

Daily Epidemiological Report for SARS-Cov_2

Report No. 320

Date Issued 17 Feb. 2021 @23h58

1. PURPOSE

The report provides a descriptive analysis of SARS-Cov-2 related cases and deaths, which were detected, reported and investigated in the Eastern Cape Province, as on 17 Feb. 2021.

2. HIGHLIGHTS

a. As on the 17th February 2021, **74** new SARS-Cov-2 cases were reported in the province. The majority of newly reported cases were in Nelson Mandela Metro (29.7%), followed by Amathole (13.5%), Buffalo City Metro (13.5%) and Joe Gqabi (12.2%).

- Active Cases: Of the **747** current active cases, majority are in Buffalo City Metro (**20.1%**) followed by Nelson Mandela Metro (**18.9%**), Amathole (**15.3%**), Chris Hani (**13.0%**), and Alfred Nzo (**12.4%**).
- The provincial recovery rate was **93.8%**. All the districts had a recovery rate above 90%.
- From the 5th of January 2021 to date, the testing rate has increased while the percentage of specimens testing positive has decreased.

b. **Covid-19 related deaths:**

- In the last 24 hours, **15** new deaths were reported and **6** of these deaths occurred in the last 48 hours.
- **Clinical audits and back capturing of deaths into DATCOV have identified an increase in the number of deaths especially in between June and December 2020.**

c. **Hospitalizations and outcomes:**

As on 17 February 2021, the cumulative number of hospitalized patients was **31,181**; 70.3% in the public sector and 29.7% in the private sector. Of the current admissions (n=495), about 78.2% were admitted in the general ward, 13.5% in ICU and 8.3% in high care. About 40.8% of current admissions were on oxygen and 6.1% were on ventilation.

d. **Healthcare workers:**

- As on 16 February, the cumulative number of healthcare workers who tested positive for SARS-Cov-2 was **11,256** and **262** demised (the case fatality rate was 2.3%).
- Nurses were the most affected, followed by doctors and clinical associates. **There is an increase in the positivity rate among healthcare workers in the metros.**

Conclusion

- The burden of disease due to SARS-Cov-2 appears to be declining but still remains high in some areas of the province.
- Just over half of the active cases are in Chris Hani, Joe Gqabi, OR Tambo and Amathole.
- Seven districts report a recovery rate, which is above 90% and 1 district, Joe Gqabi, report recovery rates less than 90%.
- There is a need to strengthen identification of suspected cases, collection specimens for COVID-19 testing, isolation of cases and quarantining of contacts. Promoting compliance to non-pharmaceutical interventions remains a central strategy in preventing further spread of infections in communities.

3. SARS-Cov-2 CASES & DEATHS

3.1. Summary of all cases and deaths

On the 15th of February 2021, about **74** new cases and **15** deaths (**6** occurred in the last 48 hours) were reported. The cumulative number of cases and deaths were **193,487** and **11,165** respectively.

	No. of cases	New Cases	Total	%	Deaths	New Deaths		Total	CFR
						*Newly Reported	**Newly occurred		
Male	76454	30	76484	39,5	4769	5		4774	6,2
Female	116759	44	116803	60,4	6381	4	6	6391	5,5
Unknown	200		200	0,1	0			0	0,0
Total	193413	74	193487	100,0	11150	9	6	11165	5,8

* Deaths which occurred more than 48 hours ago ** Deaths which occurred within the last 48 hours of reporting

The provincial case fatality rate (CFR) was reported as 5.8%, with a CFR of 6.2% among males and 5.5% among the female population. Clinical audits in hospitals are vital and provide valuable information to estimate the burden of disease.

District	Cases	New Cases	Total Confirmed	Recoveries	Deaths	New Deaths		Total Deaths	CFR%	Recovery Rate	Active Cases
						*Newly Reported	**Newly occurred				
Alfred Nzo	7907	4	7911	7398	420	0	0	420	5,3	93,5	93
Amathole	19210	10	19220	18017	1089	0	0	1089	5,7	93,7	114
BC Metro	38555	10	38565	36092	2321	0	2	2323	6,0	93,6	150
Chris Hani	19420	3	19423	17845	1481	0	0	1481	7,6	91,9	97
Joe Gqabi	7413	9	7422	6984	390	5	3	398	5,4	94,1	40
NM Metro	55151	22	55173	51745	3285	1	1	3287	6,0	93,8	141
OR Tambo	22367	8	22375	20993	1323	3	0	1326	5,9	93,8	56
S Baartman	21676	6	21682	20805	841	0	0	841	3,9	96,0	36
Imported	599	0	599	598	0			0	0,0	99,8	1
Unspecified	1115	2	1117	1098	0			0	0,0	98,3	19
E. Cape	193413	74	193487	181575	11150	9	6	11165	5,8	93,8	747

* Deaths that occurred more than 48 hours ** Deaths which occurred within the past 48 hours of reporting

In the past 24 hours, 74 new cases were reported; Nelson Mandela Metro (29.7%), Amathole (13.5%), Buffalo City Metro (13.5%), Joe Gqabi (12.2%), Chris Hani (34.8%), OR Tambo (10.8%), Sarah Baartman (8.1%), Alfred Nzo (5.4%) and Chris Hani (4.1%).

Of the 747 active cases, Buffalo City Metro accounted for 20.1%, Nelson Mandela Metro (18.9%), Amathole (15.3%), Chris Hani (13.0%), Alfred Nzo (12.4%), OR Tambo (7.5%), Joe Gqabi (5.4%) and Sarah Baartman (4.8%). The overall provincial recovery rate was 93.8%. All 8 districts reported a recovery rate greater than 90%.

3.2. Newly diagnosed cases

Figure 1 provides the 7-day moving average of newly reported cases by district comparing a period of weeks, 03rd - 09th Feb 2021 and 10th – 16th Feb 2021.

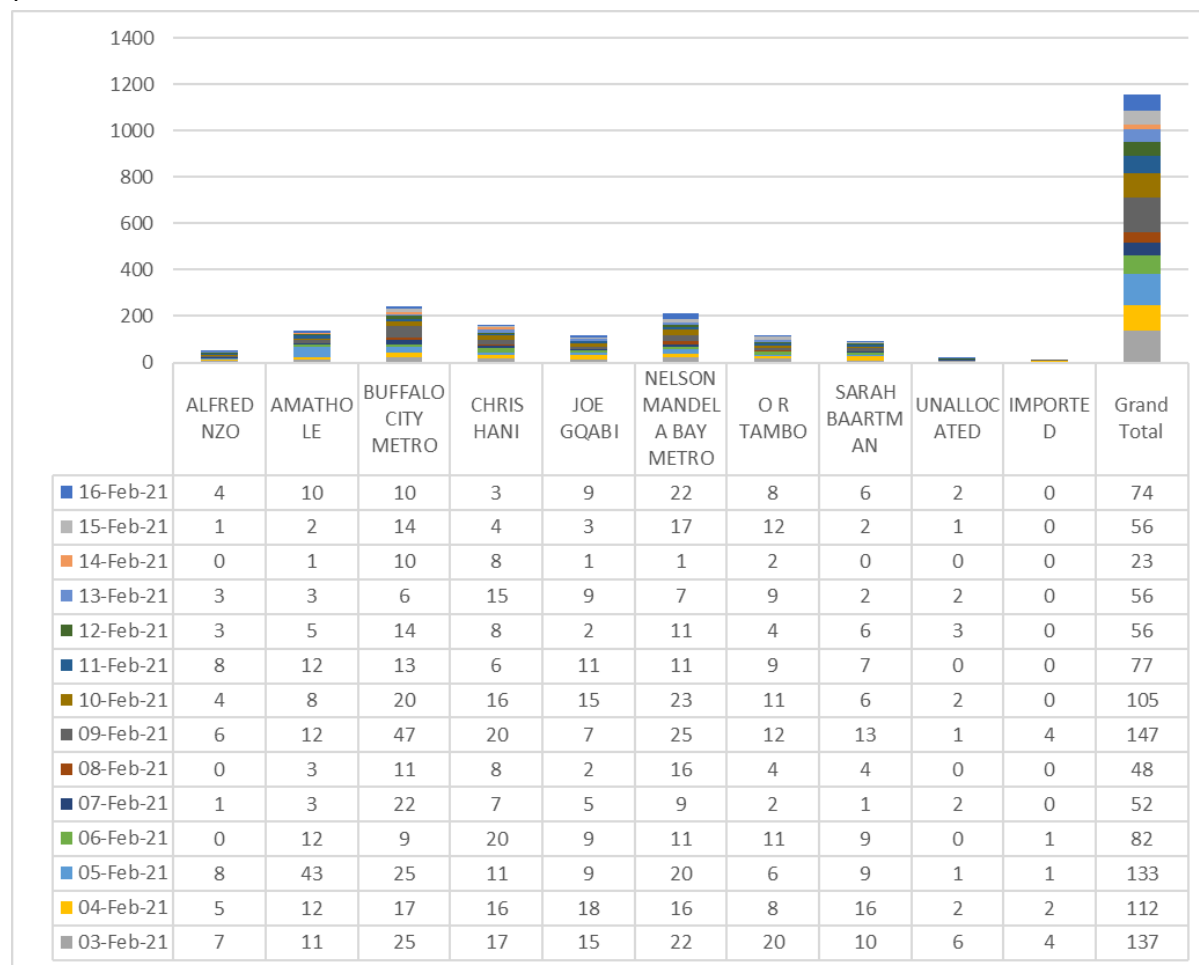


Fig. 1. Number of daily newly reported SARS-Cov-2 cases by district, as on 17th Feb. 2021

4. SARS-Cov-2 LAB TESTS & RESULTS

4.1. Test Results by Laboratory

The number of specimens tested by public and private sector laboratories was 867,351. About 62.9% of the tests were done in the public sector and 37.1% in private sector laboratories.

	Private	Public	Total	%
Alfred Nzo	2449	27311	29 760	3,4
Amathole	8339	69475	77 814	9,0
BC Metro	30821	93358	124 179	14,3
Chris Hani	6866	54456	61 322	7,1
Joe Gqabi	1281	26108	27 389	3,2
NMB Metro	35290	126163	161 453	18,6
OR Tambo	16631	66261	82 892	9,6
Sarah Baartman	3764	82677	86 441	10,0
Unclassified	216101	0	216 101	24,9
Eastern Cape	321542	545809	867 351	100,0

4.2. Antigen Testing

The total number of specimens tested using the antigen testing method, was 63, 967 with a 0.5% positivity rate.

	Negative	Positive	Total	Percentage (%)	Positivity Rate (%)
A Nzo	5317	917	6234	9,7	14,7
Amathole	3307	599	3906	6,1	15,3
BC Metro	7980	1588	9568	15,0	16,6
Chris Hani	6372	1131	7503	11,7	15,1
Joe Gqabi	2202	464	2666	4,2	17,4
NM Metro	17414	1262	18676	29,2	6,8
OR Tambo	9477	1337	10814	16,9	12,4
Sarah Baartman	4307	293	4600	7,2	6,4
Total	4214	292	63967	100,0	0,5

The Nelson Mandela Metro district accounted for 29.2%, followed by OR Tambo (16.9%), Buffalo City Metro (15%), Chris Hani (11.7%), Alfred Nzo (9.7%), Sarah Baartman (7.2%), Amathole (6.1%), and Joe Gqabi (4.2%). Proportion of specimens testing positive for SARS-Cov-2 using the Rapid Antigen Method was 0.5%, with Joe Gqabi (17.4%), Buffalo City Metro (16.6%), Amathole (15.3%), Chris Hani (15.1%), Alfred Nzo (14.7%), and OR Tambo (12.4%).

4.3. Tests by age group and sex

The following figure 3 provides the number of tests done by age group. The economically active age group (20 to 59 years) accounted for the majority of tests conducted (>63%).

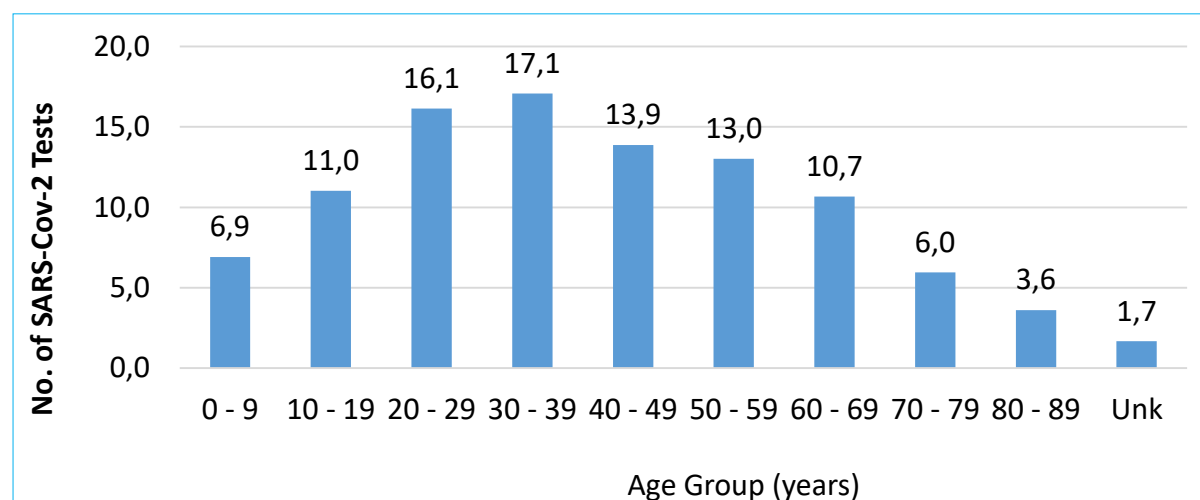


Fig. 2. Public sector SARS-Cov-2 tests by age group, as on 16th Feb. 2021

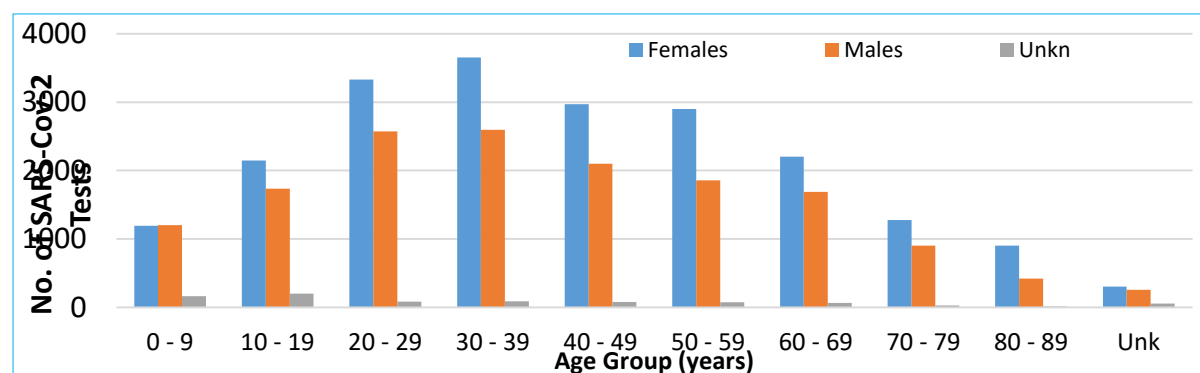


Fig. 3. No. of SARS-Cov-2 public sector tests by age group and gender, as on 16th Feb. 2021

Figure 3 provides the number of tests conducted in the public sector by age group and gender between the 02 January 2021 and 15 February 2021. The female population accounted for 56.3% and male population accounted for 41.3% of the positive tests. About 2.4% lacked information on gender.

4.4. Turnaround Time

The turnaround time is used as a key performance indicator of the laboratory performance. The table below provides the turnaround time in both public and private laboratories that was reported by NICD.

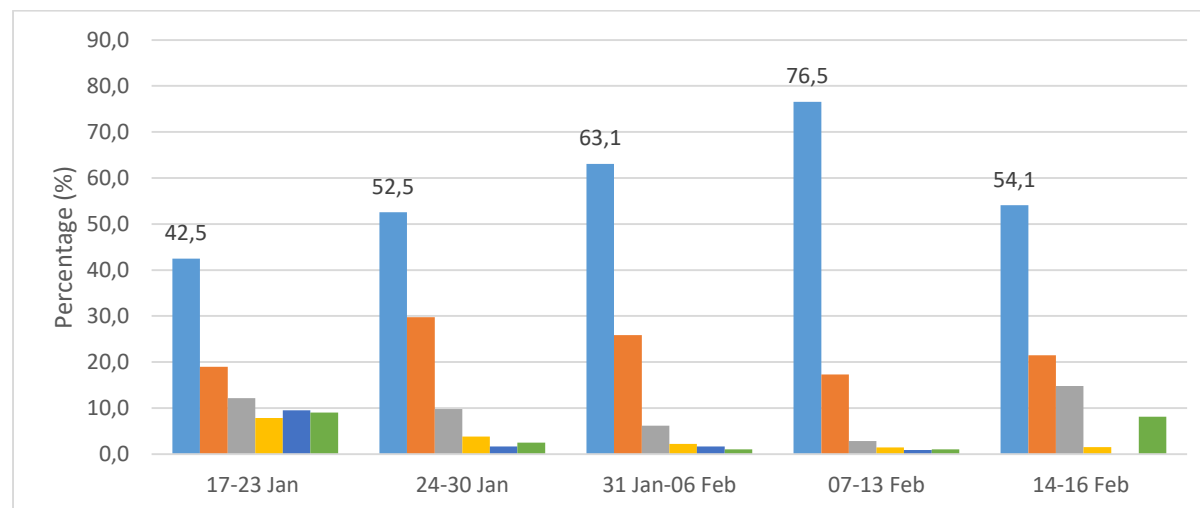


Fig. 4. Turnaround time for positive results by week as on 16th Feb. 2021

The period between 07-13 February, 76.5% of the test results were available within 24 hours. On the 14th-16th February just over 53% of test results were available within 24 hours.

4.5. The 7-day moving average of SARS-Cov-2 tests & positivity rate

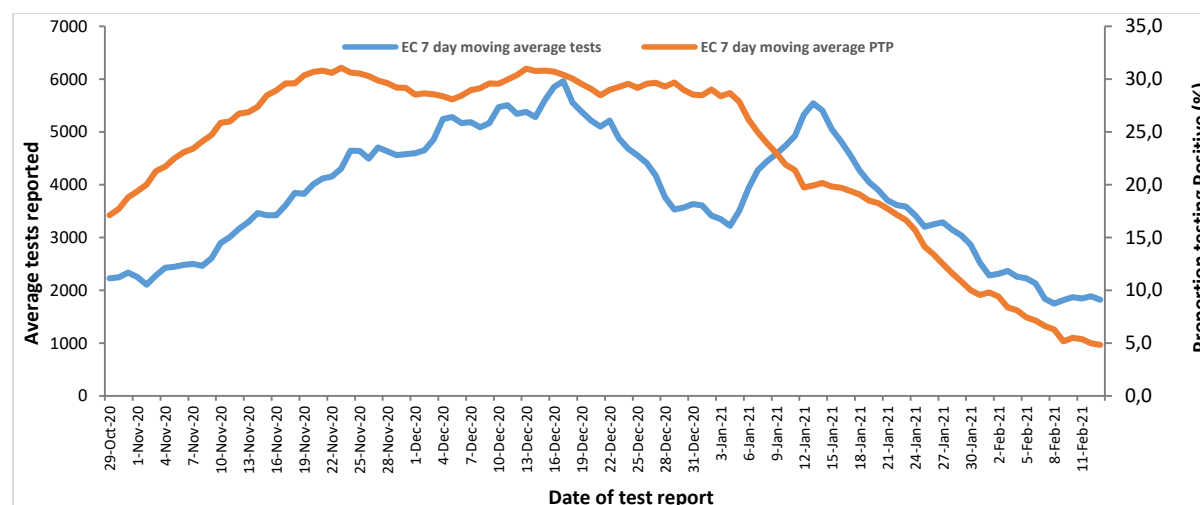


Fig. 5. 7-day moving average for laboratory tests and positivity rate, as on 14th Feb. 2021

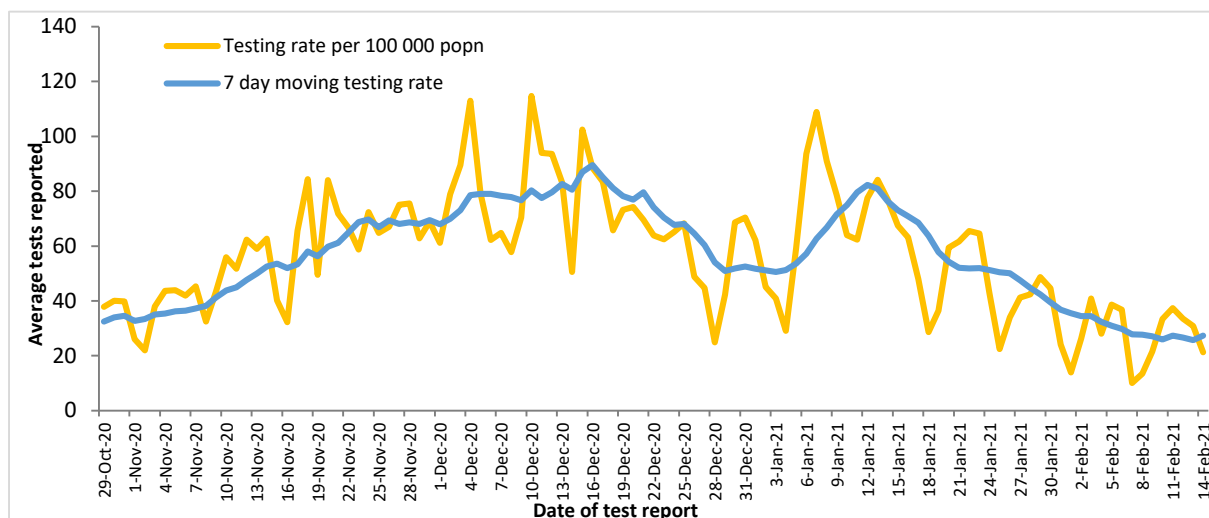


Fig. 6. The 7-day moving average for tests and testing rate, as on 14th Feb. 2021

The seven-day moving average and testing rate has decreased from 28 tests conducted per 100,000 on 07 February to 27 tests per 100,000 on 14 February 2021.

5. ACTIVE CASES, INCIDENCE & POSITIVITY RATE

5.1. Active SARS-Cov-2 cases and the cumulative positivity rate

District	Population Estimates	Number of tests	SARS-Cov-2 Cases (ALL)	Active SARS-Cov-2 Cases	SARS-Cov-2 per 100,000 (Active)	Cumulative Positivity Rate
Alfred Nzo	827826	29 760	7911	93	11,2	26,6
Amathole	798067	77 814	19220	114	14,3	24,7
BC Metro	798798	124 179	38565	150	18,8	31,1
Chris Hani	733743	61 322	19423	97	13,2	31,7
Joe Gqabi	343075	27 389	7422	40	11,7	27,1
NM Metro	1210803	161 453	55173	141	11,6	34,2
OR Tambo	1520922	82 892	22375	56	3,7	27,0
S Baartman	480223	86 441	21682	36	7,5	25,1
Imported			599	1		
Unspecified		216 101	1117	19		
Eastern Cape	6713457	867351	193487	747	11,1	22,3

The province reported 11,1 active cases per 100 000 populations as of 17 February 2021. The cumulative positivity rate was 22.3%. Three districts reported a cumulative positivity rate above 30%. The Buffalo City Metro district reported the highest incidence of active cases; 18.8 active cases per 100,000 population, followed by Amathole (14.3), Chris Hani (13.2), Joe Gqabi (11.7), Nelson Mandela Metro (11.6), and Alfred Nzo (11.2) active cases per 100,000 population.

5.2. Incidence of SARS-Cov-2 cases

The incidence of SARS-Cov-2 is above the hotspot threshold (10 cases per 100,000 population) in all districts. Since week 2 there has been a decrease in incidence in all districts.

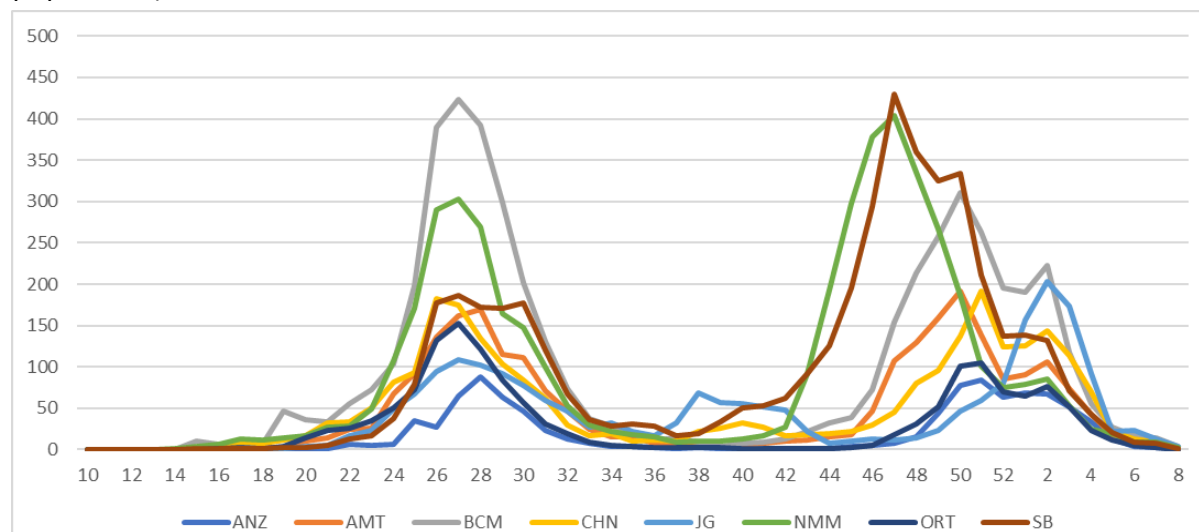


Fig. 7. Incidence of SARS-Cov-2 cases by epidemiological week, as on 17th Feb. 21

In the past 7 days, the incidence of SARS-Cov-2 decreased from 31.1 cases per 100,000 on the 11th of February to 11.1 per 100,000 on the 17th February (Figure 8). All the districts reported less than 100 active cases per 100,000 populations.

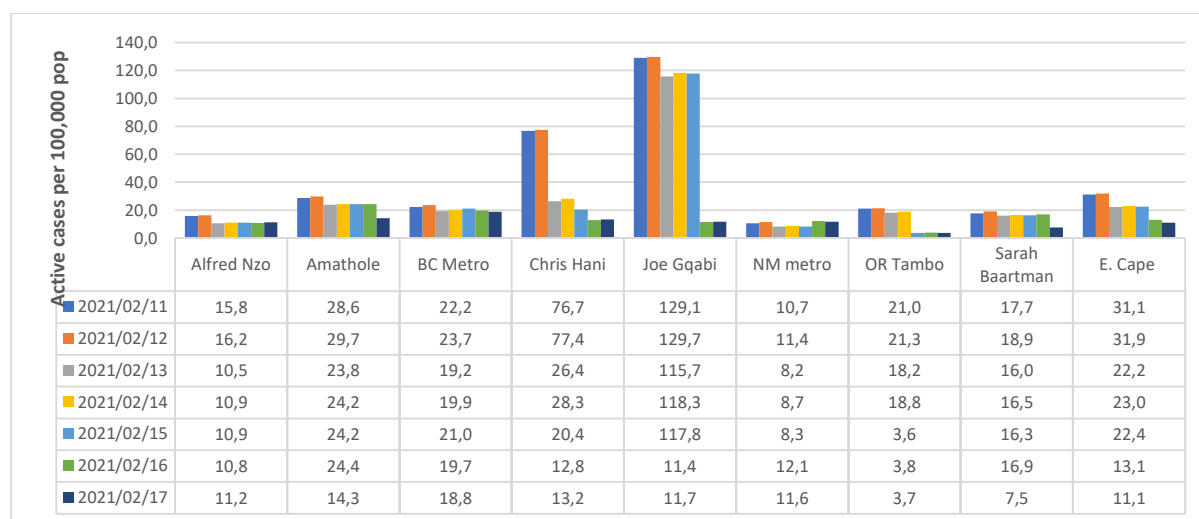


Fig. 8. Incidence of active SARS-Cov-2 (per 100,000) by district date, as on 17th Feb. 2021

5.3. Recovery Rate (%)

The figure below provides the recovery rate over a period of 7 days for each district.

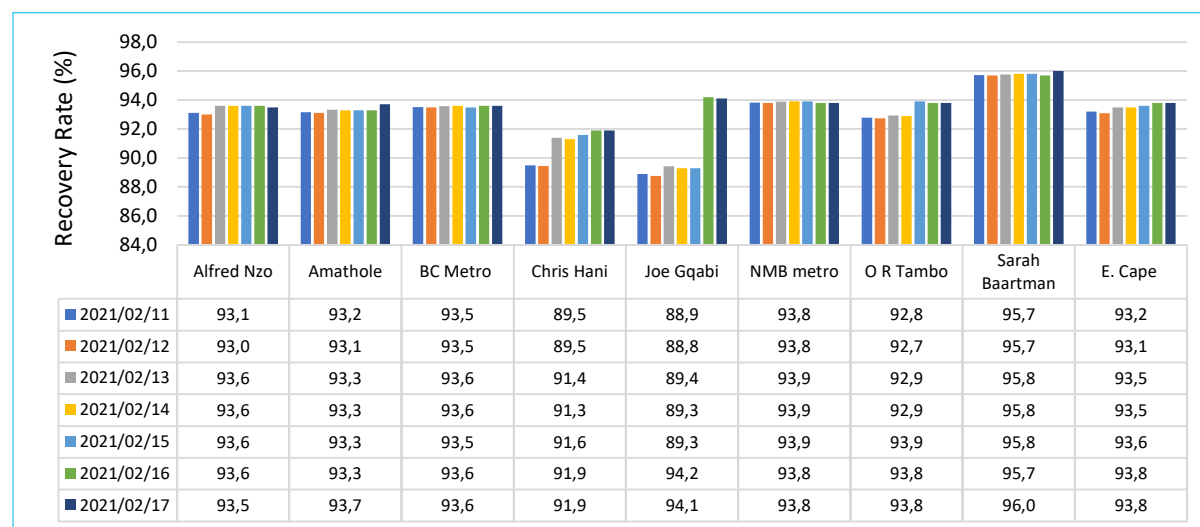


Fig. 9. Recovery Rate (%) by districts, as on the 17th Feb. 2021 (N=181,575)

The provincial recovery rate remained above 90% over the past 7 days. All the districts reported a recovery rate above 90%.

5.4. Mapping of active cases, recoveries and deaths

The map shows the distribution of active cases, recoveries and deaths related to SARS-Cov2 in the province.

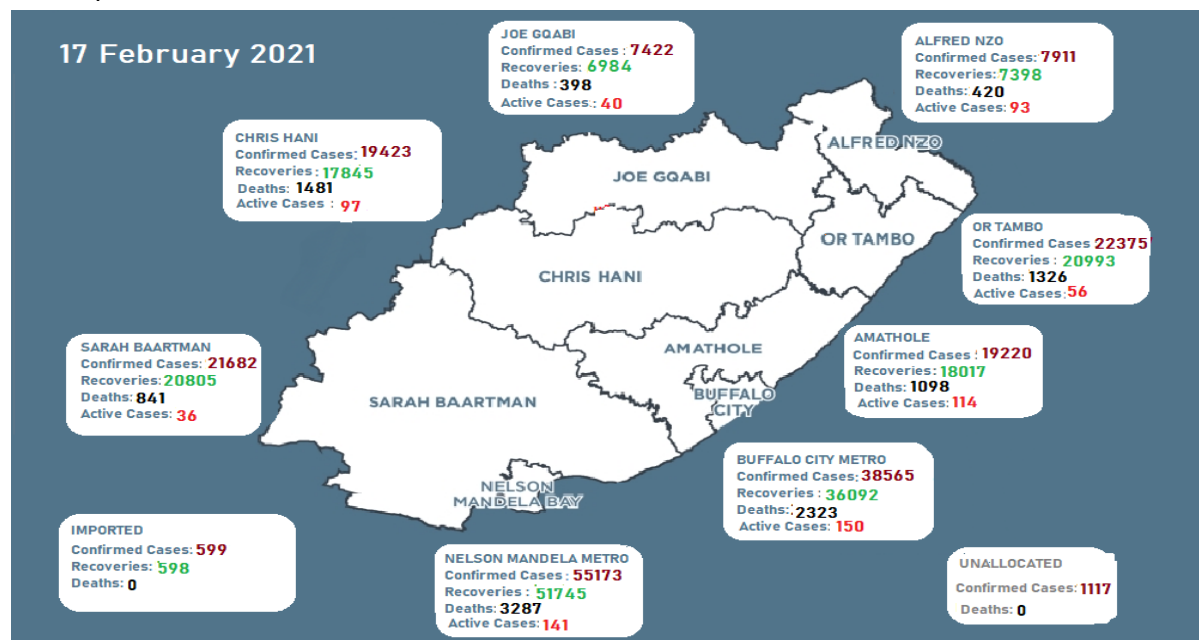


Fig. 10. Number of Covid-19 cases, recoveries and deaths, as on 17th Feb. 2021

6. SARS-COV-2 CASES AND 7-DAY MOVING AVERAGE

The graph below depicts the total number (including cumulative) of cases and the 7-day moving average.

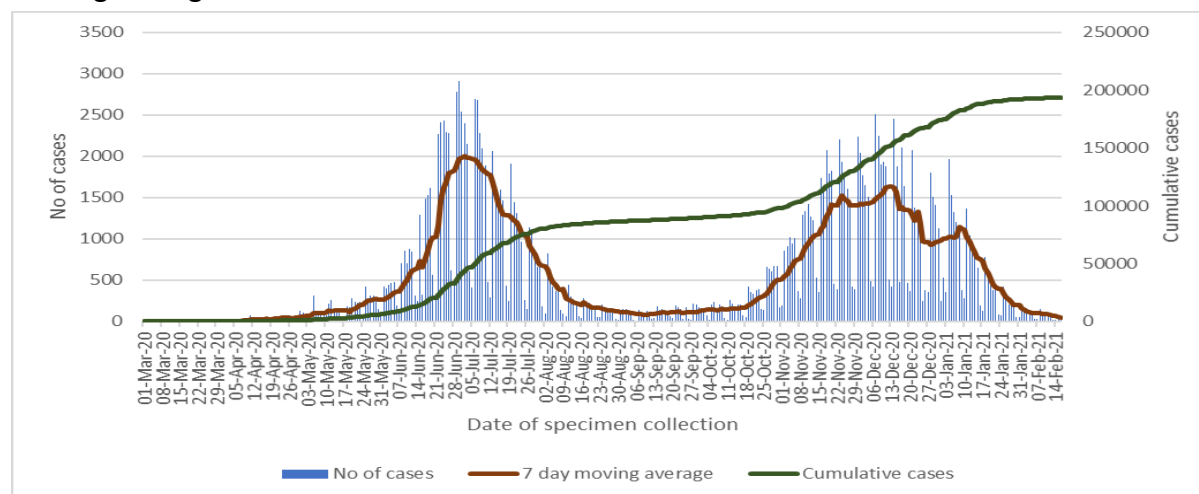


Fig. 11. The 7-day moving average for COVID-19 cases by date of specimen collection (17th Feb. 2021)

The number of daily newly diagnosed cases increased from the second half of October and peaked in the mid-December, and then decreased until to date. However, the cumulative number continues to show an upward trend.

7. SARS-Cov-2 RELATED MORTALITY

7.1. SARS-Cov-2 related deaths

The table below provides the total number of cases, deaths and mortality rate by the month.

Month	Cases	Percent (%)	Deaths	Percent (%)	Case Fatality Rate (%)	Mortality Rate (per 100,000)
March	13	0.0	1	0.0	7.7	0.0
April	638	0.3	35	0.3	5.5	0.5
May	3282	1.7	285	2.6	8.7	4.2
June	23793	12.3	1035	9.3	4.4	15.4
July	50290	26.0	2031	18.2	4.0	30.3
August	8279	4.3	666	6.0	8.0	9.9
September	2991	1.5	213	1.9	7.1	3.2
October	8625	4.5	287	2.6	3.3	4.3
November	33706	17.4	1707	15.3	5.1	25.4
December	42471	22.0	2754	24.7	6.5	41.0
21-Jan	18128	9.4	1850	16.6	10.2	27.6
21-Feb	1271	0.7	156	1.4	12.3	2.3
Unknown	0	0.0	145	1.3		2.2
Total	193487	100	11165	100	5.8	166

The month of December accounts for the second highest proportion of cases (22%) and the highest proportion of SARS CoV-2 related deaths (24.7%). The Case Fatality Rate was highest in January 2021 reporting a CFR of 10.2% when compared with other full months.

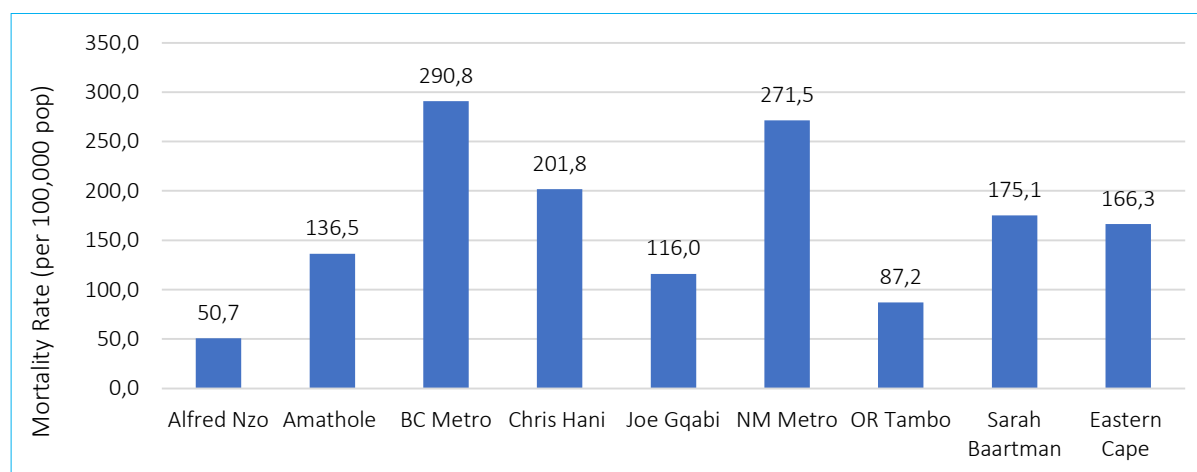


Fig. 12. SARS-Cov-2 related mortality per 100,000 by district, as on 17th Feb. 2021

The mortality rate related to SARS-Cov-2 was 166.3 deaths per 100,000 populations. The highest mortality rate was observed in Buffalo City Metro (290.8 deaths per 100,000) followed by Nelson Mandela Metro (271.5 deaths per 100,000), Chris Hani (201.8 per 100,000) and Sarah Baartman (175.1 per 100,000).

7.2. Number of reported SARS-Cov-2 related deaths

The figure below depicts the daily deaths and the cumulative number of deaths.

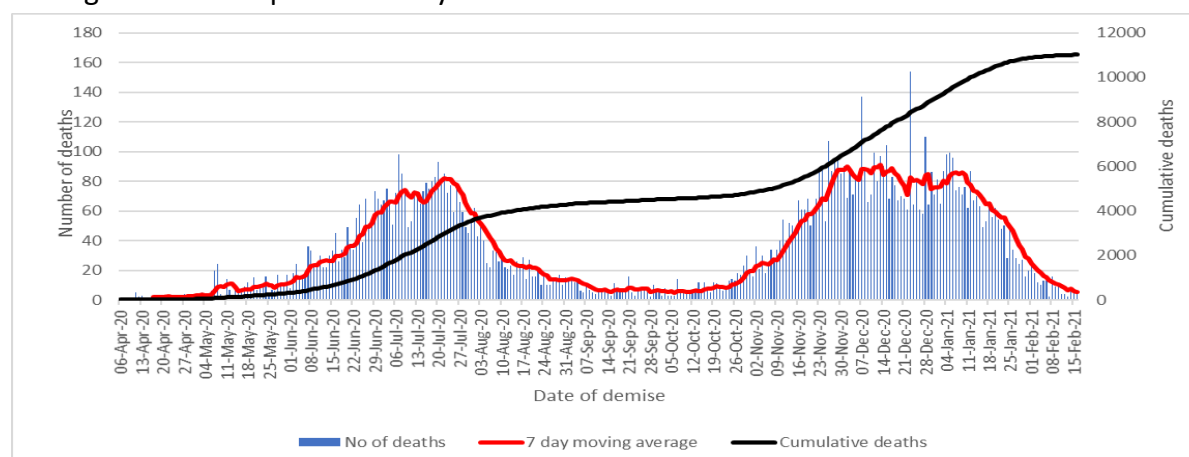


Fig. 13. Daily and cum. SARS-Cov-2 related deaths by date of demise, as on 17th Feb. 2021

The number of daily deaths increased since May 2020 and peaked on the 20th July 2020, then rapidly declined in August and October. In last week of October, the number of deaths increased and peaked in mid-December. The cumulative number of deaths continues to increase until to date.

7.3. Case Fatality Rate by district

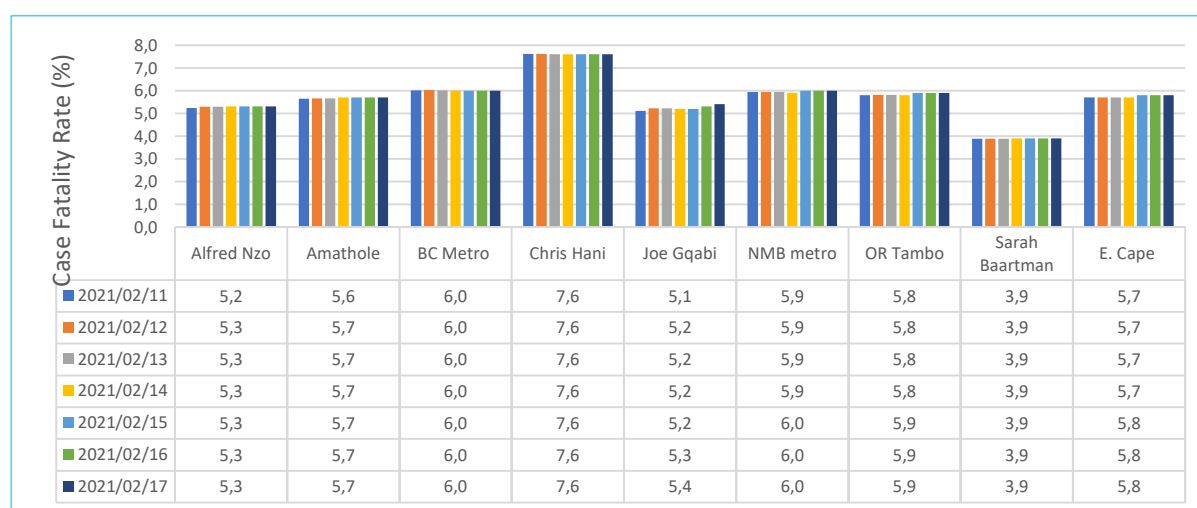


Fig. 14. SARS-Cov-2 Case Fatality Rate (%) by district, as on 17th Feb. 2021 (N=11,165)

The case fatality rate has remained the same (5.7%) over the last five days from 08th Feb to 14th Feb 2021 and increased to 5.8% since the 15th Feb 2021. The Chris Hani district reported the highest case fatality rate of 7.6%, followed by Buffalo City Metro (6.0%), Nelson Mandela Metro (6.0%), OR Tambo (5.9%), Amathole (5.7%), Joe Gqabi (5.4%), Alfred Nzo (5.3%) the lowest being Sarah Baartman by 3.9%.

7.4. Case Fatality Rate by age group

The figure below provides the case fatality rate for both males and females.

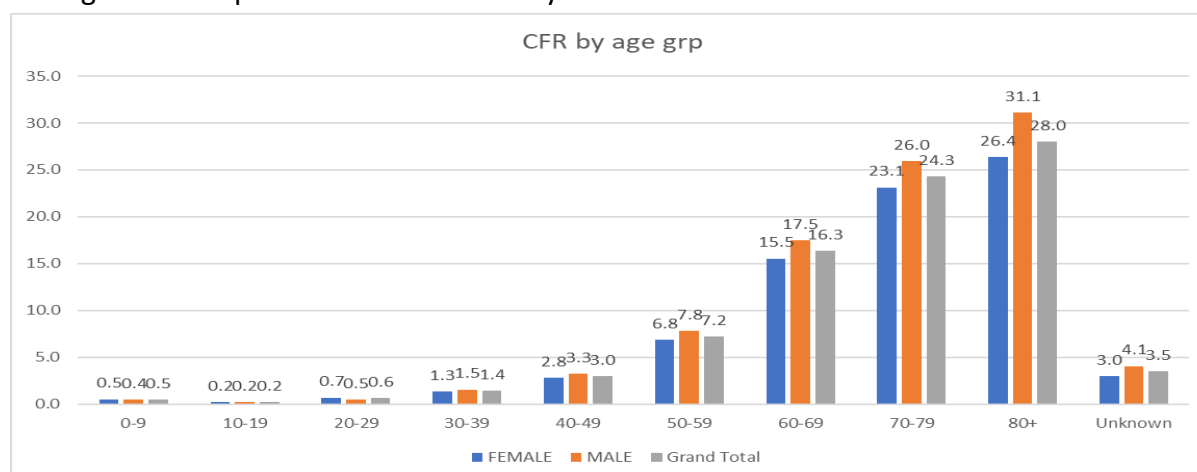


Fig. 15. SARS-Cov-2 related Case Fatality Rate (%) by age group, as on 16th Feb. 2021

The case fatality rate increases with an increasing age. Since the beginning of the pandemic, the younger population had a low case fatality rate compared to the older population that had an increased case fatality rate. The male population had a higher case fatality rate compared to the female population.

7.5. Post-mortem testing

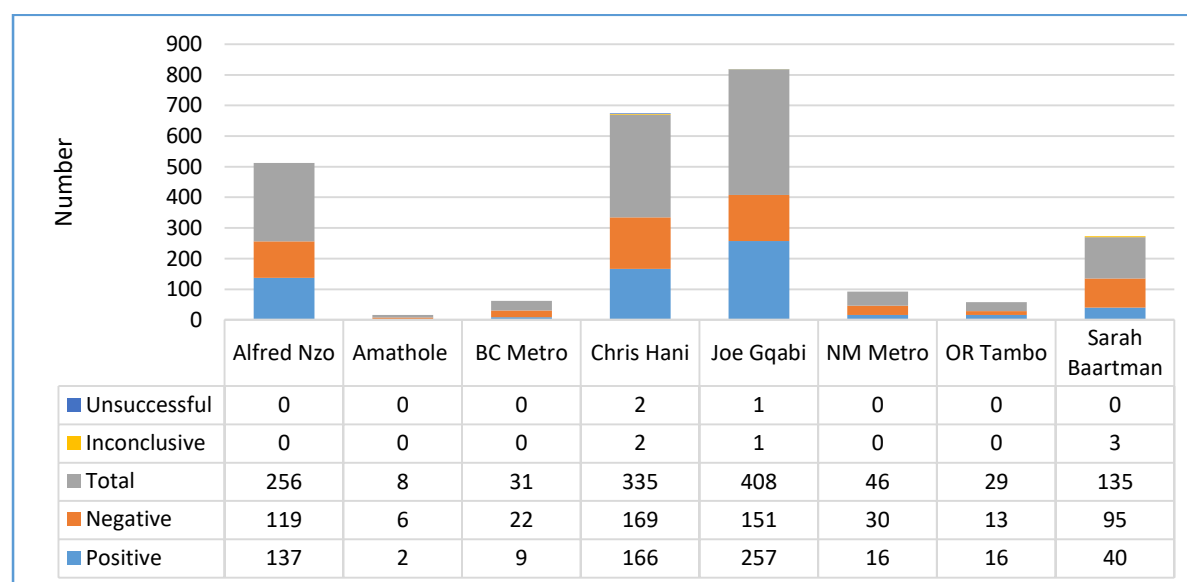


Fig. 16. No. of post mortem test results by district, as on 12 Feb. 2020 (Tests=1248)

More than 51% of the 1248 post-mortem tests (PMTs) which done in the province tested positive for SARS-Cov-2. Most of the post mortem tests were conducted in Joe Gqabi (32.7%), Chris Hani (26.8%) and Alfred Nzo districts (20.5%).

7.6. Deaths by health facilities

The figure below provides the number of deaths by hospital or place. Only hospitals or places with a minimum of 24 deaths are included in the figure below.

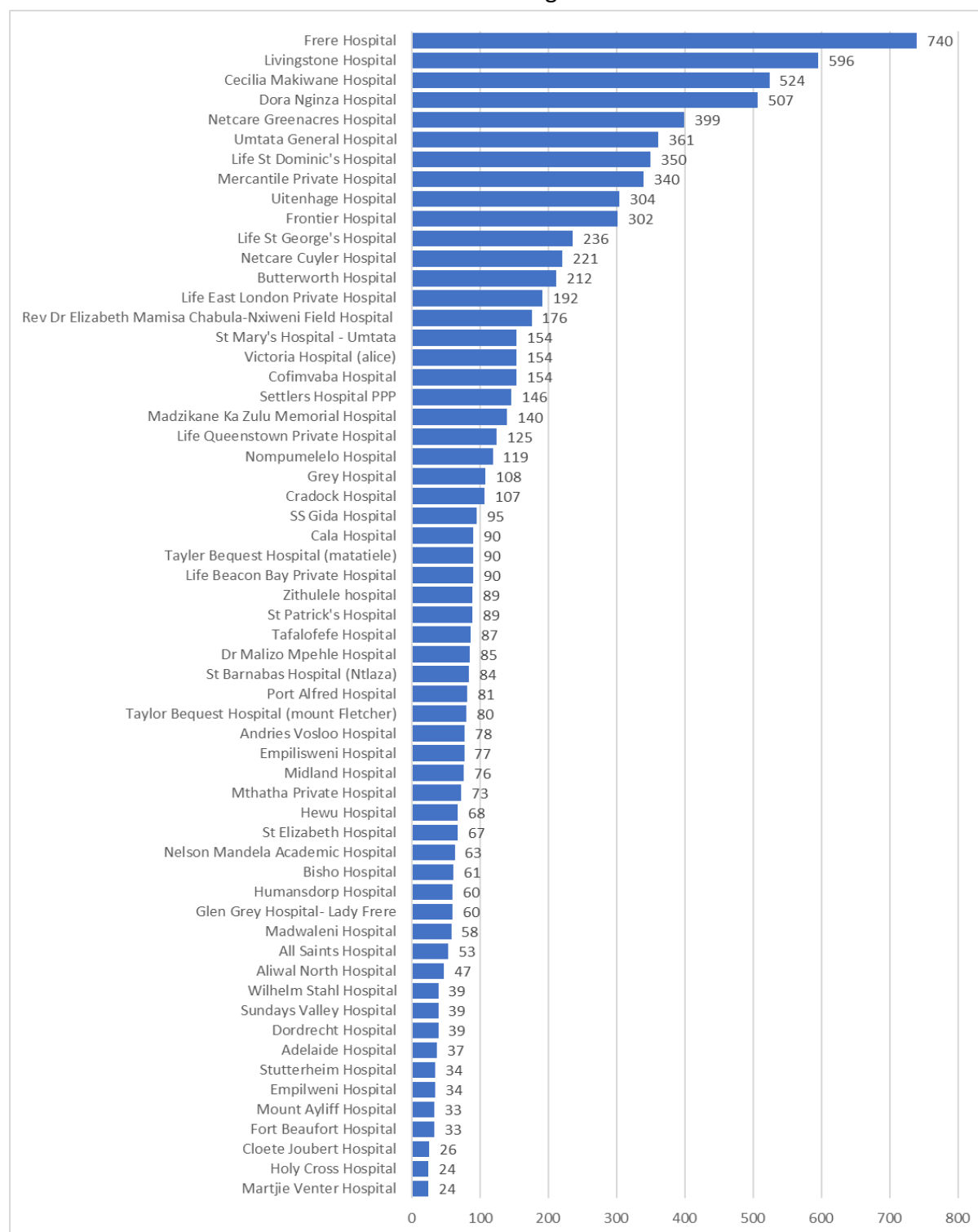


Fig. 17. No. of SARS-Cov-2 related deaths by the facility, as on 15th Feb. 2021

Livingstone Hospital (8.1%), Dora Nginza Hospital (6.5%) and Life St Dominic's Private Hospital (5.7%) recorded the three highest number of deaths in facilities (N=9084).

6. HEALTHCARE WORKERS

6.1. Cases and deaths among HCWs

The number of reported healthcare workers who tested positive for SARS-Cov-2 was 11,256 and 261 persons demised.

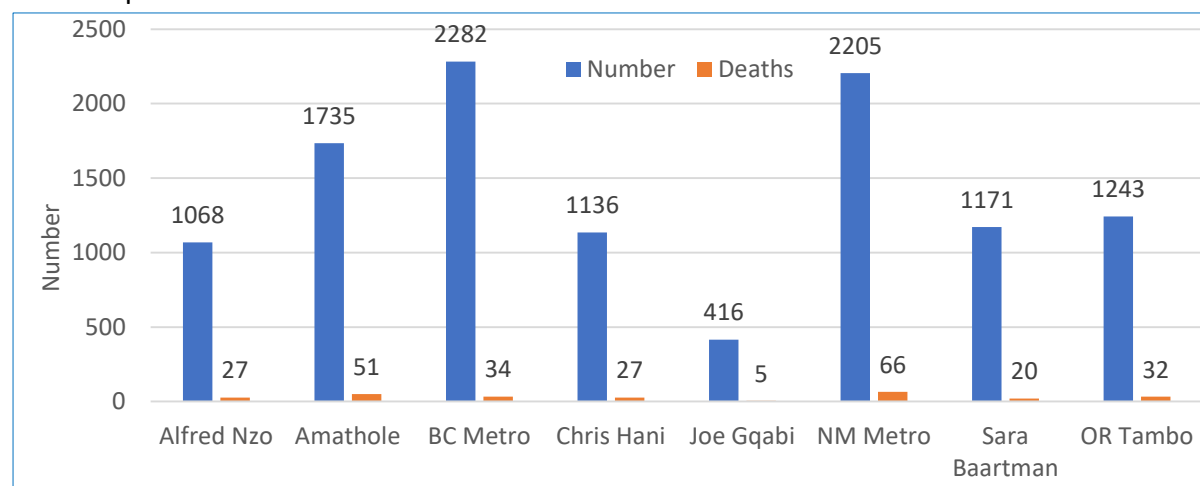


Fig. 18. SARS-Cov-2 positive Healthcare Workers, as on 16th Feb. 2021 (N = 11,256)

The number of healthcare workers who tested positive for SARS-Cov-2 in Buffalo City Metro was 2,282 (34 deaths), Nelson Mandela Metro 2,205 (66 deaths), Amathole 1,735 (51 deaths), Chris Hani 1,136 (27 deaths), OR Tambo 1243 (32 deaths), Sarah Baartman 1171 (20 deaths) and Alfred Nzo (1068 cases, with 27 deaths). The Joe Gqabi district (416 cases, with 5 deaths) reported least number of healthcare workers' infections and deaths.

6.2. SARS-Cov-2 Cases by job category

The table below provides the number of selected healthcare professionals employed by the State and SARS-Cov-2 cases by job categories, and the positivity rate of that job category.

	Number	Cases	Positivity Rate (%)
Admin	12434	738	5,9
Allied Professionals	3041	224	7,4
Doctors & Clinical Assoc	2369	431	18,2
Nurses	20650	4609	22,3
Emergency Medical Services	2498	295	11,8

The positivity rate among the nurses was 22.3%, followed by doctors and clinical associates (18.2%), allied professionals (7.4%), EMS (11.8%), and admin personnel (5.9%). The positivity rates among healthcare workers have a negative impact on patient safety, staff morale and confidence, and the capacity of the State to provide quality health services to the population.

6.3. Case Fatality Rate (%) among HCWs

The figure below provides the cases fatality rate among all healthcare workers.

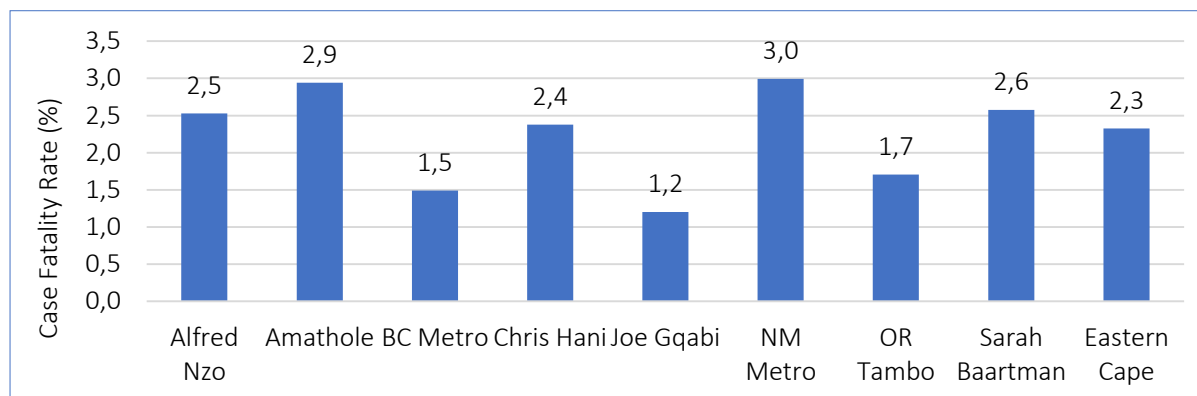


Fig. 19. SARS-Cov-2 Case Fatality Rate (%) among HCWs, as on 16th Feb. 2021 (N=262)

The case fatality rate among healthcare workers was 2.3%. Nelson Mandela Metro, Amathole, Alfred Nzo, Chris Hani and Sarah Baartman had each more than 2% of the healthcare workers succumbing to SARS-Cov-2, Buffalo City Metro (1,5%). The lowest case fatality rate was observed in Joe Gqabi (1.2%).

7. Hospitalization and outcomes

7.1. Admissions and outcomes

The cumulative number of SARS-Cov-2 hospitalizations is 31,181 (DATCOV).

Table 7: No of hospitalisation by district as on 17 February 2021				
District	Private	Public	Grand Total	Percentage
Alfred Nzo	1662	91	1753	5,6%
Amathole	2334	0	2334	7,5%
Buffalo City Metro	4245	3062	7307	23,4%
Chris Hani	2528	731	3259	10,5%
Joe Gqabi	685	0	685	2,2%
Nelson Mandela Bay Metro	6629	4364	10993	35,3%
O R Tambo	2261	869	3130	10,0%
Sarah Baartman	1584	136	1720	5,5%
EC	21928	9253	31181	100,0%

Of the reported hospitalizations, 21,928 (70.3%) occurred in public sector and 9,253 (29.7%) in private sector health facilities. The metros account for about 58.7% of total admissions.

Table 8 : No of hospitalisation and Outcomes as on 17 February 2021			
Eastern Cape	Public	Private	Total
Cumulative Admissions	21928	9253	31181
Died	7032	2233	9265
Discharged Alive	13059	6789	19848
Transferred Out	1484	30	1514
Currently Admitted	300	195	495
In ICU	5	62	67
In High Care	27	14	41
In General	268	119	387
On Oxygen	144	58	202
Ventilated	4	26	30

More than 63.7% of hospitalized patients were discharged alive and 65.8% of the reported discharges were from the public sector. Over 29.7% hospitalized cases demised due to SARS-Cov-2 related causes with 75.9% of those reported deaths occurring in public sector facilities. Of the 495 current admissions, about 78.2% were admitted in the general ward, 13.5% in ICU and 8.3% in High Care. About 40.8% of current admissions were on oxygen and 6.1% were on ventilation.

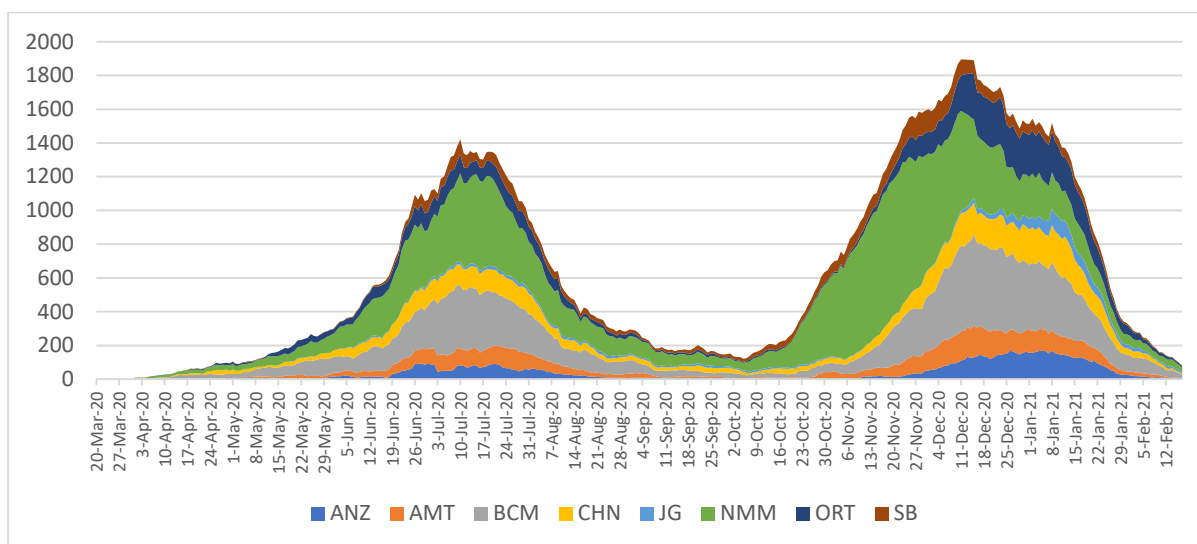


Fig. 20. Average (7 day moving) daily admissions, Eastern Cape Health Facility Districts, as on 17th Feb. 2021 (DATCOV)

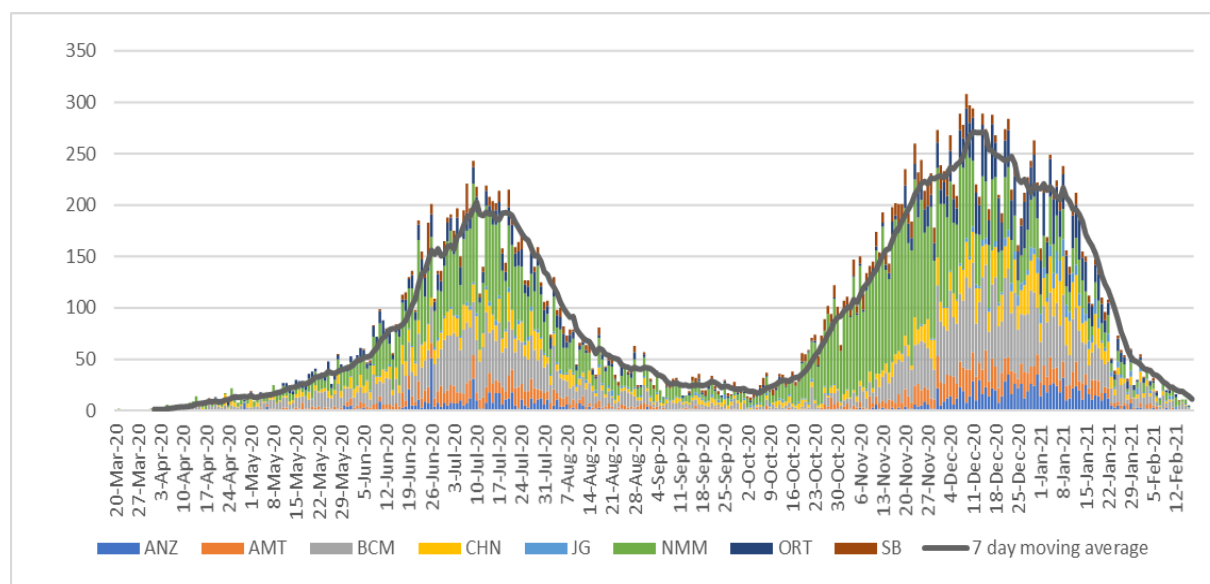


Fig. 21. No. of hospitalizations by date of admission for each district, as on 17th Feb. 2021

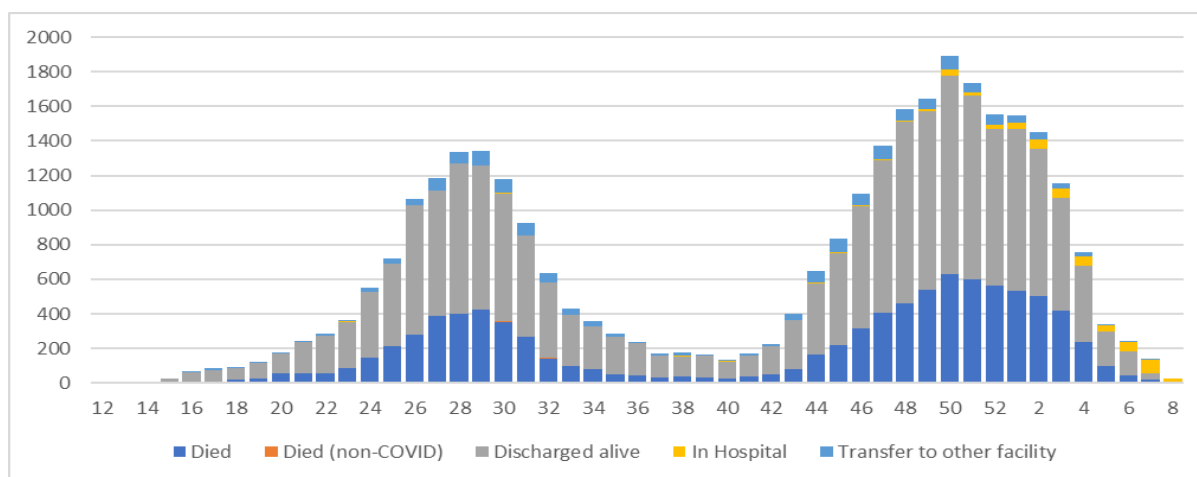


Fig. 22. Hospitalizations & outcomes by admission week, as on 17th Feb. 2021 (DATCOV)

The number of currently hospitalized patients remained high during the last part of the year and started to decline thereafter (Figure 20 & 21).

7.2. Co-morbidities among admitted cases and deaths

The most common co-morbidities among the hospitalized SARS-Cov-2 patients were hypertension (36.7%) and diabetes (24.5%) among hospitalized SARS-Cov-2 cases. Two other co-morbidities which were common include HIV (6.7%) and obesity (5.2%).

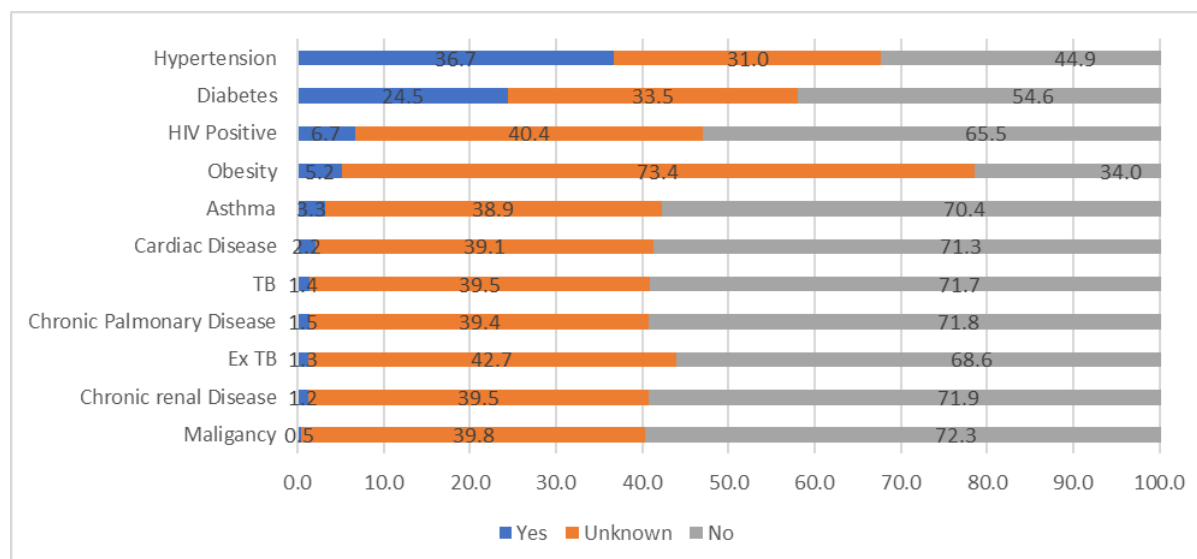


Fig. 23. Co-morbidities among SARS-Cov-2 hospitalizations, as on 17th Feb. 2021 (DATCOV)

A significant percentage of hospitalized patients did not have co-morbidities. The concern was those cases, which lacked information on the existence of the co-morbidities. This may have resulted in the under-estimation of the burden of co-morbidities among hospitalized SARS-Cov-2 cases.

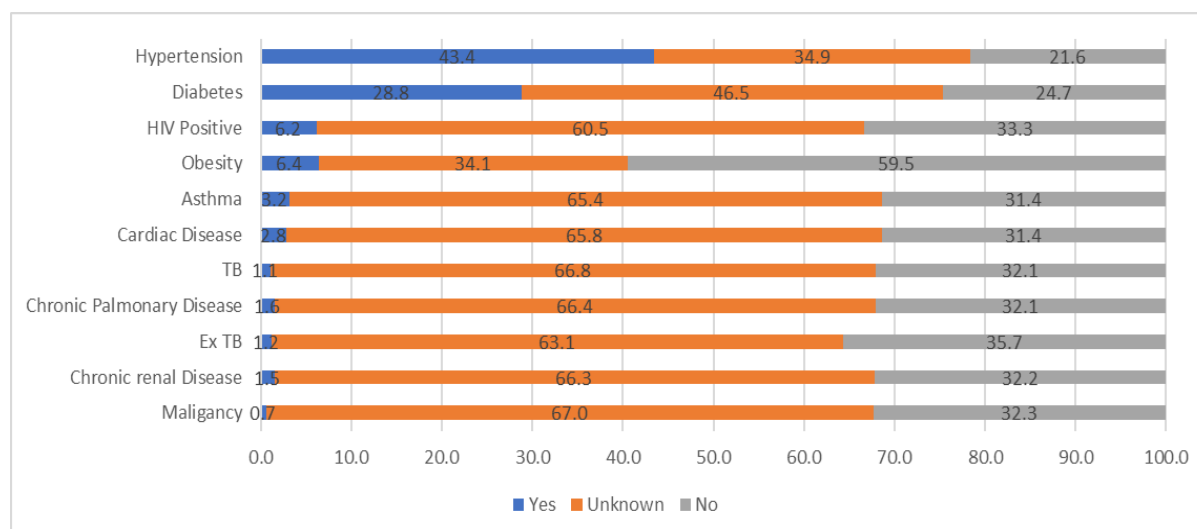


Fig. 24. Co-morbidities among SARS-Cov-2 cases who demised, as on 17th Feb. 2021 (DATCOV)

The most common comorbidities among those cases that demised in the hospital include hypertension (43.4%) and diabetes (28.8%). Four other co-morbidities are obesity (6.4%), HIV (6.2%), cardiac diseases (2.8%), and asthma (3.2%).

8. CONCLUSION

The burden of disease remains high in nearly all the districts but gradually decreasing. This may be due to the impact of the public health interventions, which were implemented in all the districts. Nearly half of the active cases were from BC Metro, Chris Hani and Amathole; and a quarter of the active cases are from OR Tambo and Alfred Nzo. Unfortunately, the number of deaths have significantly increased with the increase in the number of cases.

There are key issues, which require improvement;

- Strengthen surveillance of SARS-Cov-2 including collection and testing of specimens
- Prioritize contact tracing and monitoring to minimize the spread of the infections
- Isolate positive cases and quarantine contacts to minimize transmission
- Promote the use of prevention measures against SARS-Cov-2, i.e. wearing of masks, social distancing, and frequent handwashing



3 577 773

No Screened



863 923

Total Lab Tests



193 487

Positive Cases



181 575

Recoveries



11 165

Deaths

DISTRICT	TOTAL SCREENED	TOTAL TESTED	TOTAL CASES	RECOVERIES	DEATHS	ACTIVE CASES	AREAS
ALFRED NZO	694 706	29 685	7 911	7 398	420	93	Badibanise,Bhakubha,Bizana,Brooksnek,Cedarville,Chithwa,Dutyini,Emanxiweni,Ezinteteni,Kokstad,Lucingweni,Maluti, Mandileni , Matatiele,Mount Ayliff, Mount Frere , Ndantana, Ngcingo , Ntabakhulu, Sugar Bush, Tabankulu
AMATHOLE	658 126	77 603	19 220	18 017	1089	114	Adelaide, Alice, Bolotwa, Butterworth, Cathcart, Centane, Cuba, Debe Nek, Dikana, Elliotdale, Ethafeni, Frankfort, Fort Beaufort, Ibika, Idutywa, Keiskammahoek, Willowdale, Lower Mhangcolo,Debe Nek, Mgababa, Nyaniso, Peddie
BUFFALO CITY METRO	210 367	123 796	38 565	36 092	2323	150	Abbottsford, Amalinda , Beacon Bay, Bisho, Braelyn, Buffalo Flats, Dimbaza, Duncan Village, East London, Ginsberg, Gonubie, Greenfields, Haven Hills, King William's Town, Mamata, Mdantsane, Masingata, Mantlani, Nahoon, Ndevana, Needs Camp, Parkside, Selbourne, Sunnyridge, Sunset Bay,Tshatshu, Vincent, West Bank, Zwelitsha
CHRIS HANI	515 346	61 195	19 423	17 845	1481	97	Bankies, Dordrecht, Dukathole, Ekunene, Ezibeleni, Kwanobuhle, Mkwangele, Madeira Park, New Rest, Ngcobo, Ngonyama, Popcorn Valley, Qebe, Qoqodala, Queenstown, Sigadleni, Vaalbank, Sada, Middleburg, Thornhill, Ndazela, Mlungisi,Westbourne,Ntlonze, Maya Village,Ekuphumuleni, TopTown, Vleipoot, Zola
JOE GOABI	87 855	27 303	7 422	6 984	398	40	Aliwal North, Barkley East, Bhodi, Land Camp, Ugie, Inglewood, Maclear, Solomzi, Sunduza,Robbern,Venterstad
NELSON MANDELA METRO	856 883	160 959	55 173	51 745	3287	141	Algoa Park, Bethelsdorp, Bloemendal, Bluewater Bay, Boosens Park, Cotswold, Cuyler, Daleview, Despatch, Fernglen Port, Gelvandale, Govan Mbeki, Heath Park, Helenvale, Jacksonville, Joe Slovo, Kabega Park, Kamma Park, Kamvelihle, Khayalethu, Kleinskool, Kwa Dwesi, Kwa-Magxaki, Kwanobuhle, Kwanoxolo, KwaZakhele, Lovemore Heights, Missionvale, Motherwell, Mount Croix, New Brighton, Newton Park ,North End, Port Elizabeth, Rowallan Park, Salt Lake, Sardinia Bay, Schauderville, Sherwood, Silvertown, Soweto -On-Sea, Steve Tshwete, Summerstrand, Tamboville, Uitenhage, Veeplaas, Walmer, West End, Westering, Zwide, Lorraine, Hillside, Daleview
OR TAMBO	265 613	82 760	22 375	20 993	1326	56	Gomora, Lutatweni, Machibi, Majola, Mandilini ,New Payne Ngqeleni, Ntsimbini, Old Payne, Libode, Lusikisiki, Mqanduli, Tombo, Marhewini, Mpikwana,Bhongweni,Cibeni, Flagstaff,Magcakeni,Ngangelizwe, Ngqanda,Tyebelana, Pollar Park, Tabase Mission, Slovo Park, Southernwood, Waterfall Park, Zandukwana,Zimbane, Ziphonzana
SARAH BAARTMAN	288 877	86 348	21 682	20 805	841	36	Aberdeen,Alexandria, Graaf-Reinet, Grahamstown, Jeffrey's Bay, Jourbertina, Humansdorp, Parson, St. Francis Bay, Kirkwood, Lotusville, Bergendal, Bratenfel, Joza, Santaville, Somers East, Thornhill, Willomore
IMPORTED*	-		599	598	0	1	Bloemfontein, Ceres, Cape Town, Dunoon, Fishoek, George, Green Point, Gugulethu, Hout Bay, Langa, Khayelitsha, Knysna, Phillipi, Stellenbosch, Strand
PENDING	-	214 274	1117	1098	0	19	
GRAND TOTALS	3 577 773	863 923	193 487	181 575	11 165	747	

ACKNOWLEDGEMENTS

- The epidemiological and surveillance functions continue because of the strong partnership between the following stakeholders;
- World Health Organization with epidemiologists, biostatisticians, and technical support
- The National Institute for Communicable Diseases (NICD) provided the province with epidemiologists and technical support
- The data analyst from TB/HIV Care has supported data management, mapping of the cases and other functions in the department
- Right to Care assists in mapping the cases in different areas in the province
- Centre for Disease Control (Atlanta-Pretoria) provided the Department with an epidemiologist and a statistician to support the province
- The Department of Health, both the National and Provincial Department of Health re-purposed the employees to focus on the control and prevention of the pandemic
- Laboratories; National Health Laboratory Services, Pathcare and Ampath for prompt and regular reporting of SARS-Cov-2 cases.

Appendix 1: Incidence rate by Eastern Cape Districts and week of specimen collection as of 31 December 2020 Week 2 is interim data is incomplete and has been excluded.

