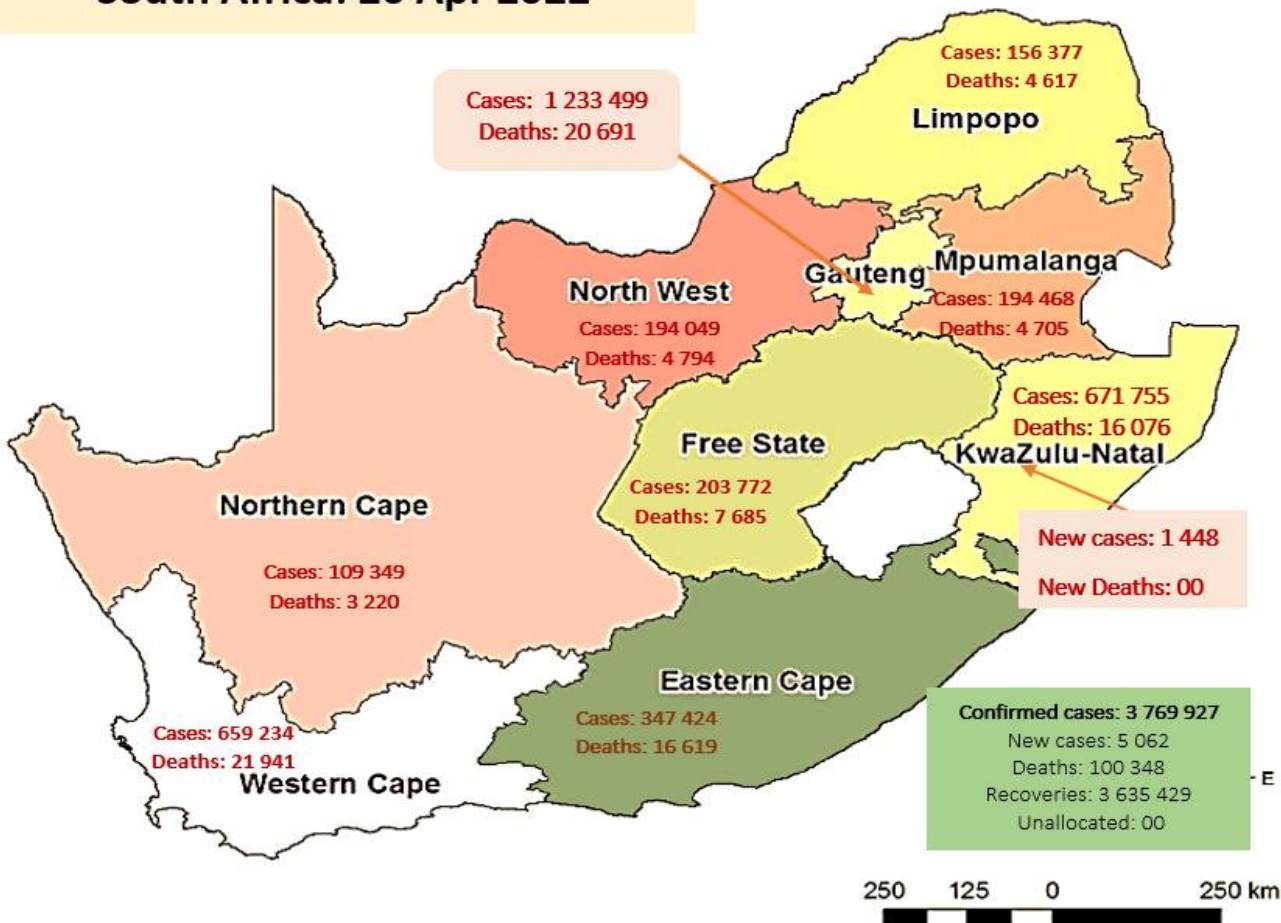


KwaZulu-Natal Department of Health COVID-19 Situational report: 26 April 2022

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Provincial War Room Members

South Africa: 26 Apr 2022



Disclaimer:

NB: Due to differences in reporting methods, retrospective data consolidation, and reporting delays, the number of new cases may not always add up sequentially. We are constantly cleaning & de-duplicating the data to ensure quality.

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Highlights

- On 26 April 2022, KwaZulu-Natal Province recorded 1 448 new cases.
- The province ranks the second highest in terms of the number of laboratory-confirmed cases countrywide, contributing 18% (n=671 755) cases.
- The number of daily new cases increases, with eThekweni District contributing above 60% on daily basis.
- The average number of cases recorded in the past seven days was 898 cases per day.
 - The seven-day moving average has been fluctuating (changed from 237-898 cases/day) in the past seven days.
- KwaZulu-Natal Province recorded no COVID-19-related deaths on 26 April 2022.
- The province continues to rank the fourth highest in terms of fatalities countrywide, following Eastern Cape, Gauteng and Western Cape.
 - The province is contributing 16% (n=16 076) of the deaths countrywide.
- The number of daily hospitalizations increased slightly with increase in the number of new cases in the private sector.
 - The number of ICU and high care admissions also started to increase gradually.

Summary of laboratory-confirmed patients

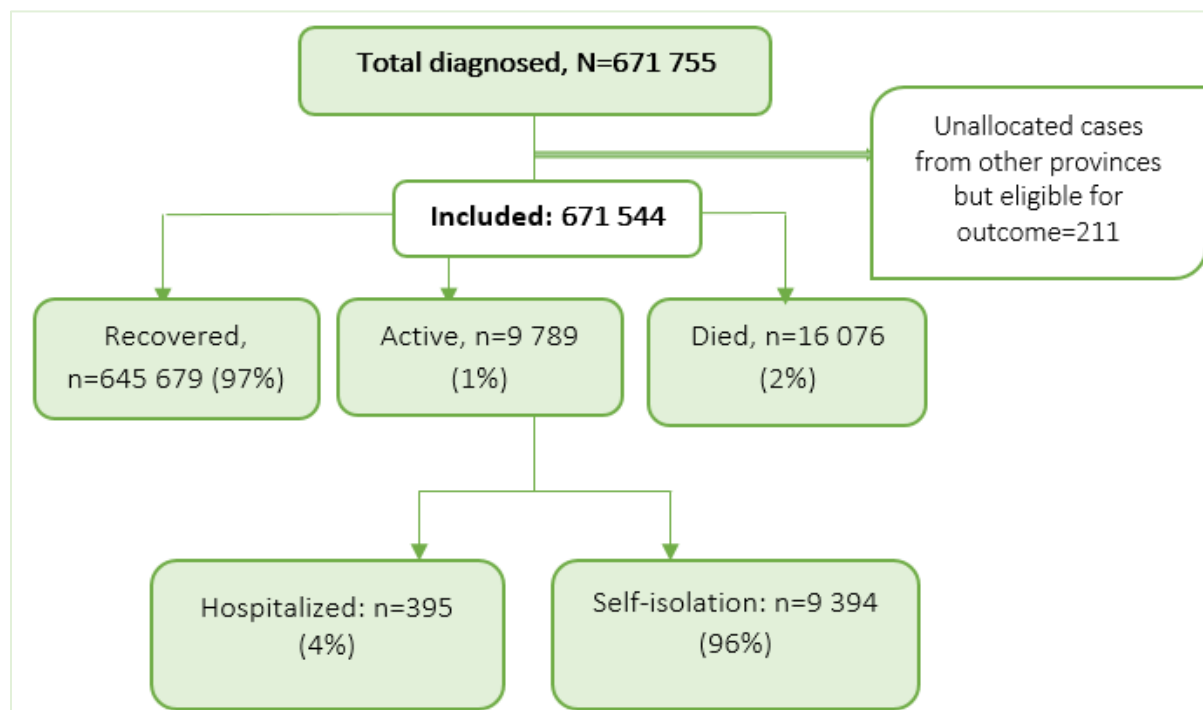


Figure 1: Summary of laboratory-confirmed cases, KwaZulu-Natal, 5 Mar 2020-26 Apr 2022

Distribution of cases by reporting date and district

Of the 1 448 new cases recorded on 26 April 2022, eThekweni District recorded 83% followed by Umgungundlovu (5%) and iLembe (5%) Districts (Table 1). The average number of cases received in the past seven days is 898 cases/day (Figure 2). The median number of cases reported in the province in the past seven days was 801 cases/day (range 209-1 020 cases/day).

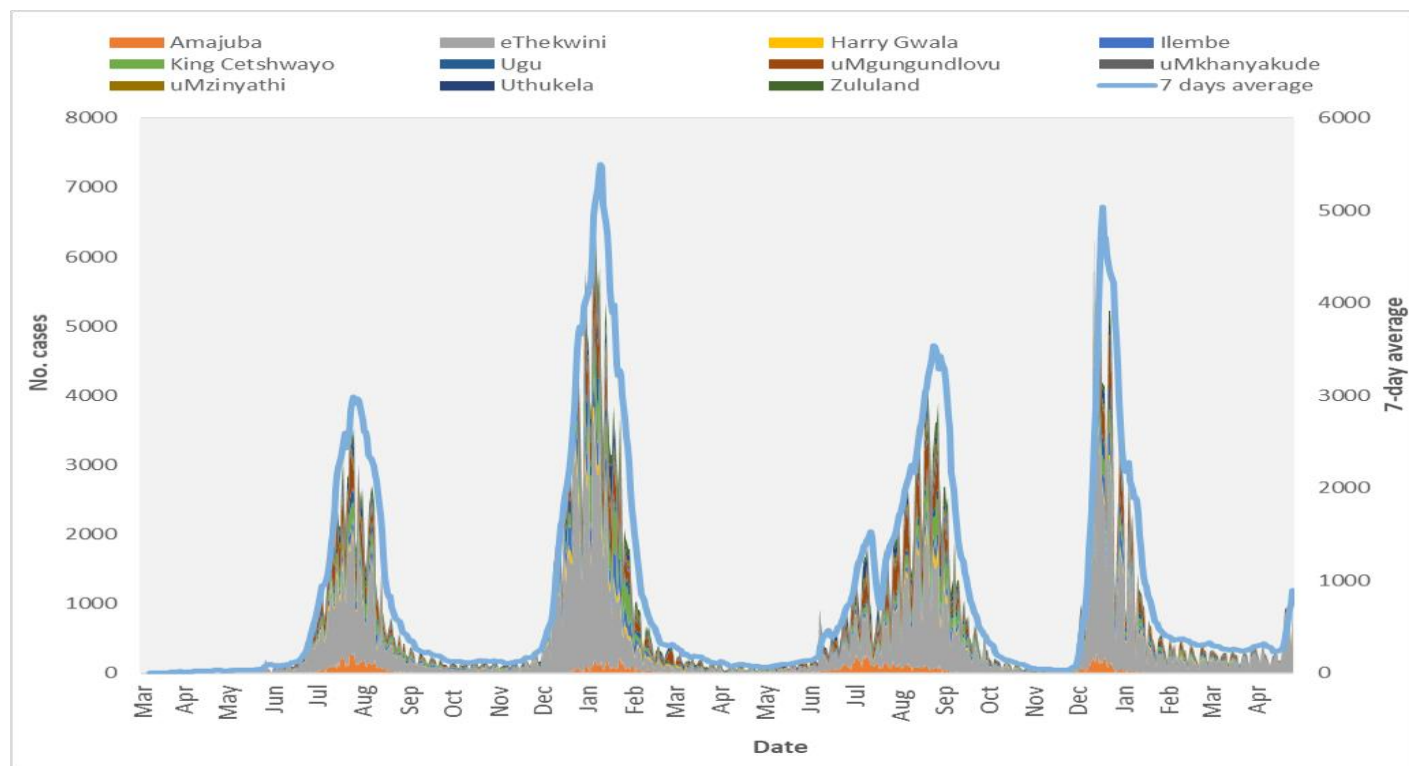


Figure 2: Epidemic curve of COVID-19 cases by report date, KwaZulu-Natal, 5 Mar 2020–26 Apr 2022

Table 1: Distribution of cases and deaths by district, KwaZulu-Natal, 5 Mar 2020–26 Apr 2022

District	New cases	%. New cases	Total cases	%.Total cases	New deaths	Total deaths	%. Total deaths	Case Fatality rate (%)
EThekweni	1 197	82,7	320 807	47,8	0	5 614	34,9	1,7
iLembe	68	4,7	40 819	6,1	0	835	5,2	2,0
UMgungundlovu	80	5,5	78 433	11,7	0	2 223	13,8	2,8
UThukela	21	1,5	30 615	4,6	0	968	6,0	3,2
King Cetshwayo	28	1,9	52 625	7,8	0	1 456	9,1	2,8
UGu	19	1,3	33 450	5,0	0	988	6,1	3,0
Amajuba	11	0,8	27 065	4,0	0	1 092	6,8	4,0
UMkhanyakude	5	0,3	21 953	3,3	0	762	4,7	3,5
Harry Gwala	6	0,4	15 646	2,3	0	582	3,6	3,7
Zululand	6	0,4	28 678	4,3	0	687	4,3	2,4
UMzinyathi	6	0,4	17 340	2,6	0	859	5,3	5,0
Unallocated	1	0,1	4 324	0,6	0	10	0,1	0,2
Total	1 448	100,0	671 755	100,0	0	16 076	100,0	2,4
*NB: Due to transfer in and out of patients, some patients demise in the districts they were transferred to, contributing to a change in the number of deaths by the district after reallocation.								

Resurgence monitoring graphs, KwaZulu-Natal Province

KwaZulu-Natal Province continues to observe a decline in the number of daily cases. With the 1 448 cases received on 26 April 2022, the resurgence monitoring line dropped below the alert threshold (above the 20% mark).

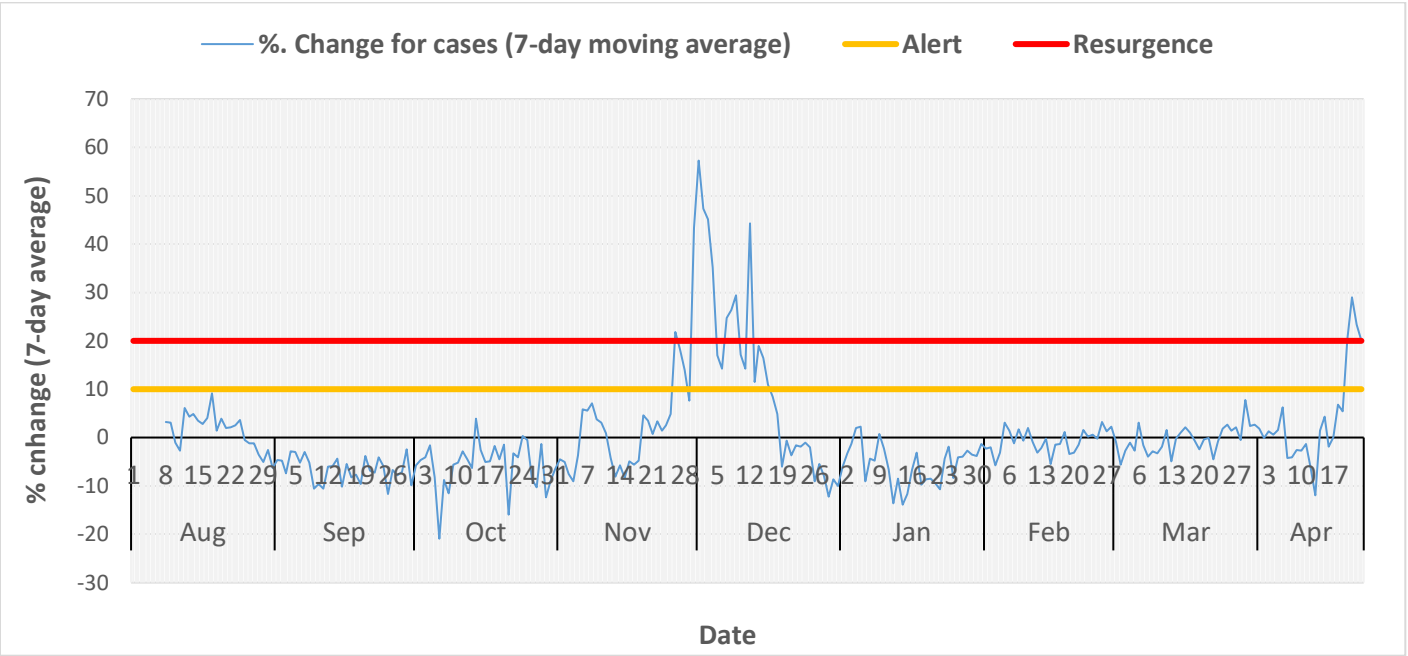


Figure 3: Resurgence monitoring using percentage change, KwaZulu-Natal, 1 Aug-26 Apr 2022

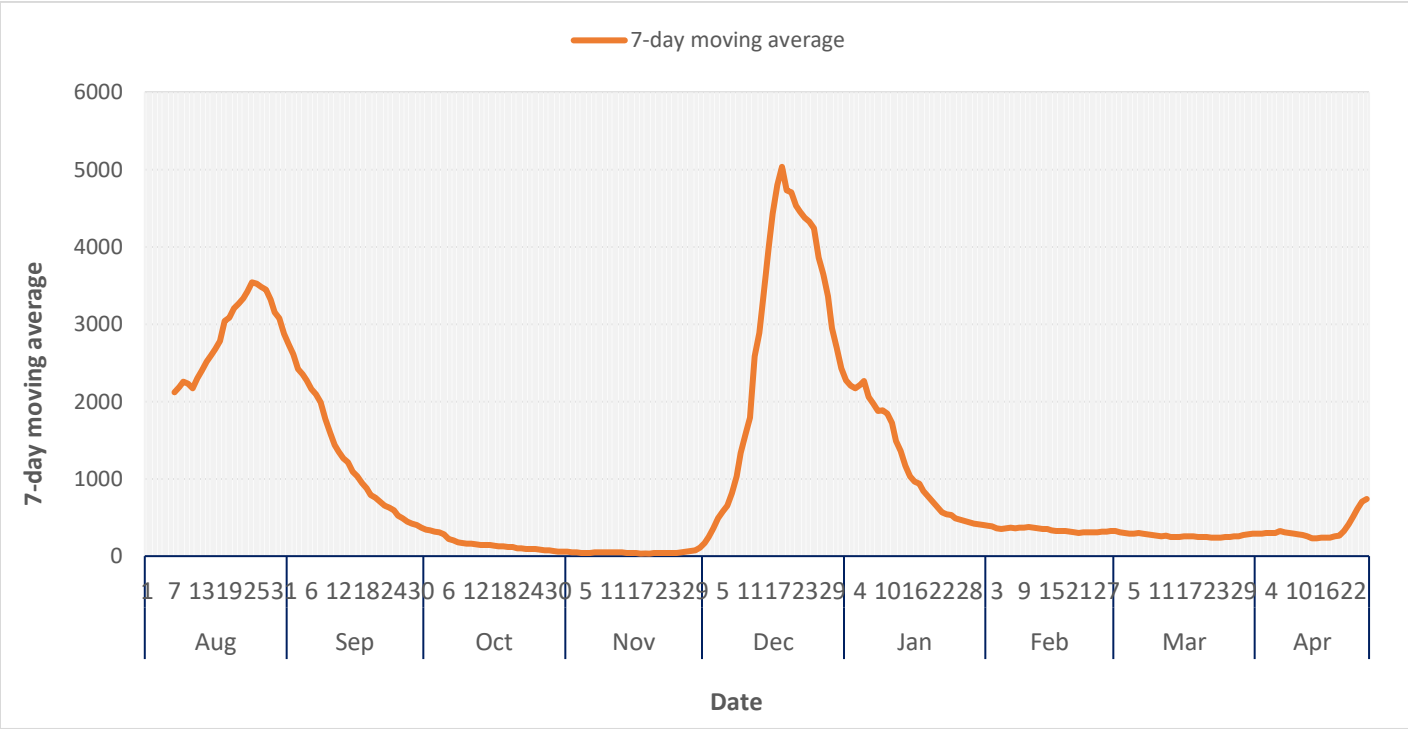
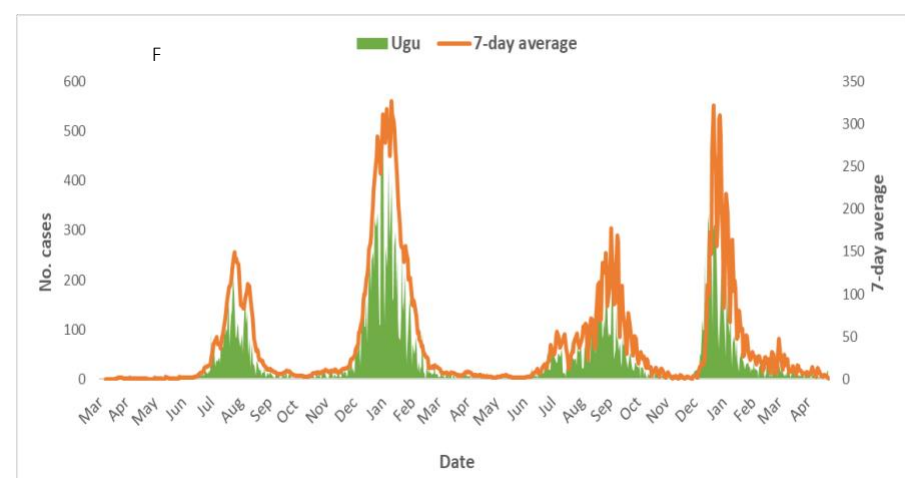
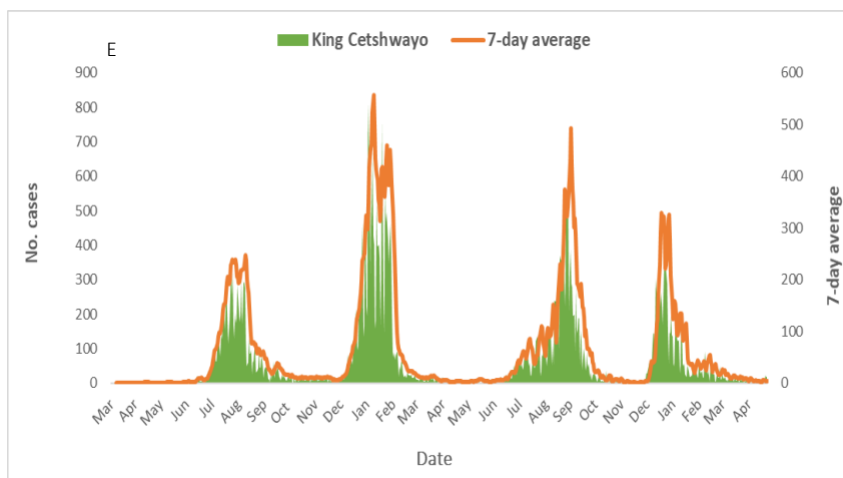
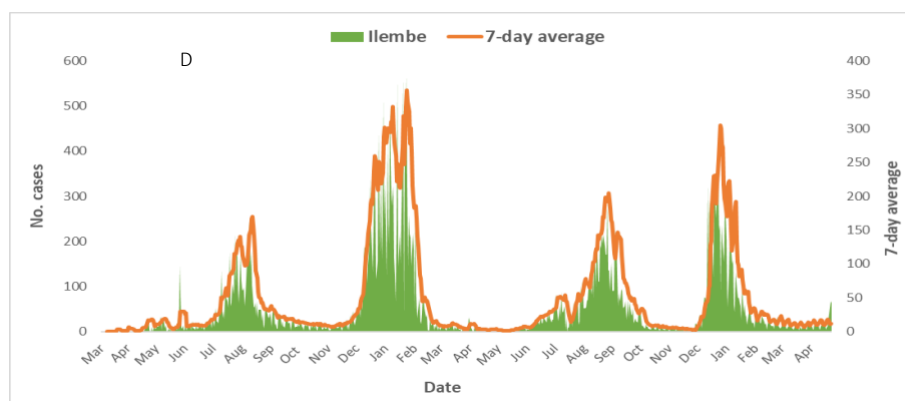
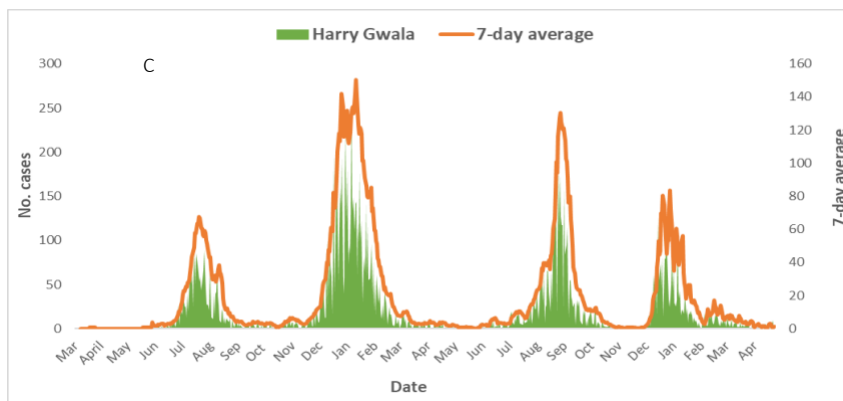
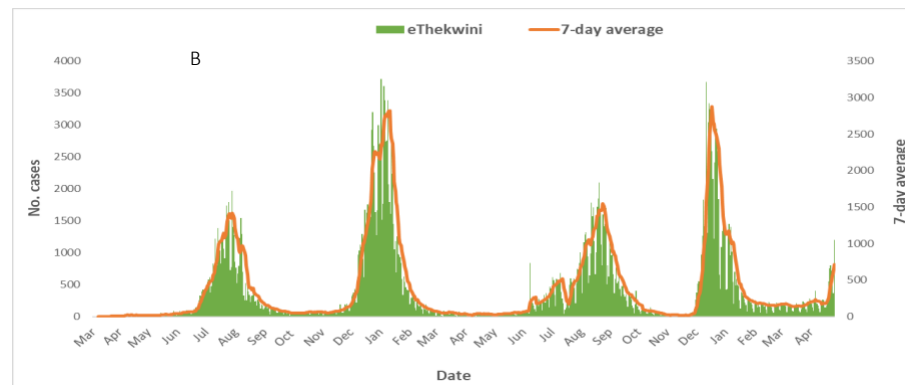
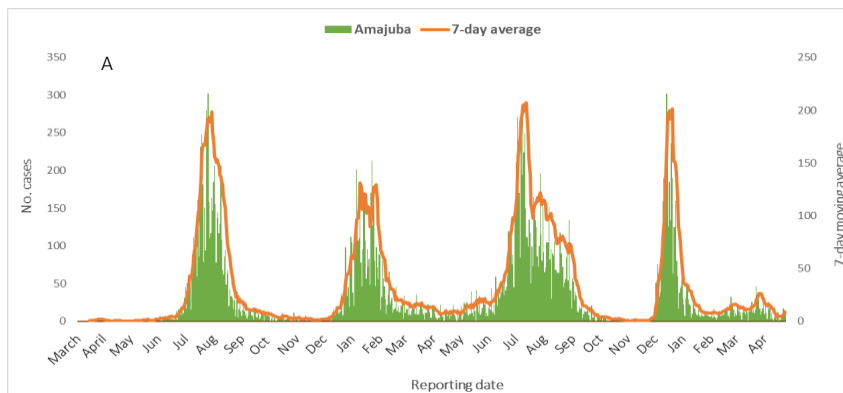
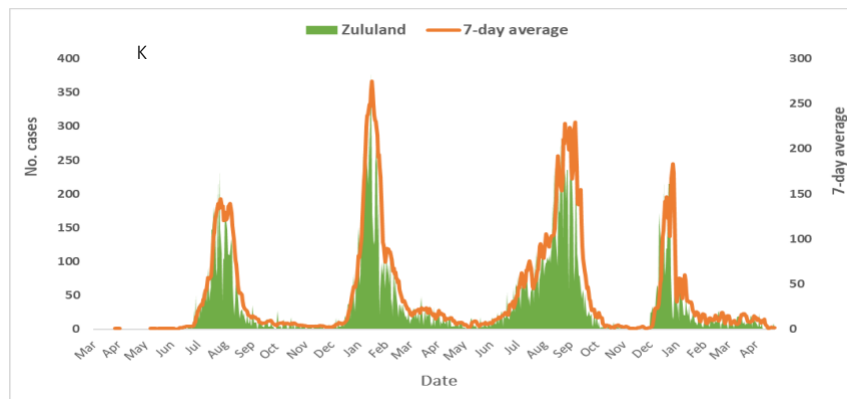
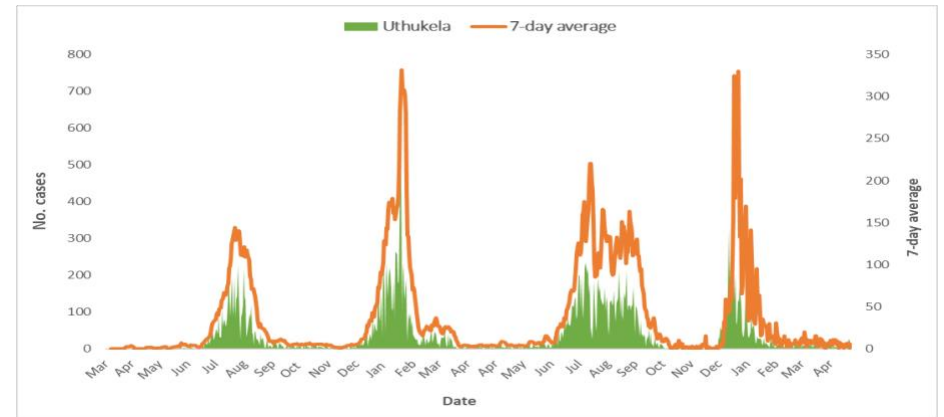
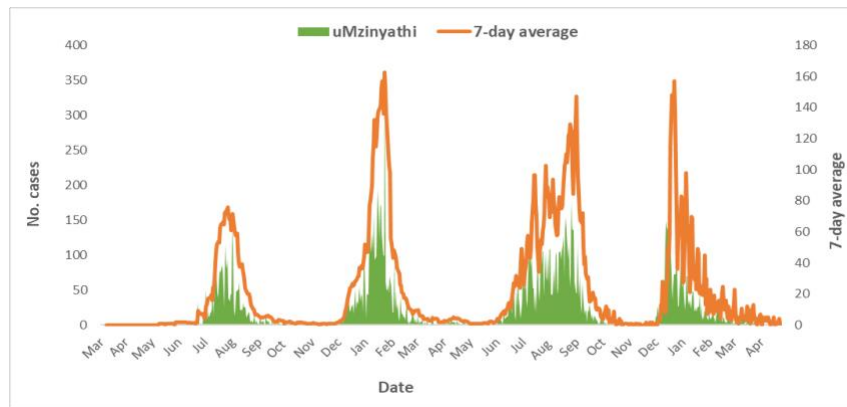
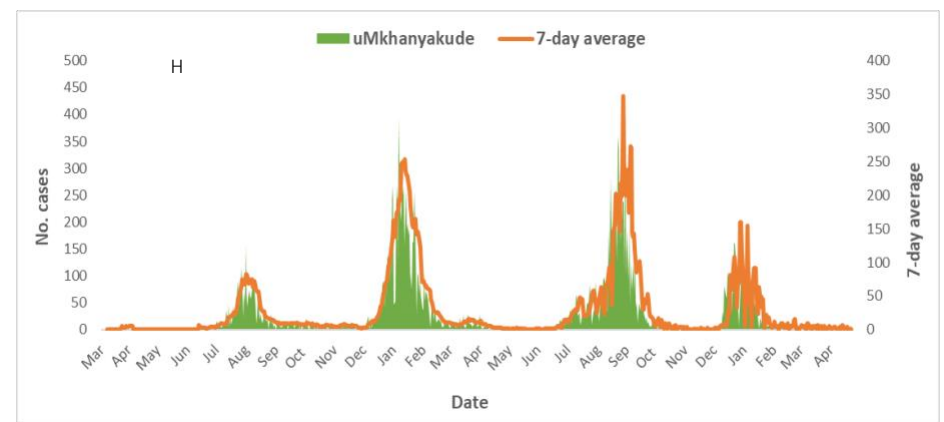
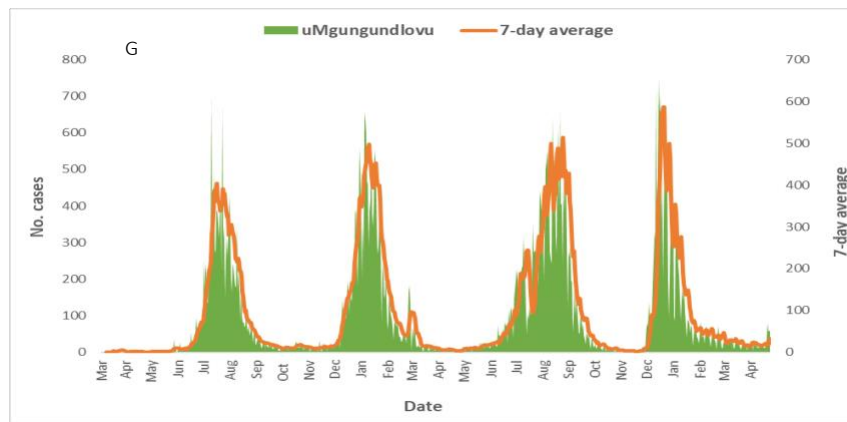


Figure 4: Resurgence monitoring using 7-day moving average, KwaZulu-Natal, 1 Aug-26 Apr 2022





Figures 5a-k: Epidemiologic curves for different districts, KwaZulu-Natal, 5 March 2020–26 Apr 2022

Weekly comparison

KwaZulu-Natal Province observed a remarkable increase in the number of new cases in the past week. The overall percentage change in the number of new cases between weeks 15 & 16 was 70%. The actual number of new cases recorded was 1 488 (week 15) and 5 043 (week 16) respectively. Among the 11 districts, only uMkhanyakude District observed no change in new cases in the past week.

Table 2: Weekly comparison by district, KwaZulu-Natal, 10-23 Apr 2022

District	Sunday, 10 Apr 22	Saturday, 16 Apr 22	Increase (n)	%. Increase	Sunday, 17 Apr 22	Saturday, 23 Apr 22	Increase (n)	%. Change	Total %. Change
EThekwini	314 058	315 193	1 135	0	315 337	319 329	3 992	1	72
ILembe	40 361	40 450	89	0	40 454	40 747	293	1	70
UMgungundlovu	77 882	77 995	113	0	78 008	78 328	320	0	65
UThukela	30 447	30 472	25	0	30 477	30 582	105	0	76
King Cetshwayo	52 466	52 493	27	0	52 494	52 587	93	0	71
UGu	33 107	33 132	25	0	33 133	33 215	82	0	70
Amajuba	26 954	26 985	31	0	26 986	27 051	65	0	52
uMkhanyakude	21 931	21 940	9	0	21 940	21 949	9	0	0
Harry Gwala	15 603	15 616	13	0	15 617	15 639	35	0	63
Zululand	28 636	28 645	9	0	28 647	28 672	25	0	64
UMzinyathi	17 294	17 302	8	0	17 303	17 334	31	0	74
Unallocated	4 315	4 319	4	0	4 316	4 322	6	0	n/a
Total	663 054	664 542	1 488	0	664 712	669 755	5 043	1	70

*The percentage change calculation for Harry Gwala District excluded the 653 cases from EC that were reallocated to the district.

Weekly incidence risk by district (per 100 000 population)

The provincial incidence risk increased remarkably from 13-44 cases per 100 000 population in week 16. However, uMkhanyakude District had no change in incidence risk. The incidence in eThekwini District changed from 28-100 cases/100 000 population.

Table 3: Weekly incidence risk by district, KwaZulu-Natal, 10-23 Apr 2022

District	Week 15	Incidence risk/ 100 000	Mid-2019*(n)	Week 16	Incidence risk/ 100 000	%. Change
EThekwini	1 135	28	4 009 589	3 992	100	72
ILembe	89	13	695 717	293	42	70
UMgungundlovu	113	10	1 139 914	320	28	65
UThukela	25	4	700 381	105	15	76
King Cetshwayo	27	3	954 129	93	10	71
UGu	25	3	804 452	82	10	70
Amajuba	31	5	567 005	65	11	52
uMkhanyakude	9	1	687 989	9	1	0
Harry Gwala	13	3	506 131	35	7	63
Zululand	9	1	884 180	25	3	64
UMzinyathi	8	1	564 089	31	5	74
Unallocated	4	n/a	n/a	6	n/a	n/a
Total	1 488	13	11 513 575	5 043	44	70

*Active cases=Total cases-(recoveries + deaths). *Reallocation of cases has an impact on calculating incidence risk

Distribution of patients by age and sex

Female cases still dominate with approximately 58% of the total confirmed cases (Figure 6b). Among the new cases received on 26 April 2022, female cases contributed 53% (Figure 6a).

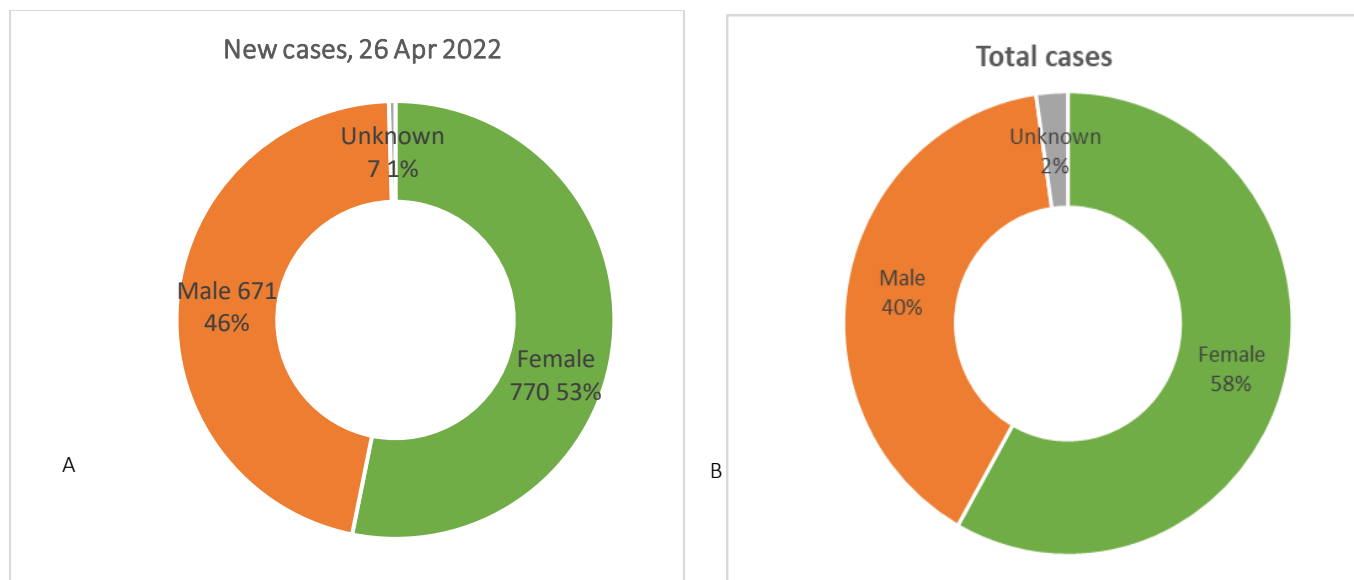


Figure 6: Sex distribution of COVID-19 cases, KwaZulu-Natal, 5 Mar 2020-26 Apr 2022

The number of cases decreases with an increase in age for both male and female cases. The majority of cases are between the ages of 25-59 years (Figure 6). The median age was 46 years (range 0-104 years).

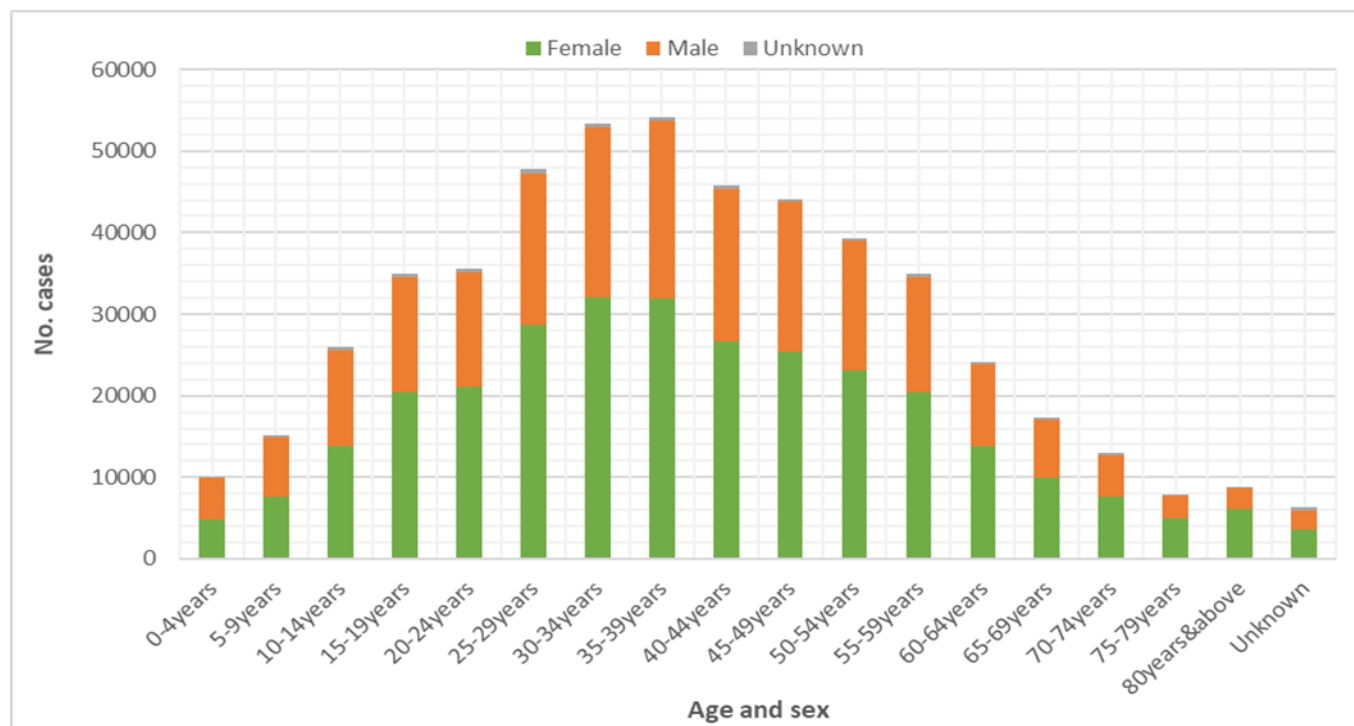


Figure 7: Age and sex distribution of COVID-19 cases, KwaZulu-Natal, 5 Mar 2020-26 Apr 2022

Laboratory status in the province

Of the new cases reported on 26 April 2022, private laboratories confirmed 76% of the cases (Figure 8a). Overall, public laboratories confirmed above half of the total cases (58%) (8b).

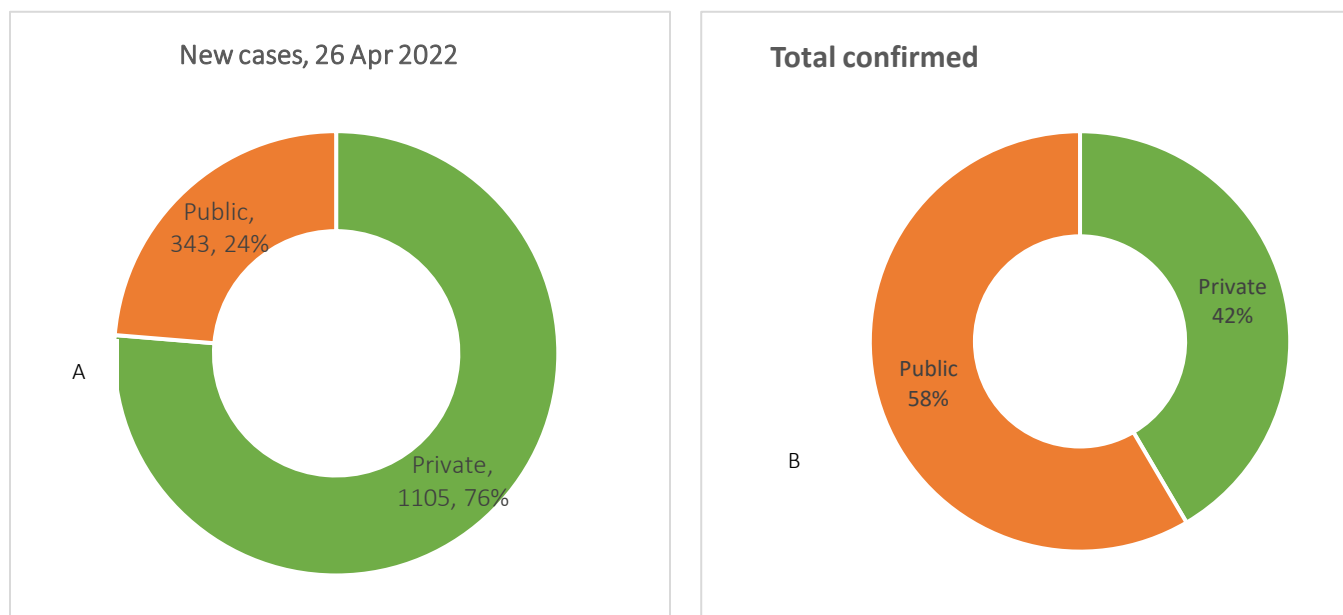


Figure 8: Proportion of confirmed cases by laboratory type, KwaZulu-Natal, 5 March 2020–26 Apr 2022

Table 4: Number of samples tested and detection rate by sector, KwaZulu-Natal, 26 Apr 2022

Sector	Total tests				New tests			
	No. tests	Proportion (%)	No. positive	% Positive	No tests	Proportion (%)	No. positive	% Positive
Private	1 883 248	41,7	303 039	16,1	2 982	53,8	1 023	34,3
Public	2 636 918	58,3	392 207	14,9	2 558	46,2	367	14,3
Total	4 520 166	100,0	695 246	15,4	5 540	100,0	1 390	25,1

Hospital admissions/isolations

On 26 April 2022, the province had 395 patients admitted to the public (n=131, 33%) and private (n=264, 67%) hospitals. Of those admitted, 48 patients (12%) required intensive care services in private (n=34, 71%) and public (n=14, 29%) sectors. Among those who required intensive care, (n=8, 17%) were ventilated.

Table 5: Admissions in public facilities by district, KwaZulu-Natal, 26 Apr 2022 (n=131)

District	Total admissions			ICU patients				High care	
	Total patients	New admissions	Oxygenated	Total	Ventilated	New ICU admissions	Oxygenated	Total	Oxygenated
EThekweni	59	5	11	12	1	0	1	0	0
UMgungundlovu	8	2	4	0	0	0	0	0	0
UMzinyathi	9	0	0	0	0	0	0	0	0
UGu	8	0	1	0	0	0	0	0	0
Amajuba	8	0	0	0	0	0	0	3	0
UThukela	11	1	4	0	0	0	0	0	0
King Cetshwayo	5	2	0	2	0	0	2	0	0
Zululand	4	0	1	0	0	0	0	0	0
ILembe	16	2	4	0	0	0	0	0	0
Harry Gwala	1	0	1	0	0	0	0	0	0
UMkhanyakude	2	0	0	0	0	0	0	0	0
Total	131	12	26	14	1	0	3	3	0

Daily admissions, KwaZulu-Natal

The number of daily admissions increases with increase in the number of new cases. The number of patients requiring ICU and high care also increases with increase in number of admissions.

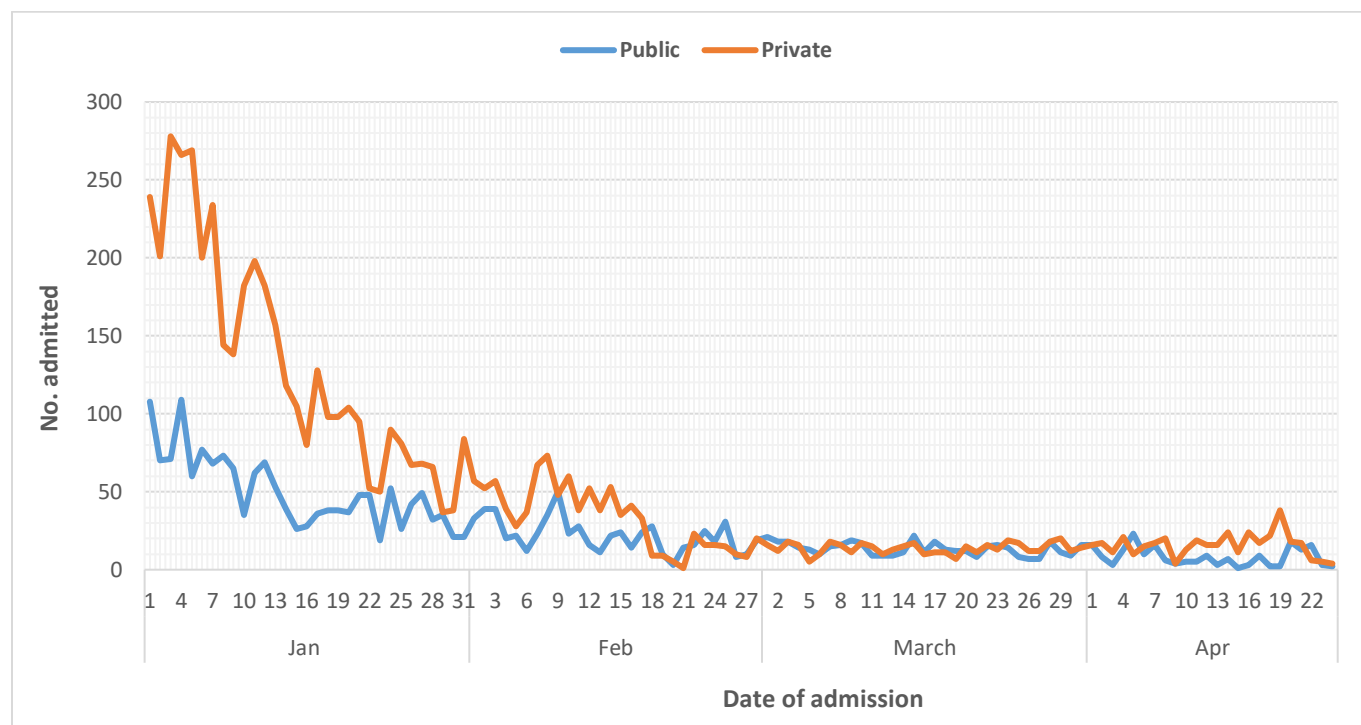


Figure 9: Number of daily admissions (public and private sector), KwaZulu-Natal, 1 Jan-26 Apr 2022

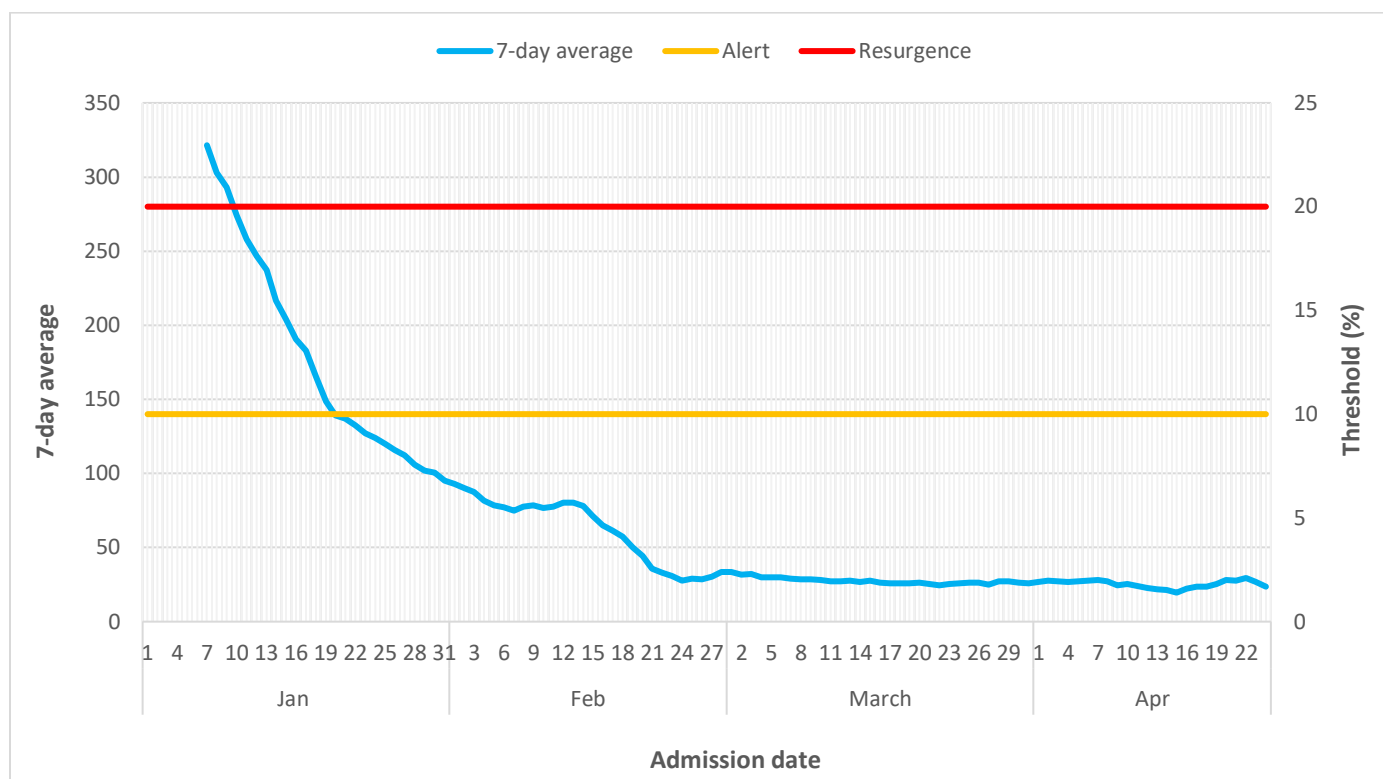


Figure 10: Resurgence monitoring graph for daily admissions (7-day moving average), KwaZulu-Natal, 1 Jan-26 Apr 2022

Operational bed occupancy status, public sector

Of the total available COVID-19 dedicated isolation beds (n=2 905), 5% were occupied. Of the total ICU beds (n=112) allocated in the public sector, 13% were occupied. These are according to the number of beds reported at the provincial level as of 26 April 2022.

Table 6: Operational bed status for COVID-19 patients, public sector, KwaZulu-Natal, 26 Apr 2022

District	Isolation beds						ICU beds		
	Total beds	Occupied (n)	%. Occupied	New admissions	Oxygenated (n)	% Oxygenated	Total beds	Occupied (n)	%. Occupied
EThekweni	1 322	59	4	5	11	19	46	12	26
UMgungundlovu	277	8	3	2	4	50	15	0	0
UThukela	62	11	18	1	4	36	6	0	0
UMzinyathi	171	9	5	0	0	0	0	0	0
UGu	121	8	7	0	1	13	4	0	0
UMkhanyakude	119	2	2	0	0	0	0	0	0
King Cetshwayo	189	5	3	2	0	0	16	2	13
Harry Gwala	109	1	1	0	1	0	0	0	0
Amajuba	189	8	4	0	0	0	19	0	0
Zululand	169	4	2	0	1	25	0	0	0
ILembe	177	16	9	2	4	25	6	0	0
Total	2 905	131	5	12	26	20	112	14	13

Table 7: Intensive care unit bed status, KwaZulu-Natal, 26 Apr 2022

District	Hospital	Capacity	Occupied	%	Vacant	%	Ventilated	%
EThekweni	IALCH	20	0	0,0	20	100,0	0	0,0
	KEH	10	10	100,0	0	0,0	1	10,0
	PMMH	3	0	0,0	3	100,0	0	0,0
	RK Khan	4	0	0,0	4	100,0	0	0,0
	Dr Pixley	7	0	0,0	7	100,0	0	0,0
	Addington	2	2	100,0	0	0,0	0	0,0
District Total		46	12	26,1	34	73,9	1	8,3
UMgungundlovu	Greys	7	0	0,0	7	100,0	0	0,0
	Harry Gwala	8	0	0,0	8	100,0	0	0,0
District Total		15	0	0,0	15	100,0	0	0,0
UGu	Port Shepstone	4	0	0,0	4	100,0	0	0,0
District Total		4	0	0,0	4	100,0	0	0,0
Amajuba	Madadeni	6	0	0,0	6	100,0	0	0,0
	Newcastle	8	0	0,0	8	100,0	0	0,0
	Niemeyer	5	0	0,0	5	100,0	0	0,0
District Total		19	0	0,0	19	100,0	0	0,0
Uthukela	Ladysmith	6	0	0,0	6	100,0	0	0,0
District Total		6	0	0,0	6	100,0	0	0,0
King Cetshwayo	Ngwelezane	8	2	25,0	6	75,0	0	0,0
	Ngwelezane Field	8	0	0,0	8	100,0	0	0,0
	Queen Nandi	16	2	12,5	14	87,5	0	0,0
District Total		6	0	0,0	6	100,0	0	0,0
Lembe	GJGM	6	0	0,0	6	100,0	0	0,0
District Total		112	14	12,5	98	87,5	1	7,1
Grand Total		20	0	0,0	20	100,0	0	0,0

Persons under investigation

Of the total PUIs admitted, none of the patients required ICU beds. Of the total admitted, 16% required oxygenation.

Table 8: Admitted persons under investigation, public facilities, KwaZulu-Natal, 26 Apr 2022

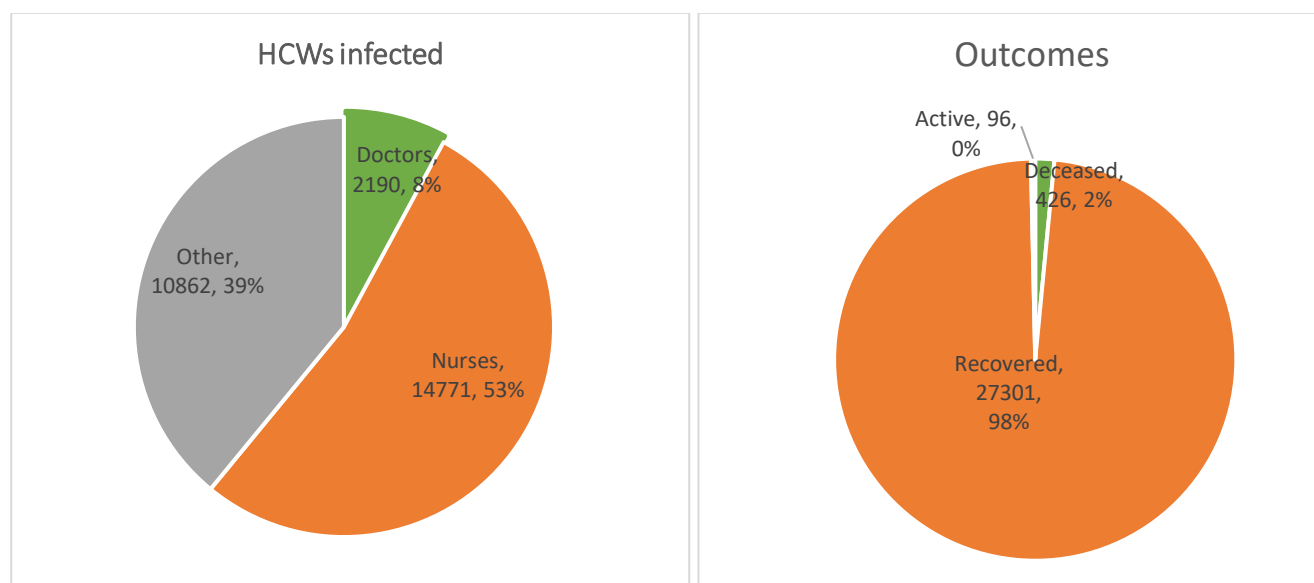
PUI-Persons under investigation					ICU bed occupancy-PUIs				Oxygen therapy	
District	Total beds	Quarantined (n)	%. Occupied	New admissions	ICU (n)	%. ICU	Ventilated (n)	%. Ventilated	Oxygenated (n)	%. Oxygenated
EThekweni	513	157	31	16	0	0	0	0	31	20
UMgungundlovu	145	65	45	6	0	0	0	0	15	23
UMzinyathi	36	3	8	3	0	0	0	0	1	0
Ugu	150	26	17	2	0	0	0	0	0	0
Amajuba	68	35	51	4	0	0	0	0	5	14
UThukela	91	26	29	3	0	0	0	0	7	27
King Cetshwayo	186	14	8	5	0	0	0	0	2	14
Zululand	62	3	5	3	0	0	0	0	0	0
iLembe	100	11	11	5	0	0	0	0	1	9
Harry Gwala	88	49	56	4	0	0	0	0	0	0
UMkhanyakude	60	0	0	0	0	0	0	0	0	0
Total	1 499	389	26	51	0	0	0	0	62	16

Table 9: Number of Admissions by vaccination status, 26 Apr 2022

District	Total beds	Occupied	%. Occupied	Fully Immunized	% Fully Immunized	Immunized	% Immunized	Not Immunized	% Not Immunized
EThekweni	1 322	59	4	0	0	0	0	4	80
UMgungundlovu	277	8	3	0	0	0	0	0	0
UThukela	62	11	18	0	0	0	0	0	0
UMzinyathi	171	9	5	0	0	0	0	0	0
UGu	121	8	7	0	0	0	0	0	0
UMkhanyakude	119	2	2	0	0	0	0	0	0
King Cetshwayo	189	5	3	0	0	0	0	2	100
Harry Gwala	109	1	1	0	0	0	0	0	0
Amajuba	189	8	4	0	0	0	0	0	0
Zululand	169	4	2	0	0	0	0	0	0
ILembe	177	16	9	0	0	0	0	2	100
Total	2 905	131	5	0	0	0	0	8	67

Infected health care workers

A cumulative 27 823 health care workers (HCWs) were infected with COVID-19 in the public sector since the beginning of the pandemic. Of the total infected, 426 (2%) (Case fatality rate) succumbed to the disease. The majority of the infected health care workers (HCW) were nurses (55%).

**Figure 10:** Infected health care worker and outcomes, KwaZulu-Natal, 5 Mar 2020-26 Apr 2022

Recoveries

The overall proportion of recoveries for the province was 96% (n=645 679). The proportion of recoveries in all the districts is above 90%.

Table 10: Total cases and recoveries by district, KwaZulu-Natal, 5 Mar 2020–26 Apr 2022

District	Total cases	Active cases		Deaths		Recoveries	
		no. active	% active	no. deaths	% deaths	no. recovered	% Recoveries
EThekweni	320 807	8 037	2,5	5 614	1,7	307 156	95,7
ILembe	40 819	344	0,8	835	2,0	39 640	97,1
UMgungundlovu	78 433	244	0,3	2 223	2,8	75 966	96,9
UThukela	30 615	119	0,4	968	3,2	29 528	96,4
King Cetshwayo	52 625	52	0,1	1 456	2,8	51 117	97,1
UGu	33 239	530	1,6	988	3,0	31 721	95,4
Amajuba	27 065	45	0,2	1 092	4,0	25 928	95,8
UMkhanyakude	21 953	21	0,1	762	3,5	21 170	96,4
Harry Gwala	15 646	180	1,2	582	3,7	14 884	95,1
Zululand	28 678	86	0,3	687	2,4	27 905	97,3
UMzinyathi	17 340	34	0,2	859	5,0	16 447	94,9
Unallocated	4 324	97	2,2	10	0,2	4 217	97,5
Total	671 544	9 789	1,5	16 076	2,4	645 679	96,1

* Ugu: 211 cases from Eastern Cape removed from calculating recoveries; *Patients unallocated but eligible for the outcome (inactive)

Fatalities, 28 March 2020-26 April 2022

KwaZulu-Natal Province recorded no COVID-19-related deaths on 26 April 2022. The province has had a total of 16 076 deaths (case fatality rate: 2.4%) since the beginning of the pandemic. Within the province, eThekweni Metro Municipality continues to contribute 35% of the reported deaths (n=5 612). Of the total deaths, 330 (2%) occurred at home/community. The median age for the deaths was 66 years (range 0-105). Of the total deaths, 10 577 (66%) had comorbidities.

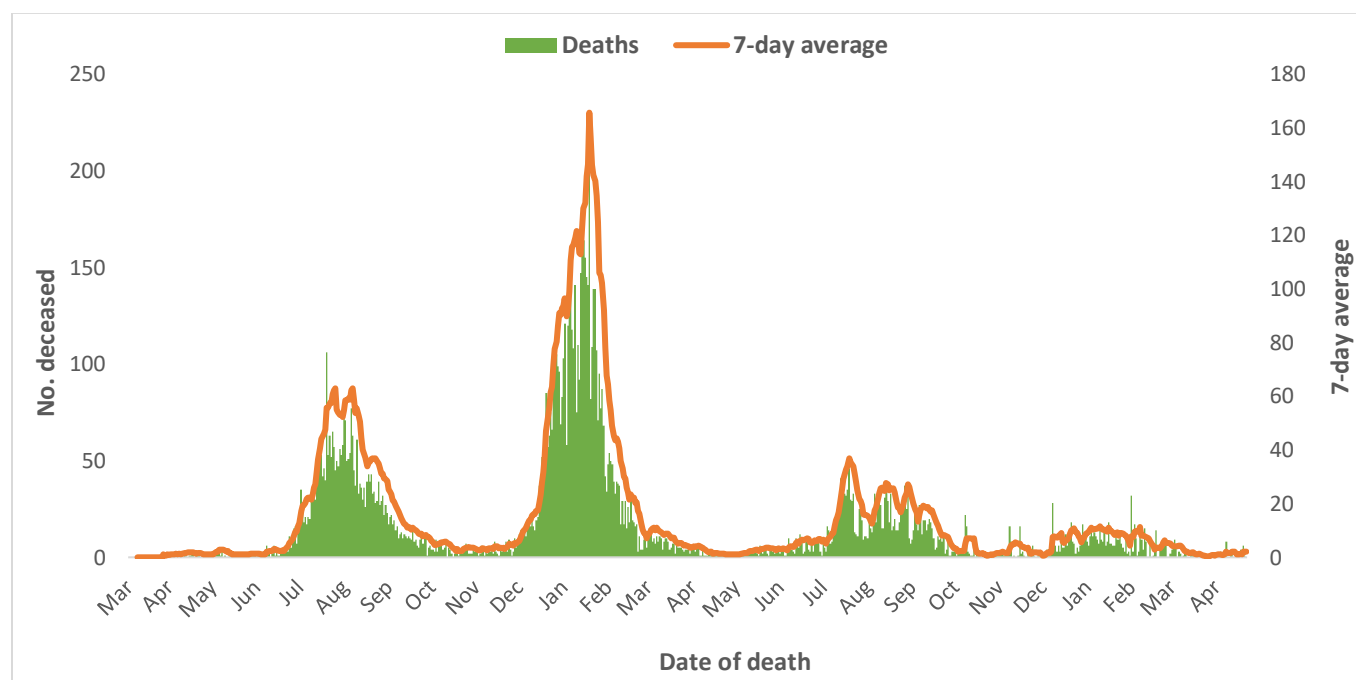
**Figure 11:** Deaths and 7-day moving average by date of death, KwaZulu-Natal, 28 Mar 2020-26 Apr 2022

Table 11: Vaccination status, 26 Apr 2022

Report Date: 26 April 2022		Number of Sites Open Today: 376	Total Vaccinations Done Today:		10 008
Target Group	Target	Today's (1st Dose) Vaccinations	Total Registered/ Vaccinated	Percentage	Balance still to be vaccinated
Total HCW Vaccinated	162142	1	146 820	91	15 322
60yrs + Vaccinated	955048	58	639 895	67	315 153
50-59yrs Vaccinated	808 981	130	483 054	60	325 927
35 – 49yrs vaccinated	2 022 619	379	939 394	46	1 083 225
18-34yrs Vaccinated	3 433 147	1015	1 010 374	29	2 422 773
12 - 17yrs Vaccinated	1 305 712	1657	243 825	19	1 061 887
Total Public & Private 1st Dose	7 219 795	3 514	3 072 717	42,56	4 147 078
Total Fully Vaccinated	7 219 795		2 750 011	38,09	4 469 784
Total Partially Vaccinated	7 219 795		322 706	4,47	
Total Received a Booster Dose	3 072 717		382 441	12,45	
Total Vaccinations done to date 1st & 2nd Doses			5 351 907		
<p>NB: Please note that the private sector is not included in the daily age group vaccinations above and the actual age group daily vaccination coverage is higher than detailed in this report. A more comprehensive report is released weekly. However, the total EVDS registered/ Vaccinated are a true reflection of latest data, including the private sector as per the National Vaccination Dashboard & EVDS. The booster doses include both Sisonke and the National Vaccination program doses.</p>					

Table 12: Contact tracing

District	Contacts identified for tracing	Contacts traced to date	Contacts monitored today	Contacts tested for Covid-19	Contacts confirmed positive Covid-19	Positivity among contacts tested (%)	Contacts completed monitoring and not positive
Amajuba	38 899	38 650	0	25 531	5 701	22,3%	38 215
Ethekwini	213 229	206 175	418	121 171	17 653	14,6%	187 822
King Cetshwayo	34 302	29 103	21	14 246	4 468	31,4%	9 721
Ugu	76 429	75 497	208	69 089	9 297	13,5%	59 446
Harry Gwala	102 656	102 358	0	83 961	12 350	14,7%	88 894
Ilembe	32 344	32 060	4	17 101	2 986	17,5%	31 273
Umgungundlovu	263 987	263 578	82	121 865	59 612	48,9%	228 386
Umkhanyakude	145 575	143 742	2	34 534	10 673	30,9%	46 711
Umzinyathi	26 864	26 253	3	18 940	2 102	11,1%	19 274
Uthukela	87 478	87 478	39	84 634	4 396	5,2%	83 043
Zululand	46 905	45 186	0	35 658	6 973	19,6%	33 620
Total	1 068 668	1 050 080	777	626 730	136 211	21,7%	826 405

Acknowledgements

KwaZulu-Natal Department of Health

KwaZulu-Natal Communicable Disease Control

National Department of Health

National Health Laboratory Services

National Institute for Communicable Diseases

KwaZulu-Natal Nursing Department

Centre for Disease Control and Prevention

World Health Organization

Private laboratories

Centre for Disease Control District Coordinators

KwaZulu-Natal Province Tracer Teams

KwaZulu-Natal Province Screening Teams

EThekweni Metro Municipality Team members

