenema	291085	6	5		1.7	100	100
Koinadugu	123415	3	3		2.4	100	100
Kono	241538	5	16		6.6	100	100
Moyamba	154407	3	3		2.0	100	100
Port Loko	275433	6	2		0.7	100	100
Pujehun	167915	3	4		2.4	100	100
Tonkolili	256826	5	4	1(PV2)	1.6	100	100
W/A Rural	213949	4	9	1(PV2)	4.2	100	100
W/A Urban	509270	10	12		2.4	100	63.6
National	3,517,769	72	83	3(PV3)	2.4	100	87.5