



ZAMBIA COVID-19 SITUATION REPORT NO. 368 – EPI WEEK 23

Disease Pandemic: COVID-19

Response start date: 30th January, 2020

Outbreak Declared: 18th March, 2020

Report date: Sunday 12th June, 2022

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1. SITUATION UPDATE (6th-12th June) Cases 934 Deaths 0 Admissions 15 Recoveries 712

1.1 CURRENT NUMBERS (as of 09:00 hours CAT)

- **Epi-week review:** 934 confirmed cases, 0 deaths, and 712 recoveries reported (compared to 732 confirmed cases, 3 deaths, and 459 recoveries recorded the previous week); this marks a **28% increase in new cases**.
- **Last 4 weeks (14-day period comparison):** there were 1,666 new cases and 3 deaths reported in the last two weeks, compared to 990 new cases and 3 deaths reported in the preceding 2 weeks.
- **Total new admissions:** 15 in the past week (compared to 21 the week before)
- **Cumulatively, 323,283 cases** with 3,989 deaths (CFR=1.2%) and 318,247 recoveries (98% recovered). Of the total deaths, 2,856 have been classified as COVID-19 deaths (CFR_{C19}=0.9%) and 1,133 as associated deaths.
- **Currently:** there are **1,047 active cases**: of these, 1,031 (98%) are under community management while 16 (2%) are hospitalised, with 12 (75%) on Oxygen therapy and two in critical condition; 4 of the admitted are vaccinated

Global Numbers (Source: Worldometre)

540,470,607 Confirmed
6,331,332 Deaths (1.2% CFR)
515,598,736 Recoveries

Southern Africa Numbers (Source: Africa CDC)

11,671,382 Confirmed
253,469 Deaths (2.2% CFR)
11,036,962 Recoveries

2. EPIDEMIOLOGICAL HIGHLIGHTS

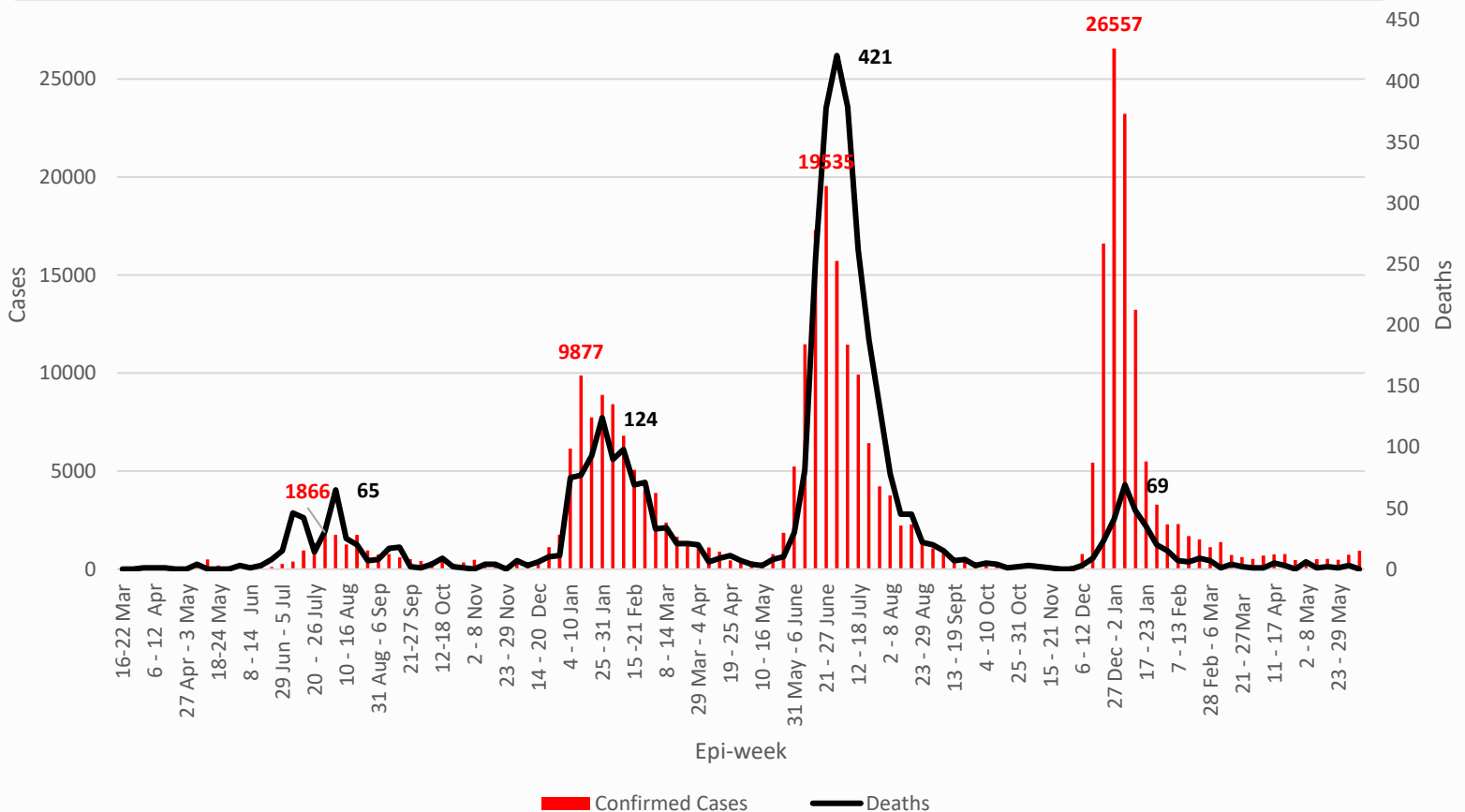


Figure 1: Epicurve of COVID-19 confirmed cases and deaths by week, as of end of epi-week 23, 2022 (6-11 June, 2022)

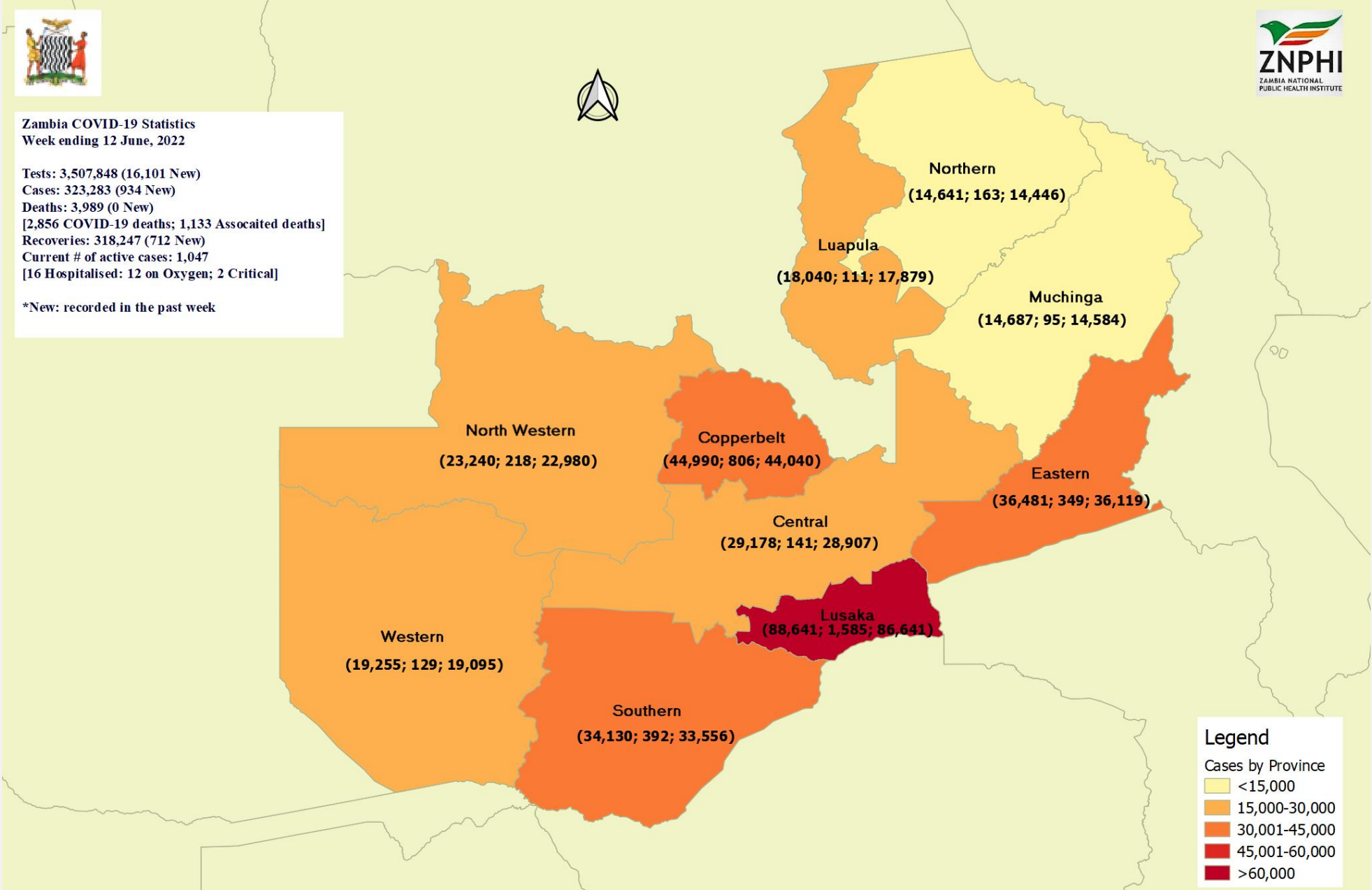


Figure 2: Map showing cumulative confirmed COVID-19 cases, deaths and recoveries (in brackets) by province, as of 12 June 2022



ZAMBIA COVID-19 WEEKLY STATISTICS

6 - 12 June, 2022

934 New cases reported from 63/116 districts; 53 districts did not record any new cases)

CENTRAL (128): Kabwe 80, Chibombo 16, Kapiri Mposhi 11, Mkushi 11, Mumbwa 4, Serenje 4, Shibuyunji 2, Chisamba 0, Chitambo 0, Luano 0, Ngabwe 0

COPPERBELT (93): Lufwanyama 33, Chililabombwe 31, Chingola 27, Kalulushi 19, Mufulira 4, Kitwe 3, Masaiti 3, Ndola 3, Luanshya 1, Mpongwe 0

EASTERN (12): Chipata 9, Sinda 3, Chadiza 0, Chama 0, Chasefu 0, Chipangali 0, Kasenengwa 0, Katete 0, Lumezi 0, Lundazi 0, Lusangazi 0, Mambwe 0, Nyimba 0, Petauke 0, Vubwi 0,

LUAPULA (44): Chifunabuli 11, Mansa 10, Chipili 9, Chiengi 5, Samfya 4, Chembe 2, Nchelenge 2, Mwense 1, Kawambwa 0, Lunga 0, Milenge 0, Mwansabombwe 0,

LUSAKA (393): Lusaka 341, Chilanga 31, Chongwe 11, Kafue 7, Rufunsa 3, Luangwa 0,

MUCHINGA (6): Mpika 5, Nakonde 1, Chinsali 0, Isoka 0, Kanchibiya 0, Lavushimanda 0, Mafinga 0, Shiwangandu 0,

NORTHERN (21): Chilubi 7, Kasama 5, Mungwi 4, Mbala 3, Mporokoso 2, Kaputa 0, Lunte 0, Lupososhi 0, Luwingu 0, Mpulungu 0, Nsama 0, Senga Hill 0,

NORTH-WESTERN (36): Solwezi 21, Kalumbila 13, Kasempa 2, Chavuma 0, Ikelenge 0, Kabompo 0, Manyinga 0, Mufumbwe 0, Mushindano 0, Mwinilunga 0, Zambezi 0

SOUTHERN (146): Monze 68, Mazabuka 17, Namwala 13, Choma 9, Zimba 9, Gwembe 7, Kalomo 7, Pemba 4, Sinazongwe 4, Chikankata 2, Itezhi tezhi 2, Kazungula 2, Livingstone 2, Chirundu 0, Siavonga 0,

WESTERN (24): Nkeyema 5, Sioma 4, Kalabo 3, Mongu 3, Luampa 2, Mulobezi 2, Mwandwi 2, Sesheke 2, Sikongo 1, Kaoma 0, Limulunga 0, Lukulu 0, Mitete 0, Nalolo 0, Senanga 0, Shangombo 0,

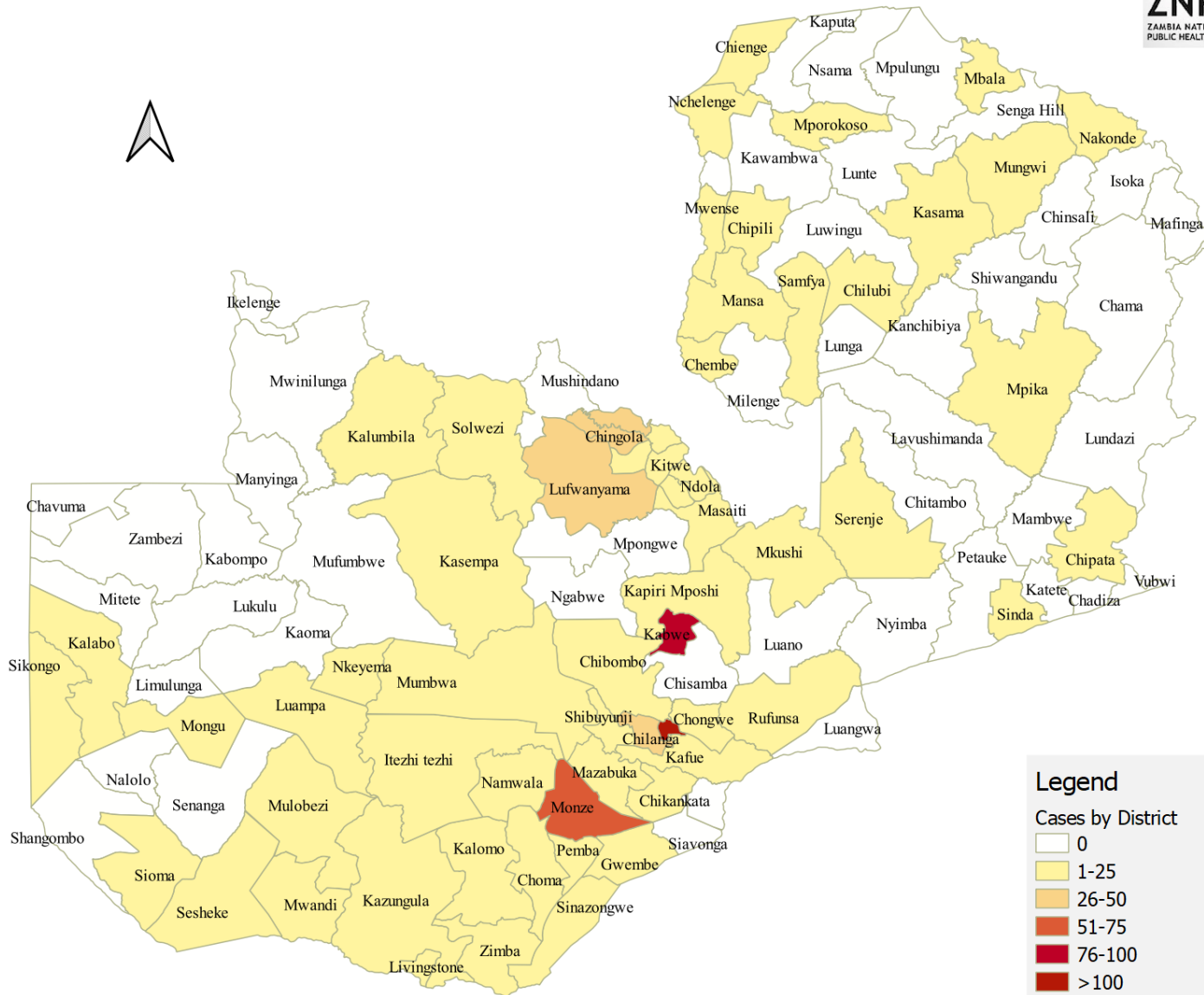


Figure 3: Map showing newly confirmed COVID-19 cases recorded by district during Epi-week 23 (6-12 June 2022)



Table 1: Incidence risk by province, as of 12 June 2022

Province	Population (mid-2020)	Cumulative cases	Cumulative incidence risk (cases per 100 000 persons)	New cases in previous week	New Cases detected this week	Percentage change in new cases	Incidence risk last week (cases/100 000 persons)	Incidence risk this week (cases /100 000 persons)	Percentage change in incidence risk
Central	1,734,601	29,178	1,682	92	128	39%	5.3	7.4	39%
Copperbelt	2,669,635	44,990	1,685	106	124	17%	4.0	4.6	17%
Eastern	2,065,590	36,481	1,766	5	12	140%	0.2	0.6	140%
Luapula	1,276,608	18,040	1,413	57	44	-23%	4.5	3.4	-23%
Lusaka	3,360,183	88,641	2,638	157	393	150%	4.7	11.7	150%
Muchinga	1,095,535	14,687	1,341	13	6	-54%	1.2	0.5	-54%
Northern	1,520,004	14,641	963	16	21	31%	1.1	1.4	31%
N/western	950,789	23,240	2,444	43	36	-16%	4.5	3.8	-16%
Southern	2,135,794	34,130	1,598	216	146	-32%	10.1	6.8	-32%
Western	1,076,683	19,255	1,788	27	24	-11%	2.5	2.2	-11%
NATIONAL	17,885,422	323,283	1,808	732	934	28%	4.1	5.2	28%

↓ reduced compared to previous week ↑ increased compared to previous week ~ approx. no change

Table 2: Changes in indicators over the last two weeks

Indicator	Cumulative	7 days comparison		Change	
		Previous 7 days	Last 7 days	Difference	% Change
Tests	3,507,848	13,359	16,101	2,742	21%
Test positivity	9.2%	5%	6%	1%	1%
Tests/100,000 pop	19,613	75	90	15	21%
Cases	323,283	732	934	202	28%
New Admissions	-	21	15	-6	-29%
Deaths	3,989	3	0	-3	-100%
CFR	1.2%				



Table 3: COVID-19 Resurgence thresholds by province as of 12 June 2022

Province	Number of new cases over 14-days based on the 7-day moving average		Resurgence Threshold
	30 May – 5 June	6 – 12 June	
Central	78	112	44%
Copperbelt	74	123	66%
Eastern	5	9	88%
Luapula	58	41	-29%
Lusaka	142	299	110%
Muchinga	10	9	-4%
Northern	9	22	151%
N/western	42	40	-3%
Southern	189	174	-8%
Western	21	25	22%
NATIONAL	627	854	36%

Key:

	<10% increase or decrease in new confirmed cases: UNDER CONTROL
	10% to <20% increase in new confirmed cases: ALERT
	20% and above increase in new confirmed cases: RESURGENCE

COVID-19 resurgence is defined as an increase in new cases of COVID-19 after a period of lower or no transmission for a period of at least two consecutive weeks. This assumes that surveillance and testing are optimal. Table 3 gives the resurgence thresholds calculated based on the number of new cases over a 14-day period based on the 7-day moving average. There are three actionable thresholds that should be considered: Under Control, Alert and Response threshold. Each threshold has specific guidance on what actions need to be done, available [here](#). All ten provinces are currently listed as “Under Control” threshold



3. PUBLIC HEALTH ACTIONS

3.1 CO-ORDINATION

➤ Regional/Continental level:

- Zambia continues to participate in AU meetings to ensure continued regional and continental trade and strategies to stop transmission of COVID-19. Zambia also hosts the Southern Africa Regional Collaborating Centre of the Africa CDC and has been coordinating the response at regional level. Detailed updates on the COVID-19 statistics can be accessed on the [Africa CDC website](#), and the Vaccination Dashboard can be accessed [here](#)

➤ National Level:

- Government continues to implement a **nine-pronged strategy** in response to the COVID-19 outbreak: Surveillance and case finding; **Case management; Infection prevention and control; Risk communication and community engagement; Laboratory diagnosis; Logistics and supply chain management; Appropriate competent and adequate workforce; Routine essential health services; and Vaccination.**
- Measures and interventions to control the spread of COVID-19 countrywide are outlined in the Statutory instruments **SI21 and SI22 of 2020 on COVID-19 and presidential directives.**
- The **COVID-19 contingency plan** outlining the country's COVID-19 preparedness and response activities underwent revision in the first week of April, 2021 and was approved by Cabinet.
- Technical co-ordinating meetings are held with cooperating partners and other stakeholders. The meetings are chaired by the Director General, ZNPHI
- The **Incident Management System (IMS)** continues to meet at ZNPHI (with a Zoom link provided to ensure social distancing) on Thursday morning; while senior technical meetings at ministerial level are held twice weekly.

BACKGROUND

The WHO was alerted of an increase in the number of pneumonia cases of unknown cause detected in Wuhan City, Hubei Province, China. The disease now called Coronavirus Disease 2019 (COVID-19) is caused by a new coronavirus named SARS-CoV-2. The WHO declared the outbreak a PHEIC on 30th January and further declared COVID-19 a pandemic on 12th March. Zambia recorded its first two cases of COVID-19 on 18th March 2020. The first 28 cases in Zambia all had a history of travel to Europe or Asia. Three weeks into the outbreak, cases were noted among people without history of travel but in contact with confirmed cases. By mid-June 2020, cases had been reported in all ten provinces, with Western province being the last to confirm cases of COVID-19. Generalised local person-person transmission is now established throughout the country. To date, Zambia has had **four distinct waves** of the pandemic, with a last wave having peaked during the week of 27th Dec '21-2nd Jan 2022



3.2 SURVEILLANCE AND CASE MANAGEMENT

- Active surveillance is ongoing in healthcare facilities, at community level, through contact tracing and at points of entry. The revised guidelines for the home management of COVID-19 cases can be accessed [here](#).
- See **table 4** for the surveillance statistics reported in the last week as well as current admission statistics; and **figure 4** for case management trends over the past month.

Table 4: Breakdown of surveillance and case management statistics reported in the last week and current admissions by province

PROVINCE	RECORDED IN THE LAST WEEK				CURRENT STATISTICS			
	NEW CASES	DEATHS	DISCHARGES	TOTAL NEW ADMISSIONS	CURRENTLY ACTIVE	CURRENTLY ADMITTED	ON OXYGEN	CRITICAL
CENTRAL	128	0	102	0	130	1	1	0
COPPERBELT	124	0	85	3	144	3	1	0
EASTERN	12	0	6	0	13	0	0	0
LUAPULA	44	0	64	0	50	0	0	0
LUSAKA	393	0	169	7	415	7	7	0
MUCHINGA	6	0	11	0	8	0	0	0
NORTHERN	21	0	8	0	32	0	0	0
N/WESTERN	36	0	39	1	42	1	1	1
SOUTHERN	146	0	205	4	182	4	2	1
WESTERN	24	0	23	0	31	0	0	0
TOTAL	471 Cases	0 Deaths	712 Discharges	15 New admissions	1,047 Active	16 Admitted	12 (75%) On O₂	2 (13%) Critical

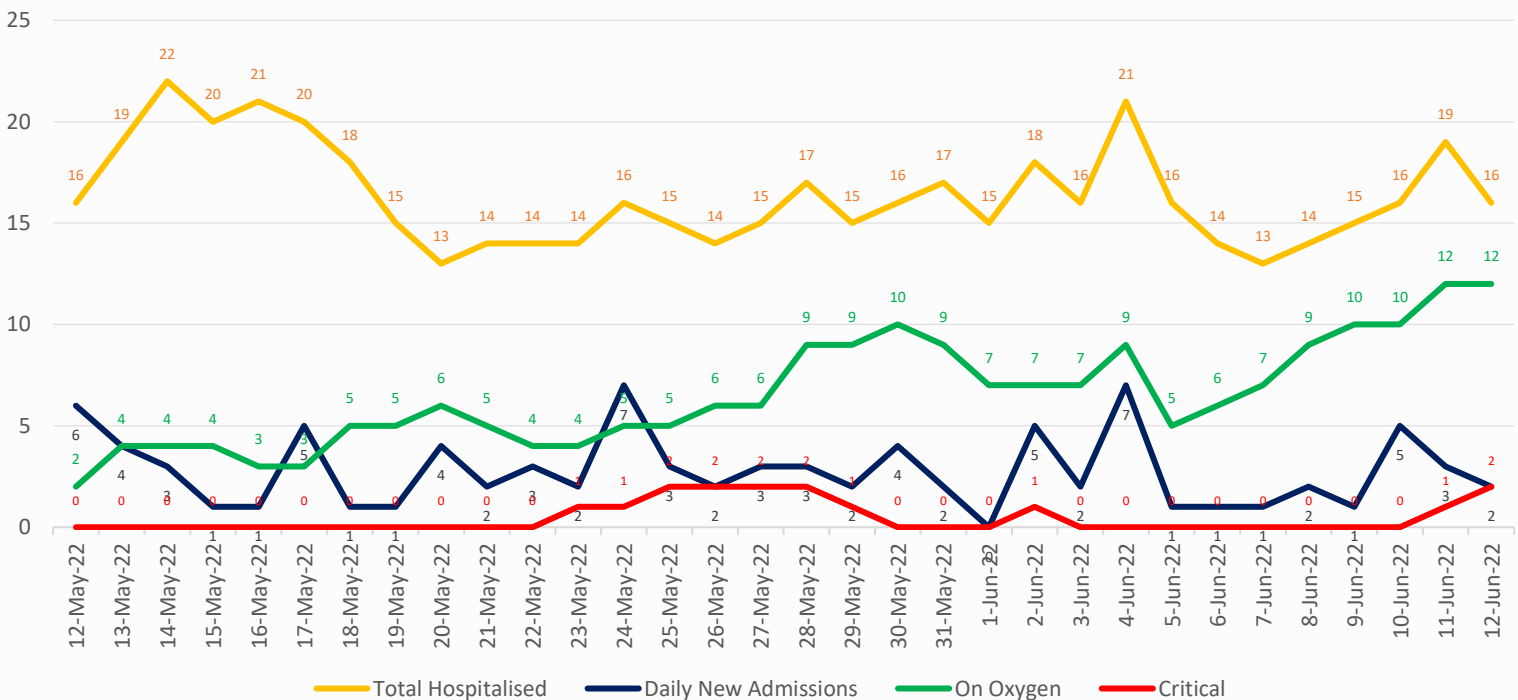


Figure 4: Case management trends over the past month, showing overall admissions, against daily new admissions, patients on Oxygen therapy and those in critical condition



3.3 LABORATORY AND SAMPLE MANAGEMENT

- Zambia is utilising a number of testing platforms, including real-time Polymerase Chain Reaction (RT-PCR), Gene Xpert, Hologic Panther, and Roche Cobas 6800, as well as Standard Q and Panbio Rapid Diagnostic Tests. Available testing centres can be found here: <https://arcp.is/15rqeP> and the revised testing strategy can be found [here](#).
- On 10th January 2022, government revised the testing strategy to prioritise only those presenting with symptoms. This came as a result of increased global and local demand for test kits due to increased community transmission
- **Current week analysis (6 – 12 June):** The total number of tests conducted this week was **16,101**, (21% more tests than last week); overall positivity was **6%**. See *figure 5* below for comparative analysis of tests conducted across the provinces
- **Previous week analysis (30 May – 5 June):** **13,359** tests were conducted in the previous week (**5%** tested positive for SARS-CoV-2) [compared to **11,188** tests the week before last (4% positivity)].
- The cumulative testing coverage is **19,613 per 100,000 population**.

Table 5: Testing rates per province comparison for the last two weeks

Province	Last week				This Week		
	Population (mid-2020)	Total Number of tests done	Number of tests done/ 100,000 Population	Test Positivity Rate	Total Number of tests done	Number of tests done/ 100,000 Population	Test Positivity Rate
Central	1,734,601	925	53	10%	1,261	73	10%
Copperbelt	2,669,635	1,515	57	7%	1,629	61	8%
Eastern	2,065,590	558	27	1%	623	30	2%
Luapula	1,276,608	1,443	113	4%	1,385	108	3%
Lusaka	3,360,183	3,974	118	4%	7,176	214	5%
Muchinga	1,095,535	983	90	1%	457	42	1%
Northern	1,520,004	394	26	4%	408	27	5%
N/western	950,789	840	88	5%	834	88	4%
Southern	2,135,794	1,520	71	14%	1,282	60	11%
Western	1,076,683	1,207	112	2%	1,046	97	2%
NATIONAL	17,885,422	13,359	75	5%	16,101	90	6%



3.4 COVID-19 VACCINATION PROGRAMME

- A 10-day nationwide vaccination campaign **launched** on Saturday **14 May 2022**, which was extended for 5 days, in a bid to escalate progress towards the vaccination target of 70% of the eligible population.
- To date, Zambia has received **14,926,570 vaccines** doses, broken down as follows: 188,400 Moderna; 1,549,300 AstraZeneca; 1,749,600 Sinopharm; 2,547,270 Pfizer; and 8,892,000 Johnson and Johnson; with the most recent receipt being 250,560 doses of Pfizer received as a direct donation from the Czech Republic on 29 May 2022.
- In the just ended epi-week, **266,912 Dose 1; 334,542 Dose 2/full** (including the single Dose J&J vaccinations) **and 67,718 Booster vaccinations** were administered.
- The vaccination statistics for the past week and cumulatively are broken down as follows:

Table 6: Comparison of vaccine doses received and doses administered, as of 12 June 2022

Vaccine	RECEIVED	ADMINISTERED THIS WEEK			CUMULATIVE TO DATE		
	# of Doses	Dose 1	Dose 2	Booster	Dose 1	Dose 2	Booster
AstraZeneca	1,549,300	2,252	2,559	583	633,527	302,251	17845
J&J	8,892,000	-	230,488	27751	-	3,409,247	221901
Moderna	188,400	189	0	117	94,537	69,643	4,421
Pfizer	2,547,270	99,432	9,775	6,599	1,074,703	118,367	86,828
Sinopharm	1,749,600	46,409	9,964	1260	613,617	117,204	9596
TOTAL	14,926,570	148,282	252,786	36,310	2,416,384	4,016,712	340,591

➤ **In summary**, of the total vaccine doses received, 6,773,687 (45%) have been administered to date; wastage rate is estimated at 1.6%