

# COVID-19 HOSPITAL SURVEILLANCE UPDATE



NATIONAL INSTITUTE FOR  
COMMUNICABLE DISEASES

Division of the National Health Laboratory Service

SOUTH AFRICA WEEK 1 2022

## OVERVIEW

This report summarises data of COVID-19 cases admitted to DATCOV hospital surveillance sites in all provinces. The report is based on data collected from 5 March 2020 to 8 January 2022.

## HIGHLIGHTS

- As of 8 January 2022, 483,089 COVID-19 admissions and 98,138 in-hospital deaths were reported to DATCOV from 666 facilities (407 public-sector and 259 private-sector) in all nine provinces of South Africa.
- In the fourth COVID-19 wave, dominated by the Omicron variant, there was an increase in admissions since week 45 and a decrease in admissions since week 50. The weekly admissions during the fourth wave have been lower than the numbers of admissions at the peak of the second and third waves in both private and public sectors.
- The number of admissions has decreased in all provinces in last week and decrease in all except Western Cape comparing two weeks to previous two weeks. Decreases in the most recent week may be due to delays in data submission.
- There has been a small increase in in-hospital COVID-19 deaths in both public and private sectors in all provinces since week 48. The weekly deaths during the fourth wave have been lower than the numbers of deaths at the peak of the prior three waves in both public and private sectors.

# COVID-19 HOSPITAL SURVEILLANCE UPDATE

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## METHODS

Data on hospitalisation was accessed from DATCOV, a hospital surveillance system for COVID-19 admissions, initiated on the 1 April 2020. A COVID-19 case was defined as a person with a positive reverse transcriptase polymerase chain reaction (RT-PCR) assay for SARS-CoV-2 or a person who had a positive SARS-CoV-2 antigen test who was admitted to hospital.

Data on SARS-CoV-2 cases diagnosed in public and private laboratories submitted to the NICD were reported from the line list on the NMCSS.

Case fatality ratio (CFR) was calculated for all closed cases, i.e. COVID-19 deaths divided by COVID-19 deaths plus COVID-19 discharges, excluding individuals who are still admitted in hospital. For the calculation of cumulative incidence risks, StatsSA mid-year population estimates for 2020 were utilised. For comparisons of change in admission, we used 14-day daily average admissions in the current 14-day period compared to the previous 14-day period.

Severity was defined as patients receiving oxygen or invasive ventilation, treated in high care or intensive care wards, developing acute respiratory distress syndrome, or died. While oxygen, ventilation and ward of stay variables are updated daily for all admissions in the private sector, there may be delays with the data being updated in the public sector. Also, as patients remain in hospital their condition may change and percentage of severity may change over time.

Data are submitted by public and private hospitals that have agreed to report COVID-19 admissions through DATCOV surveillance in all nine provinces of South Africa. On 15 July 2020, the National Health Council decided that all hospitals should report to DATCOV. As of 8 January 2022, a total of 666 facilities submitted data on hospitalised COVID-19 cases, 407 from public sector and 259 from private sector (Table 1). This reflects 100% coverage of all public and private hospitals that have had COVID-19 admissions. As new hospitals join the surveillance system, they have retrospectively captured all admissions recorded although there may be some backlogs in retrospective data capture.

**Table 1.** Number of hospitals reporting data on COVID-19 admissions by province and sector, South Africa, 5 March 2020-8 January 2022.

| Name of province    | Public     | Private    |
|---------------------|------------|------------|
| Eastern Cape        | 86         | 18         |
| Free State          | 35         | 20         |
| Gauteng             | 40         | 96         |
| KwaZulu-Natal       | 69         | 47         |
| Limpopo             | 41         | 7          |
| Mpumalanga          | 31         | 9          |
| North West          | 17         | 13         |
| Northern Cape       | 29         | 6          |
| Western Cape        | 59         | 43         |
| <b>South Africa</b> | <b>407</b> | <b>259</b> |

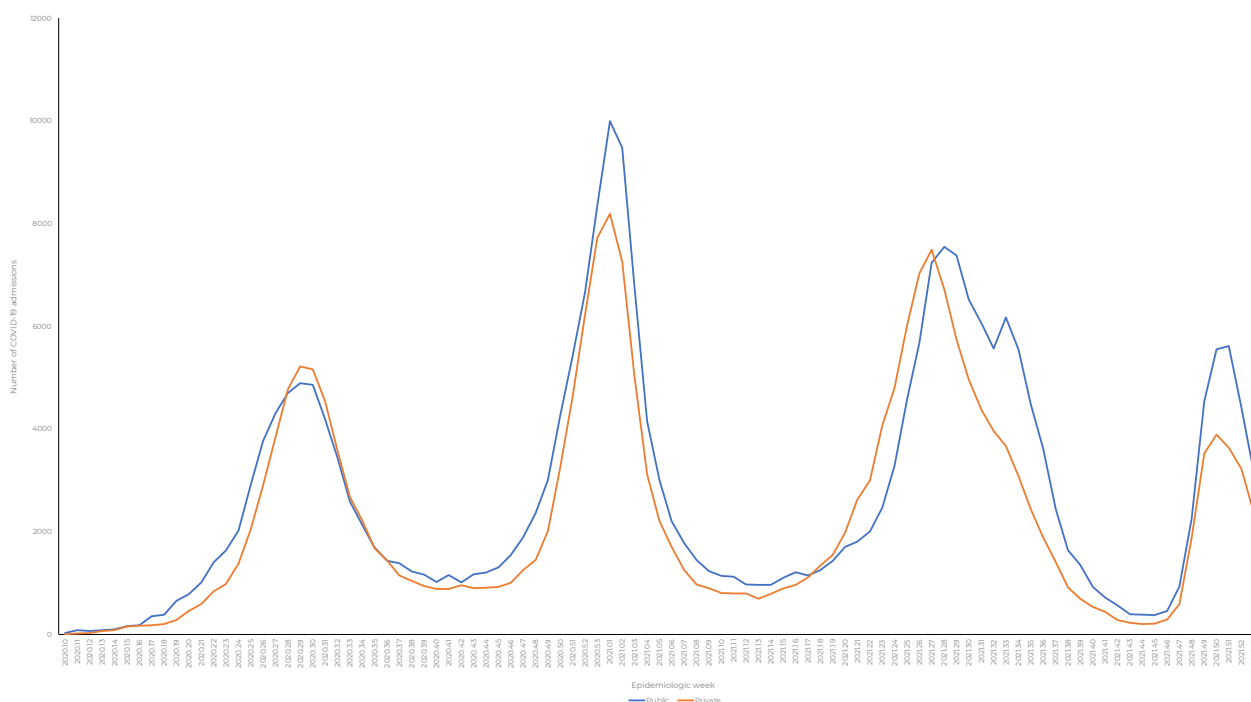
# COVID-19 HOSPITAL SURVEILLANCE UPDATE

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## RESULTS

### Epidemiological and geographic trends in admissions

From 5 March 2020 to 8 January 2022, a total of 483,089 COVID-19 admissions were reported from 666 facilities in all nine provinces of South Africa. The fourth wave of the COVID-19 pandemic began in week 45 of 2021 in both sectors. There has been a decrease in admissions since week 50 (Figure 1). The weekly admissions during the fourth wave have been lower than the numbers of admissions at the peak of the second and third waves in both sectors.

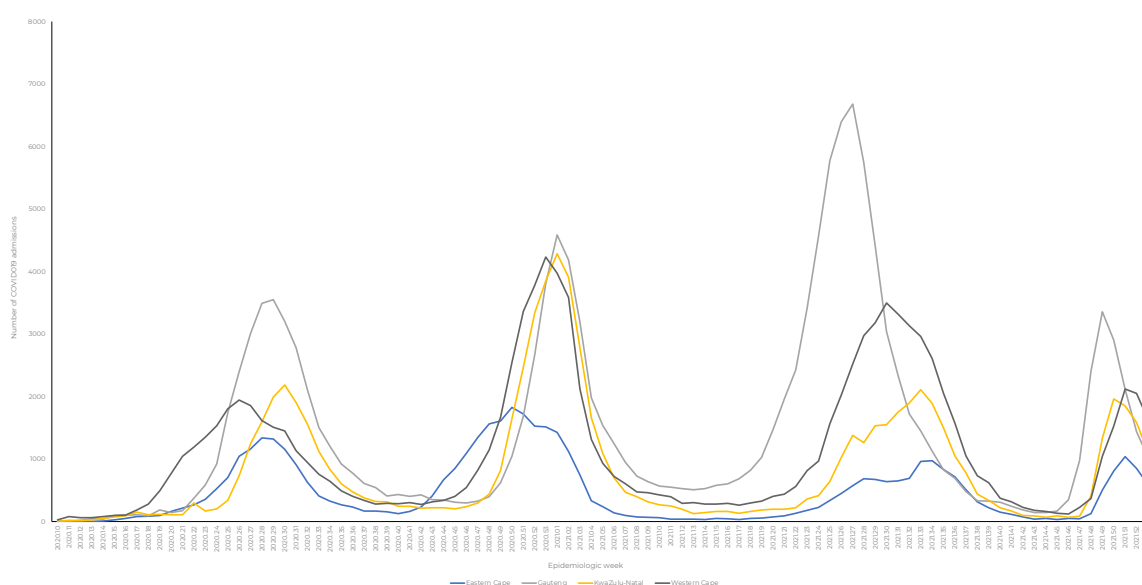


**Figure 1.** Number of reported COVID-19 admissions by health sector and epidemiologic week of diagnosis, South Africa, 5 March 2020-8 January 2022, N=483,089

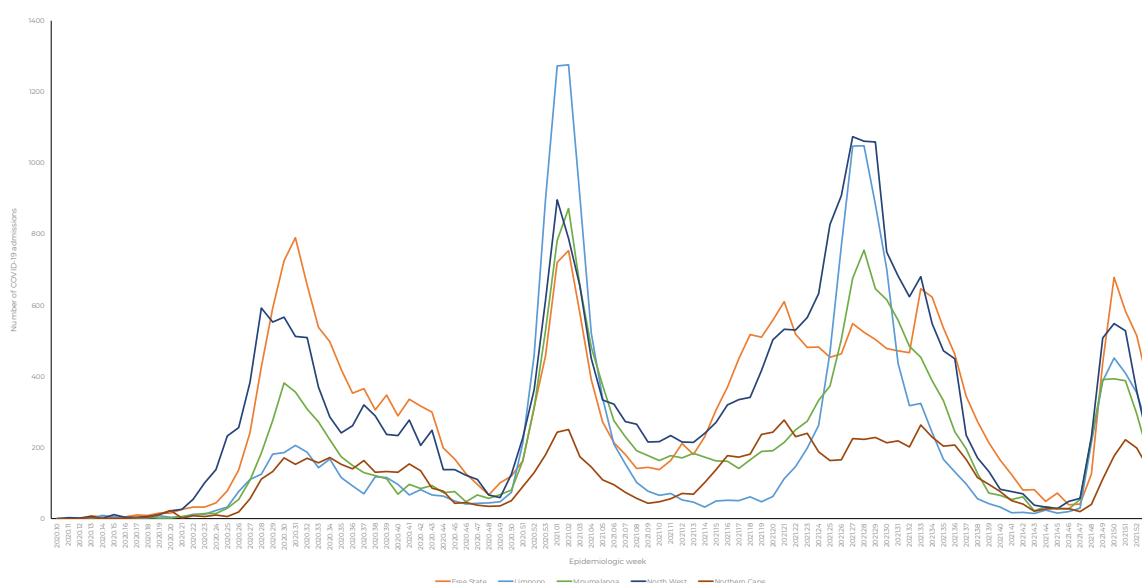
# COVID-19 HOSPITAL SURVEILLANCE UPDATE

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The majority of admissions were recorded in four provinces, Gauteng 140,514 (29%), Western Cape 107,557 (22%), KwaZulu-Natal 78,503 (16%) and Eastern Cape 45,470 (9%) provinces. There has been a decrease in admissions in all provinces over the past two weeks (Figures 2a and 2b).



**Figure 2a.** Number of reported COVID-19 admissions, by provinces with highest admissions and epidemiologic week of diagnosis, South Africa, 5 March 2020-8 January 2022, N=483,089

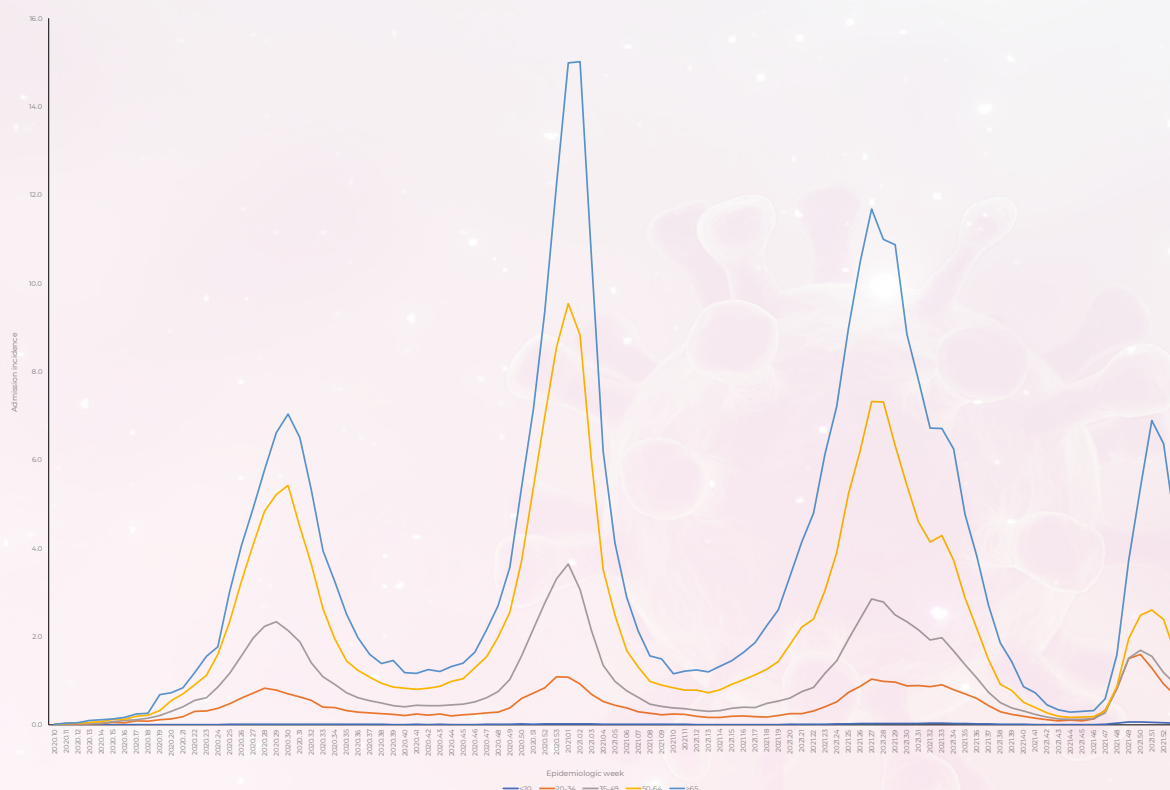


**Figure 2b.** Number of reported COVID-19 admissions, by provinces with lowest admissions and epidemiologic week of diagnosis, South Africa, 5 March 2020-8 January 2022, N=483,089

# COVID-19 HOSPITAL SURVEILLANCE UPDATE

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The incidence risk of COVID-19 admissions increased with age and was highest amongst individuals aged 65 years and older (Figure 3). During the fourth wave, there were 6,695 admissions in <20 years, 15,752 in 20-39 years, 10,917 in 40-59 years, and 13,435 in >60 years.



**Figure 3.** Number risk of COVID-19 admissions per 100,000 persons, by age group and epidemiologic week of diagnosis, South Africa, 5 March 2020-8 January 2022, N=483,089

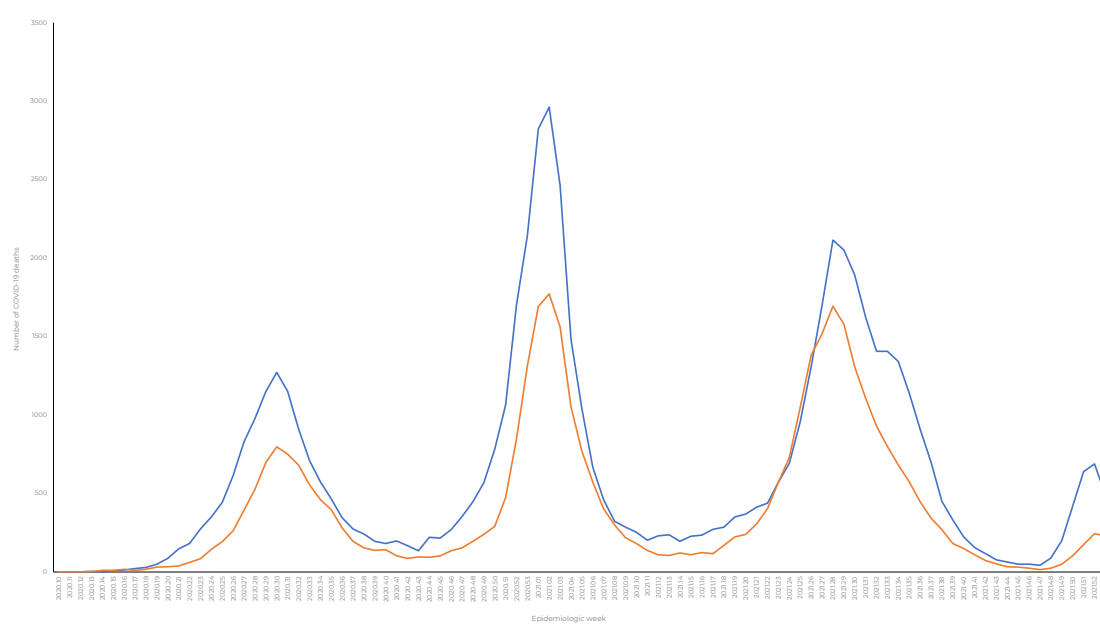


# COVID-19 HOSPITAL SURVEILLANCE UPDATE

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## EPIDEMIOLOGICAL AND GEOGRAPHIC TRENDS IN IN-HOSPITAL MORTALITY

A total of 96,788 COVID-19 in-hospital deaths were reported in all nine provinces of South Africa. More deaths have been reported in the public sector in all four waves. There has been an increase in in-hospital COVID-19 deaths in both sectors since week 48 (Figure 4). The weekly deaths during the fourth wave have been lower than the numbers of deaths at the peak of the prior three waves in both sectors.

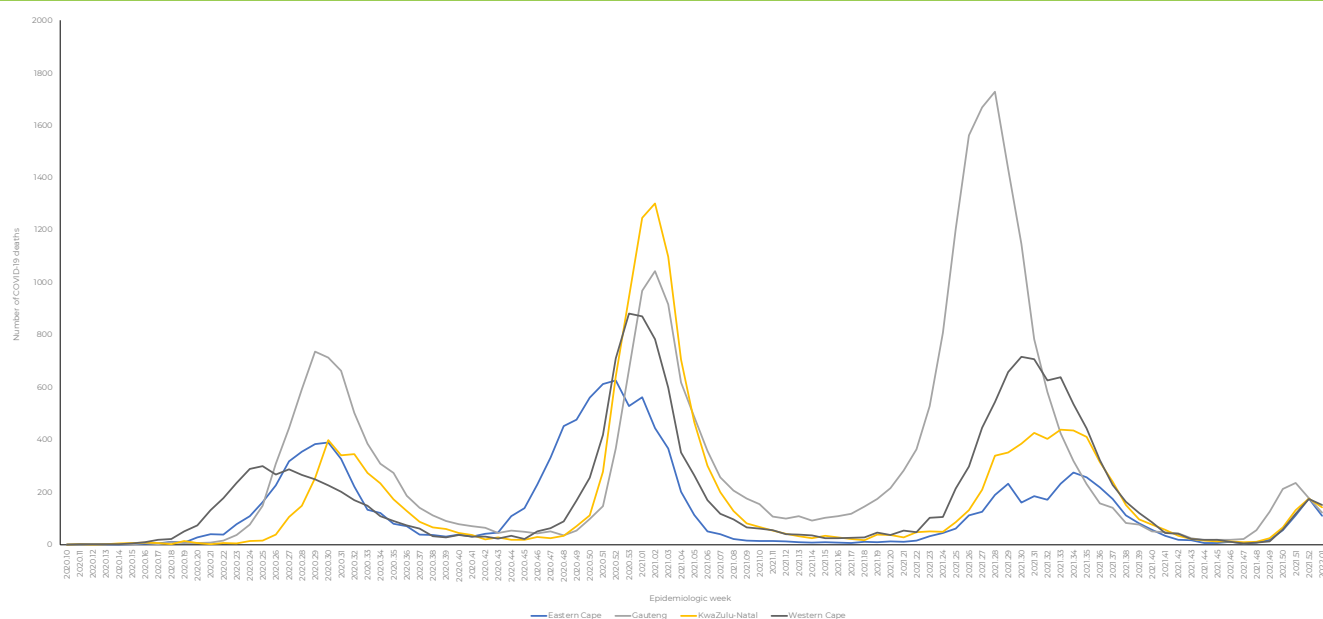


**Figure 4.** Number of reported COVID-19 in-hospital deaths, by health sector and epidemiologic week, South Africa, 5 March 2020-8 January 2022, N=98,138

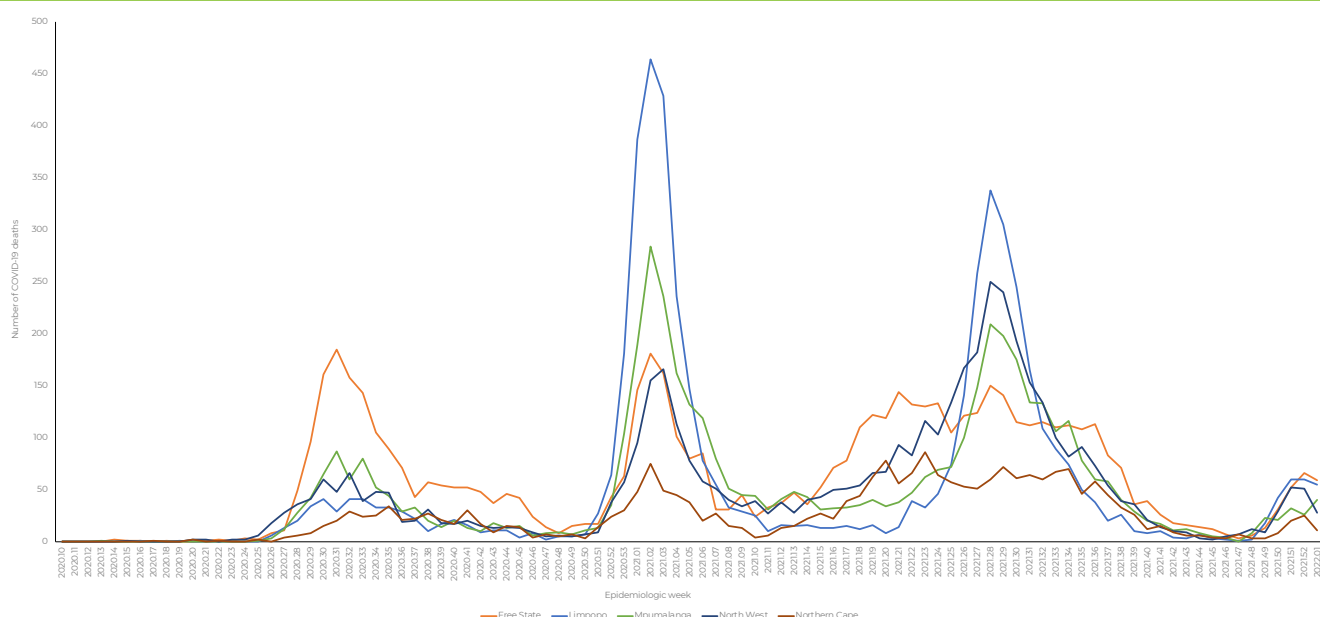
# COVID-19 HOSPITAL SURVEILLANCE UPDATE

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Most deaths were reported in Gauteng 28,737 (29%), Western Cape 17,799 (18%), KwaZulu-Natal 16,348 (17%), and Eastern Cape 12,677 (13%). There has been a small increase in deaths in all provinces (Figures 5a and 5b). The weekly deaths during the fourth wave have been lower than the numbers of deaths at the peak of the prior three waves in all provinces.



**Figure 5a.** Number of reported COVID-19 in-hospital deaths, by province with highest deaths and epidemiologic week of death, South Africa, 5 March 2020-8 January 2022, N=98,138

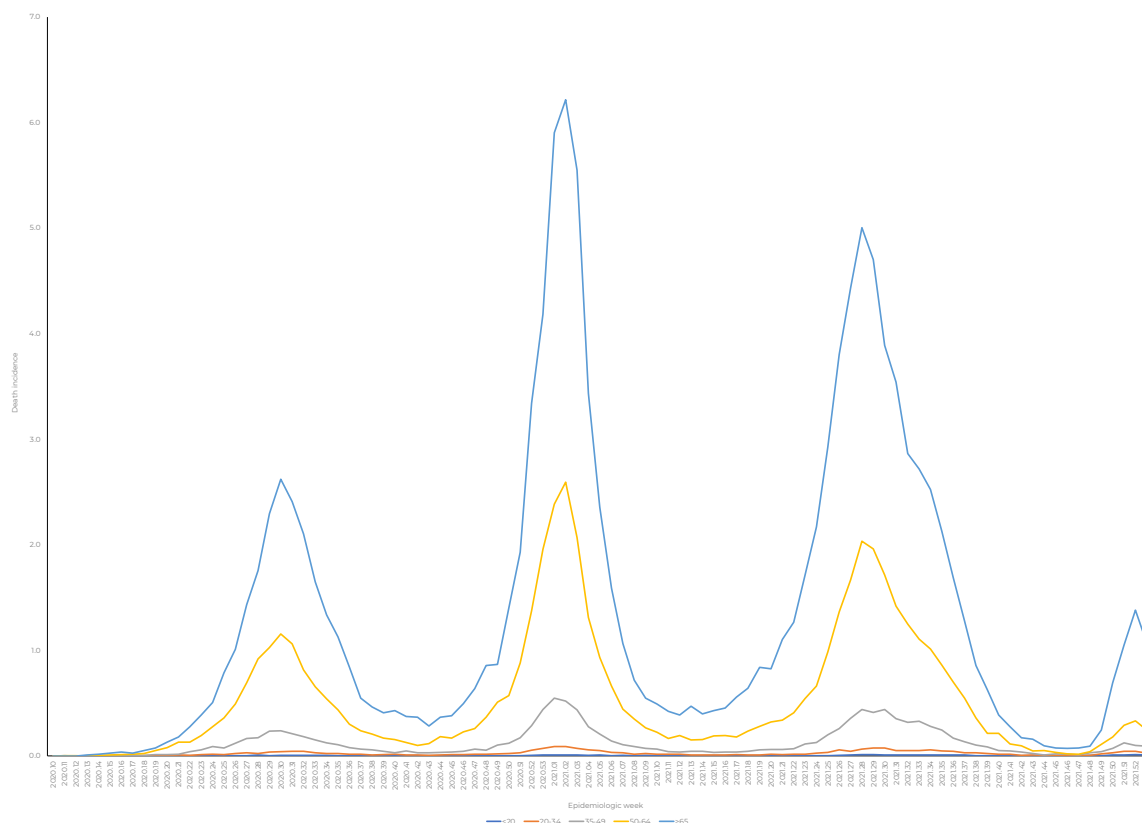


**Figure 5b.** Number of reported COVID-19 in-hospital deaths, by province with lowest deaths and epidemiologic week of death, South Africa, 5 March 2020-8 January 2022, N=98,138

# COVID-19 HOSPITAL SURVEILLANCE UPDATE

WEEK 1 2022

The incidence risk of COVID-19 deaths increased with age and was highest amongst individuals aged 65 years and older (Figure 6). During the fourth wave, there were 106 deaths in <20 years, 489 in 20-39 years, 901 in 40-59 years, and 2,054 in >60 years.



**Figure 6.** Number risk of COVID-19 in-hospital deaths per 100,000 persons, by age group and epidemiologic week of death, South Africa, 5 March 2020-8 January 2022, N=98,138



# COVID-19 HOSPITAL SURVEILLANCE UPDATE

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## PROVINCIAL TRENDS

The cumulative incidence risks of COVID-19 admissions and in-hospital deaths were highest in Western Cape, Free State and Gauteng provinces (Table 2).

**Table 2.** Number and cumulative incidence risk of COVID-19 hospitalisations and in-hospital deaths per 100,000 persons by province, South Africa, 5 March 2020-8 January 2022.

| Province            | Provincial Population mid 2020* | Cumulative admissions | Cumulative incidence risk of admissions / 100,000 | Cumulative deaths | Cumulative incidence risk of deaths / 100,000 |
|---------------------|---------------------------------|-----------------------|---|-------------------|---|
| Eastern Cape        | 6734001                         | 45470                 | 675.2   | 12677             | 188.3   |
| Free State          | 2928903                         | 29222                 | 997.7   | 5830              | 199.1   |
| Gauteng             | 15488137                        | 140 514               | 907.2   | 28736             | 185.5   |
| KwaZulu-Natal       | 11531628                        | 78503                 | 680.8   | 16345             | 141.7   |
| Limpopo             | 5852553                         | 19375                 | 331.1   | 5107              | 87.3  |
| Mpumalanga          | 4679786                         | 20375                 | 435.4   | 4662              | 99.6  |
| North West          | 4108816                         | 31 186                | 759.0   | 4630              | 112.7   |
| Northern Cape       | 1292786                         | 10 887                | 842.1   | 2347              | 181.5   |
| Western Cape        | 7005741                         | 107 557               | 1535.3  | 17798             | 254.0   |
| <b>South Africa</b> | <b>59622350</b>                 | <b>483 089</b>        | <b>810.2</b>                                      | <b>98 132</b>     | <b>164.6</b>                                  |

\*StatsSA mid-year population estimates 2020

# COVID-19 HOSPITAL SURVEILLANCE UPDATE

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There has been a decrease in the average daily COVID-19 admissions comparing the previous 14 days and the current 14 days in all provinces except in Western Cape (Table 3). There has been an increase in the average daily COVID-19 deaths comparing the previous 14 days and the current 14 days in all provinces except in Gauteng and North West.

**Table 3.** Previous 14 days and current 14 days daily average COVID-19 admissions and deaths and percentage changes, South Africa, 11 December 2021-8 January 2022.

| Province      | Hospital admissions                 |                                    | Percentage change in admissions | Hospital deaths                 |                                | Percentage change in deaths |
|---------------|-------------------------------------|------------------------------------|---------------------------------|---------------------------------|--------------------------------|-----------------------------|
|               | Previous 14 days average admissions | Current 14 days average admissions |                                 | Previous 14 days average deaths | Current 14 days average deaths |                             |
| Eastern Cape  | 131.57                              | 102.64                             | -21.99                          | 11.86                           | 20.43                          | 72.29                       |
| Free State    | 90.14                               | 63.64                              | -29.40                          | 5.93                            | 8.93                           | 50.60                       |
| Gauteng       | 357.21                              | 176.29                             | -50.65                          | 31.79                           | 21.36                          | -32.81                      |
| KwaZulu-Natal | 272.07                              | 192.57                             | -29.22                          | 14.07                           | 22.64                          | 60.91                       |
| Limpopo       | 61.43                               | 43.00                              | -30.00                          | 7.29                            | 8.21                           | 12.75                       |
| Mpumalanga    | 55.79                               | 33.86                              | -39.31                          | 3.79                            | 4.71                           | 24.53                       |
| North West    | 76.86                               | 41.21                              | -46.38                          | 5.79                            | 5.64                           | -2.47                       |
| Northern Cape | 28.43                               | 24.21                              | -14.82                          | 2.00                            | 2.57                           | 28.57                       |
| Western Cape  | 260.50                              | 262.93                             | 0.93                            | 12.57                           | 23.29                          | 85.23                       |

\* Reporting of new admissions in the most recent week may be delayed

# COVID-19 HOSPITAL SURVEILLANCE UPDATE

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There has been a decrease in the average daily COVID-19 admissions comparing the previous 7 days and the current 7 days in all provinces; and a decrease in deaths comparing the previous 7 days and the current 7 days in all provinces except in Mpumalanga (Table 4).

**Table 3.** Previous 7 days and current 7 days daily average COVID-19 admissions and deaths and percentage changes, South Africa, 18-8 January 2022.

| Province      | Hospital admissions                |                                   | Percentage change in admissions | Hospital deaths                |                               | Percentage change in deaths |
|---------------|------------------------------------|-----------------------------------|---------------------------------|--------------------------------|-------------------------------|-----------------------------|
|               | Previous 7 days average admissions | Current 7 days average admissions |                                 | Previous 7 days average deaths | Current 7 days average deaths |                             |
| Eastern Cape  | 121.29                             | 84.00                             | -30.74                          | 25.14                          | 15.71                         | -37.50                      |
| Free State    | 73.43                              | 53.86                             | -26.65                          | 9.43                           | 8.43                          | -10.61                      |
| Gauteng       | 205.43                             | 147.14                            | -28.37                          | 25.29                          | 17.43                         | -31.07                      |
| KwaZulu-Natal | 225.86                             | 159.29                            | -29.48                          | 25.00                          | 20.29                         | -18.86                      |
| Limpopo       | 50.57                              | 35.43                             | -29.94                          | 8.57                           | 7.86                          | -8.33                       |
| Mpumalanga    | 42.00                              | 25.71                             | -38.78                          | 3.71                           | 5.71                          | 53.85                       |
| North West    | 51.14                              | 31.29                             | -38.83                          | 7.29                           | 4.00                          | -45.10                      |
| Northern Cape | 28.29                              | 20.14                             | -28.79                          | 3.57                           | 1.57                          | -56.00                      |
| Western Cape  | 292.71                             | 233.14                            | -20.35                          | 24.86                          | 21.71                         | -12.64                      |

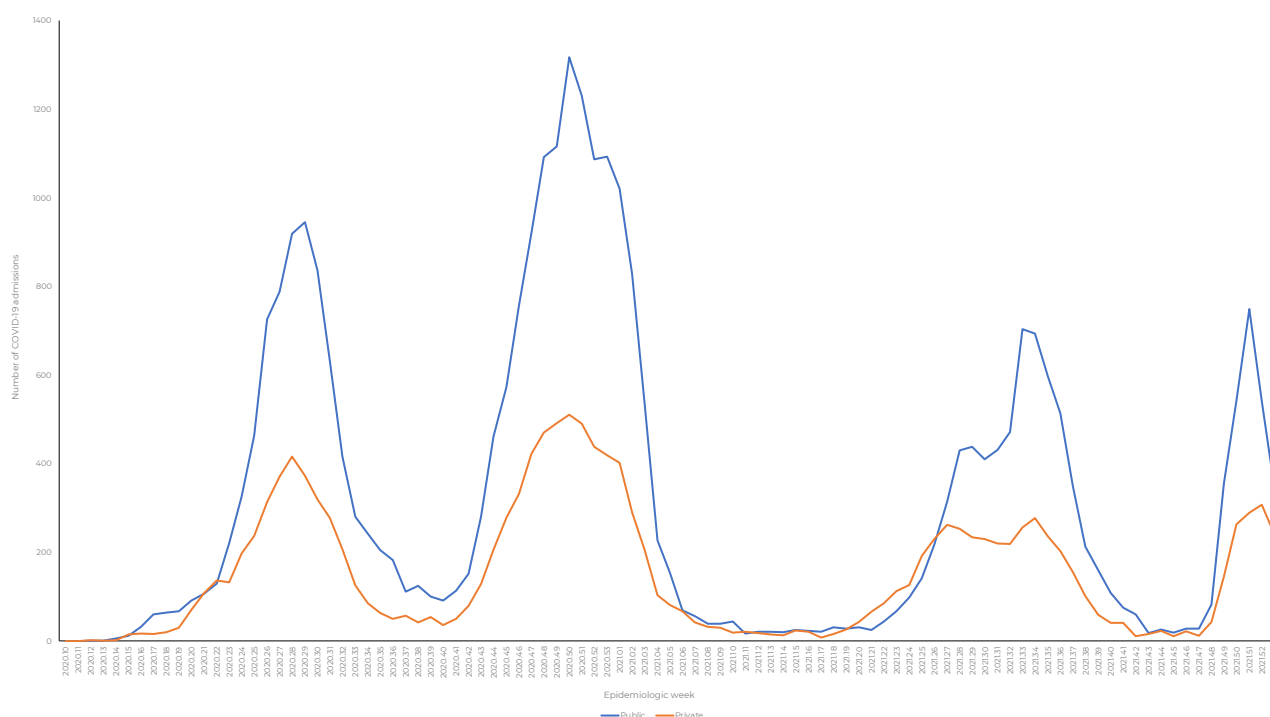
\* Reporting of new admissions in the most recent week may be delayed

# COVID-19 HOSPITAL SURVEILLANCE UPDATE

WEEK 1 2022

## EASTERN CAPE

In all four waves, there were higher numbers of admissions in the public sector. Following an increase in admissions in both sectors since week 46, there has been decreased admissions in the past two weeks (Figure 7). Weekly admissions during the fourth wave were similar to the weekly numbers of admissions at the peak of the third wave in both sectors, and lower than the first and second waves.

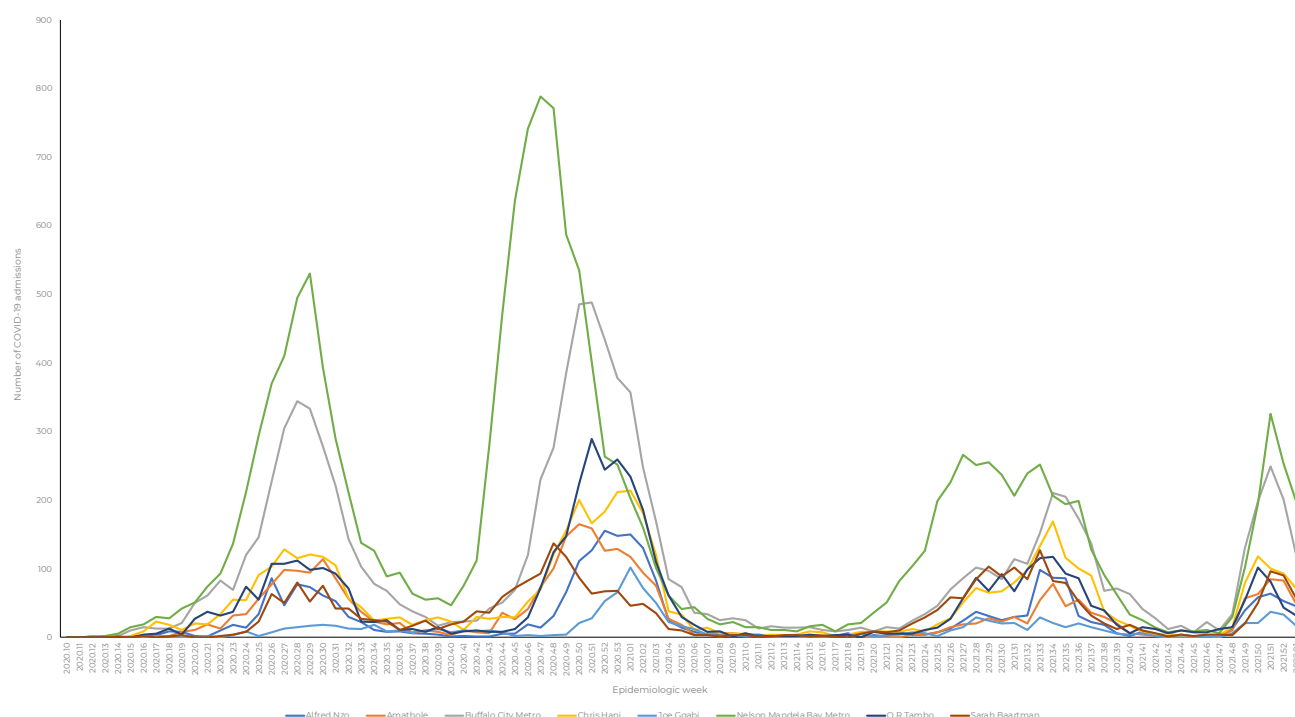


**Figure 7:** Number of reported COVID-19 admissions by health sector and epidemiologic week of diagnosis, Eastern Cape, 5 March 2020-8 January 2022, N=45,470

# COVID-19 HOSPITAL SURVEILLANCE UPDATE

WEEK 1 2022

There has been an increase in admissions in all districts since week 46 and a decrease in all districts in the past two weeks (Figure 8). The weekly admissions during the fourth wave exceeded the numbers of admissions at the peak of the third wave in all districts, but was lower than the first and second wave in all districts



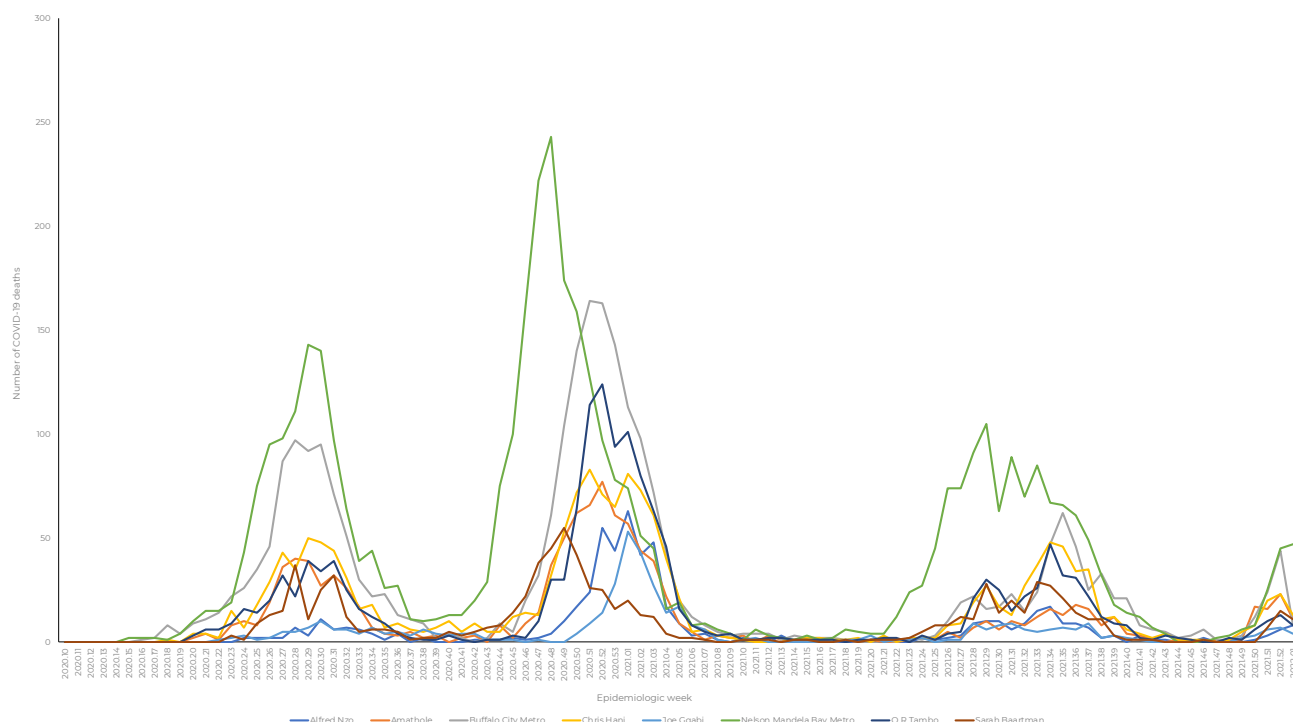
**Figure 8.** Number of reported COVID-19 admissions, by district and epidemiologic week, Eastern Cape, 5 March 2020-8 January 2022, N=45,470



# COVID-19 HOSPITAL SURVEILLANCE UPDATE

WEEK 1 2022

There has been a small increase in weekly numbers of deaths in all districts (Figure 9). The weekly deaths in the fourth wave were lower than the numbers of deaths in the prior three waves in all districts.



**Figure 9.** Number of reported COVID-19 in-hospital deaths, by district and epidemiologic week, Eastern Cape, 5 March 2020-8 January 2022, N=12,677

# COVID-19 HOSPITAL SURVEILLANCE UPDATE

WEEK 1 2022

There has been a decrease in the average daily COVID-19 admissions comparing the previous 14 days and the current 14 days in all districts except in Sarah Baartman (Table 5).

**Table 4:** Previous 14 days and current 14 days average COVID-19 admissions and deaths and percentage changes, Eastern Cape, 11 December 2021-8 January 2022.

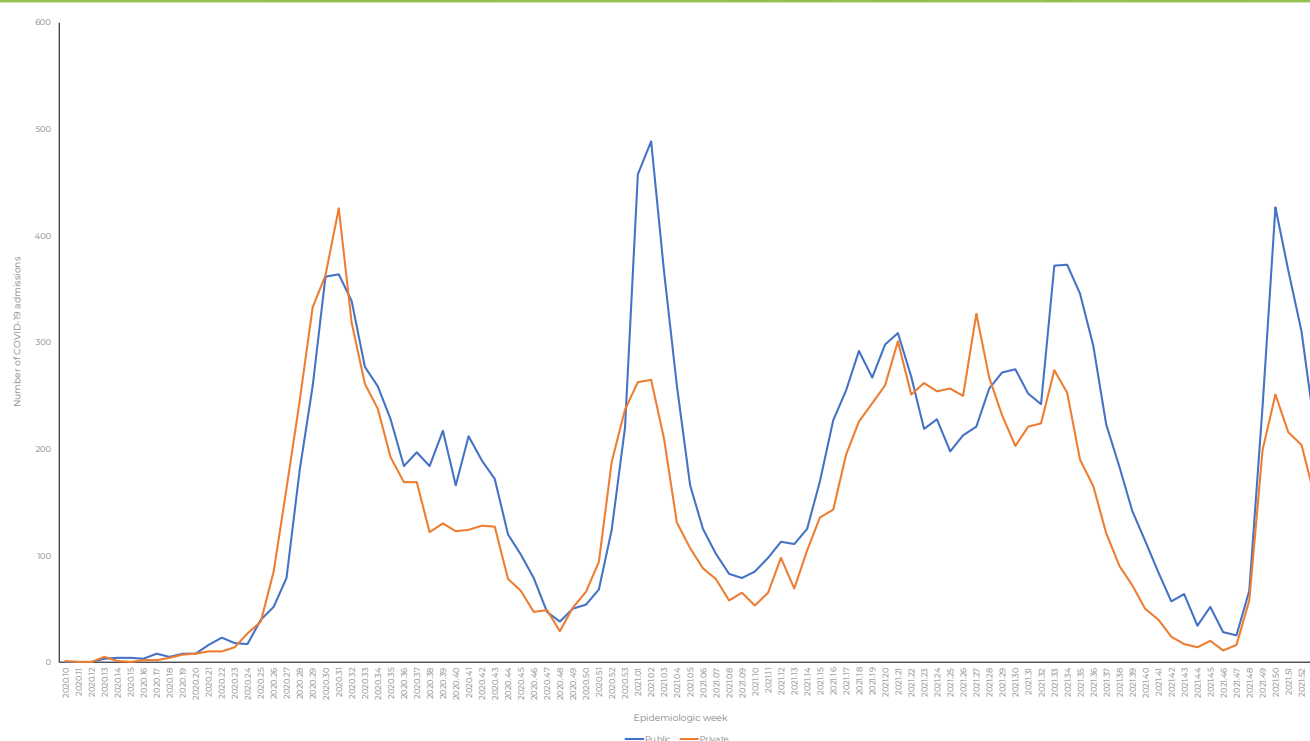
| District           | Previous 14 days admissions average | Current 14 days admissions average | Percentage change in admissions | Previous 14 days deaths average | Current 14 days deaths average | Percentage change in deaths |
|--------------------|-------------------------------------|------------------------------------|---------------------------------|---------------------------------|--------------------------------|-----------------------------|
| Alfred Nzo         | 8.71                                | 7.00                               | -19.67                          | 0.29                            | 1.00                           | 250.00                      |
| Amathole           | 10.57                               | 9.36                               | -11.49                          | 2.36                            | 2.43                           | 3.03                        |
| Buffalo City Metro | 31.93                               | 22.93                              | -28.19                          | 2.57                            | 3.71                           | 44.44                       |
| Chris Hani         | 15.57                               | 11.71                              | -24.77                          | 2.00                            | 2.57                           | 28.57                       |
| Joe Gqabi          | 4.14                                | 3.57                               | -13.79                          | 0.64                            | 0.79                           | 22.22                       |
| Nelson Mandela Bay | 37.14                               | 32.21                              | -13.27                          | 2.36                            | 6.57                           | 178.79                      |
| O R Tambo          | 13.07                               | 5.36                               | -59.02                          | 1.14                            | 1.50                           | 31.25                       |
| Sarah Baartman     | 10.43                               | 10.50                              | 0.68                            | 0.50                            | 1.86                           | 271.43                      |

# COVID-19 HOSPITAL SURVEILLANCE UPDATE

WEEK 1 2022

## FREE STATE

In the first and third waves there were roughly equal numbers of admissions in both sectors, while in the second and fourth waves there were higher numbers of admissions in the public sector (Figure 10). Following an increase in admissions in both sectors since week 46, there has been decreased admissions since week 50. Weekly admissions in the fourth wave exceeded the weekly numbers of admissions at the peak of the third wave in the public sector but were lower than the second wave.

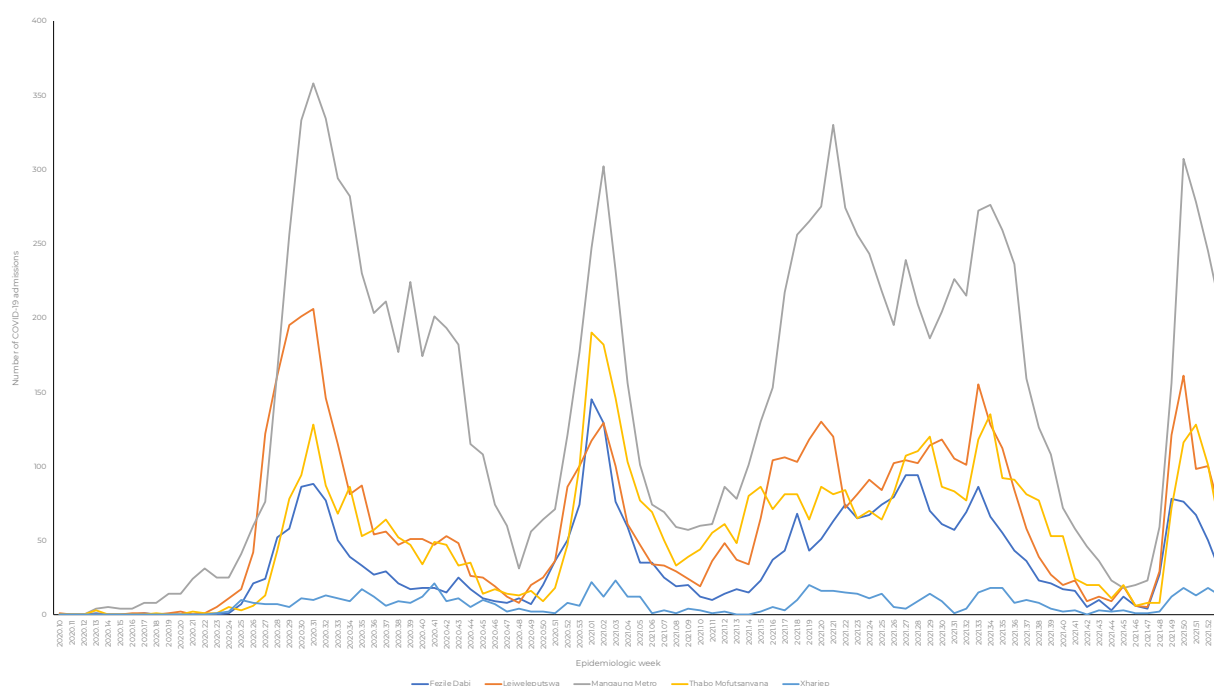


**Figure 10:** Number of reported COVID-19 admissions by health sector and epidemiologic week of diagnosis, Free State, 5 March 2020-8 January 2022, N=29,222

# COVID-19 HOSPITAL SURVEILLANCE UPDATE

WEEK 1 2022

There has been an increase in admissions in all districts since week 46 and decreased admissions since week 50 (Figure 11). Weekly admissions in the fourth wave were similar to the weekly numbers of admissions at the peaks of the prior three waves in all districts.

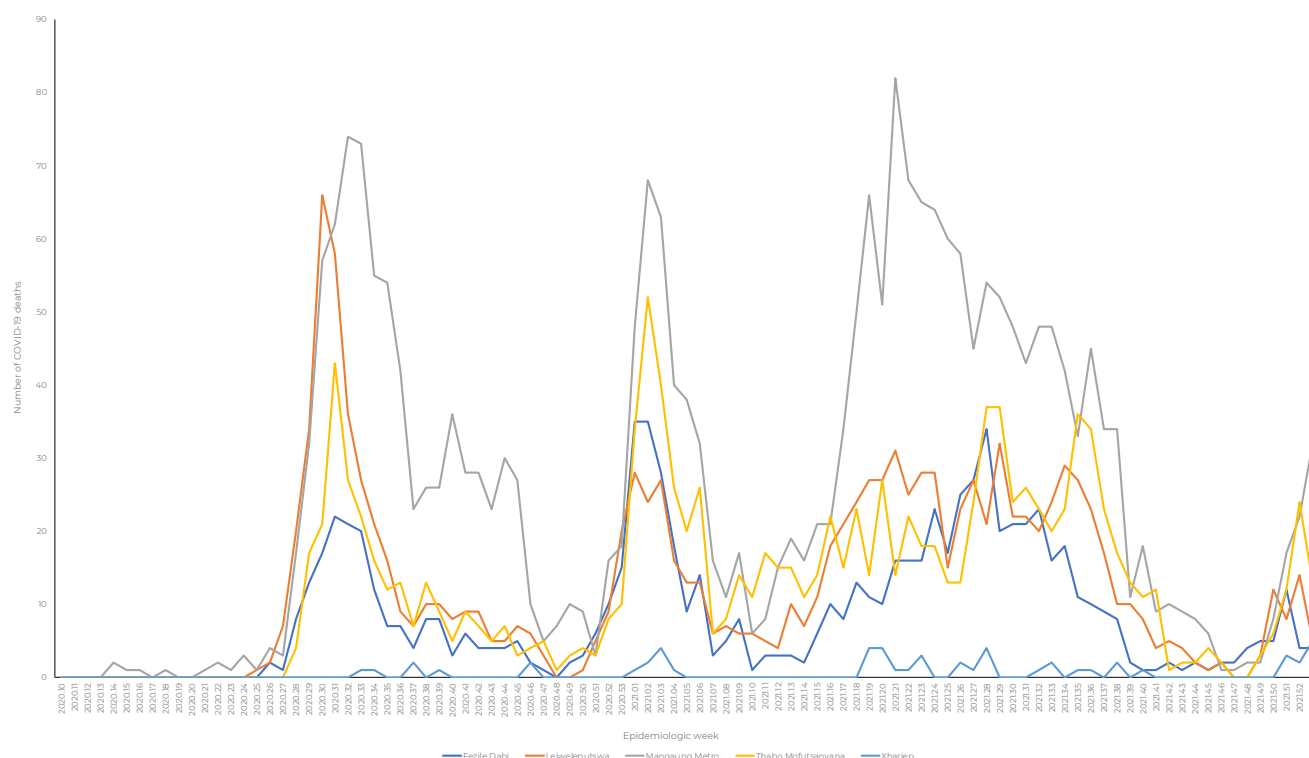


**Figure 11:** Number of reported COVID-19 admissions, by district and epidemiologic week, Free State, 5 March 2020-8 January 2022, N=29,222

# COVID-19 HOSPITAL SURVEILLANCE UPDATE

WEEK 1 2022

There has been a small increase in deaths in all districts (Figure 12). Weekly deaths in the fourth wave were lower than the weekly numbers of deaths in the prior three waves in all districts.



**Figure 12:** Number of reported COVID-19 in-hospital deaths, by district and epidemiologic week, Free State, 5 March 2020–8 January 2022, N=5,830



# COVID-19 HOSPITAL SURVEILLANCE UPDATE

WEEK 1 2022

There has been a decrease in average daily COVID-19 admissions comparing the previous 14 days and the current 14 days in all districts (Table 6).

**Table 5:** Previous 14 days and current 14 days average COVID-19 admissions and deaths and percentage changes, Free State, 11 December 2021-8 January 2022.

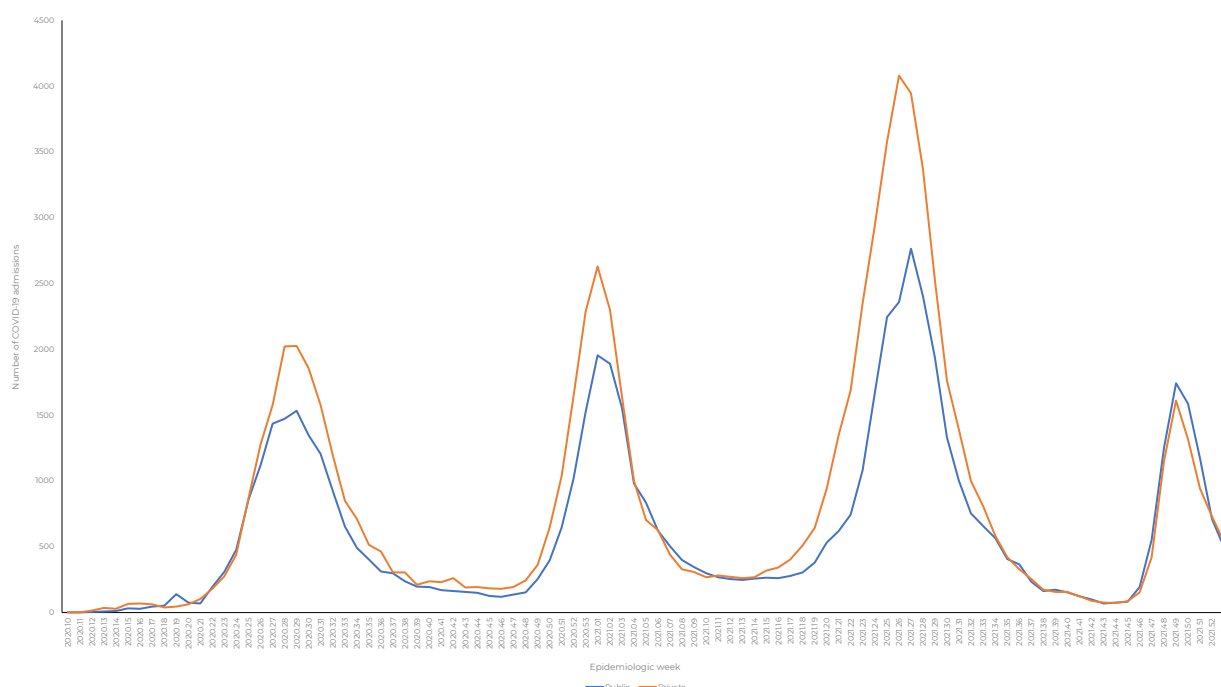
| District           | Previous 14 days admissions average | Current 14 days admissions average | Percentage change in admissions | Previous 14 days deaths average | Current 14 days deaths average | Percentage change in deaths |
|--------------------|-------------------------------------|------------------------------------|---------------------------------|---------------------------------|--------------------------------|-----------------------------|
| Fezile Dabi        | 10.21                               | 5.64                               | -44.76                          | 1.21                            | 0.57                           | -52.94                      |
| Lejweleputswa      | 18.50                               | 12.14                              | -34.36                          | 1.43                            | 1.36                           | -5.00                       |
| Mangaung Metro     | 41.79                               | 32.29                              | -22.74                          | 1.79                            | 3.86                           | 116.00                      |
| Thabo Mofutsanyana | 17.43                               | 11.36                              | -34.84                          | 1.29                            | 2.64                           | 105.56                      |
| Xhariep            | 2.21                                | 2.21                               | 0.00                            | 0.21                            | 0.50                           | 133.33                      |

# COVID-19 HOSPITAL SURVEILLANCE UPDATE

WEEK 1 2022

## GAUTENG

In the first three waves there were higher numbers of admissions in the private sector while in the fourth wave there were equal numbers of admissions in the public and private sectors. Following an increase in admissions in both sectors since week 45, the numbers of weekly admissions has decreased in both sectors since week 49 (Figure 13). Weekly admissions at the peak of the fourth wave were lower than the weekly numbers of admissions in the prior three waves in both sectors.

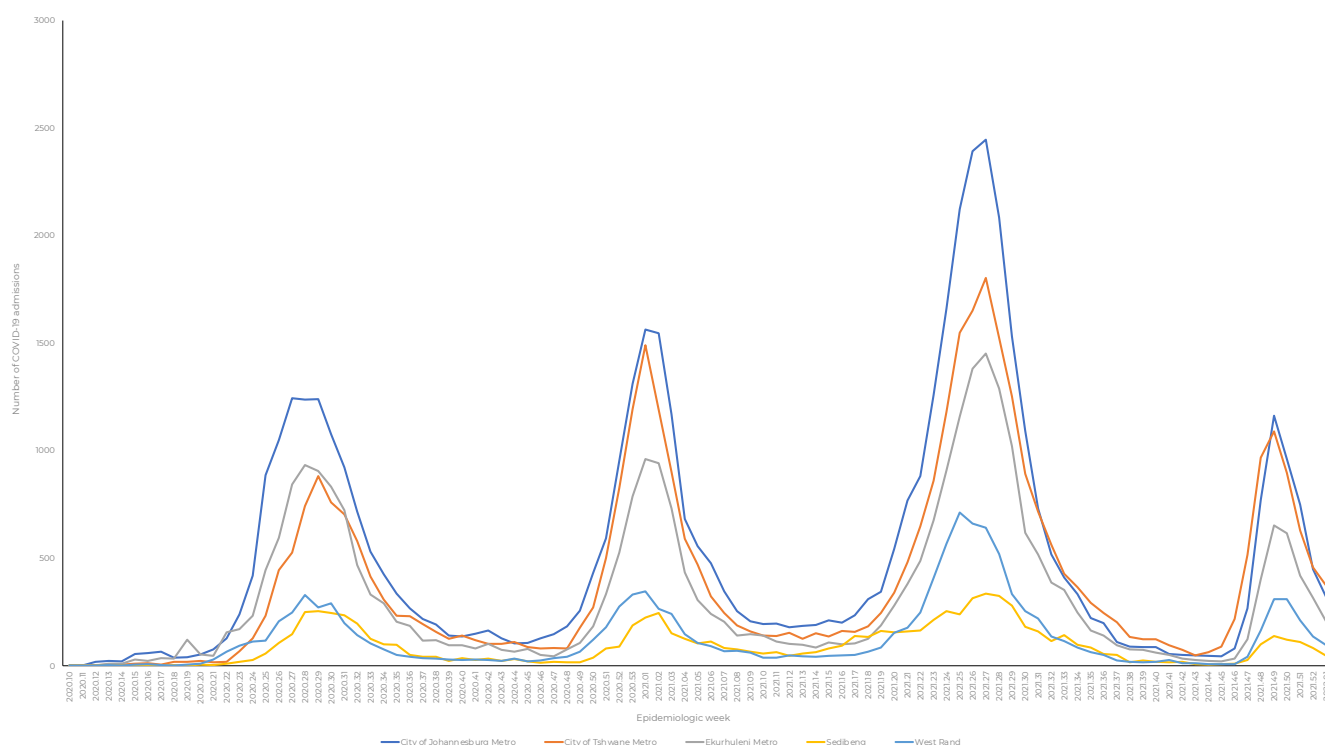


**Figure 13:** Number of reported COVID-19 admissions by health sector and epidemiologic week of diagnosis, Gauteng, 5 March 2020-8 January 2022, N=140,514

# COVID-19 HOSPITAL SURVEILLANCE UPDATE

WEEK 1 2022

There has been an increase in admissions since week 45 and decreased admissions in all districts since week 49 (Figure 14). Weekly admissions at the peak of the fourth wave were lower than the weekly numbers of admissions at the peak of the second and third waves in all districts.

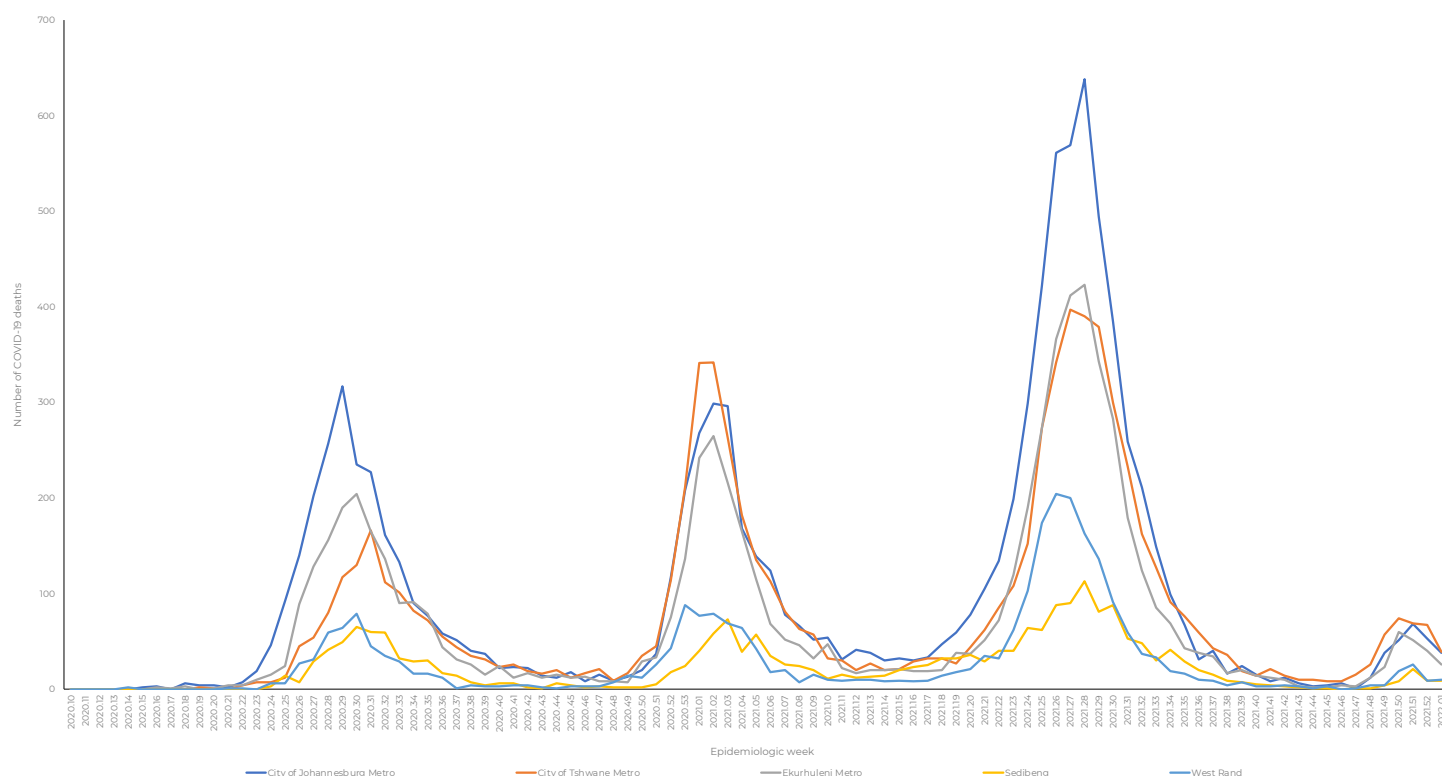


**Figure 14:** Number of reported COVID-19 admissions, by district and epidemiologic week, Gauteng, 5 March 2020-8 January 2022, N=140,514

# COVID-19 HOSPITAL SURVEILLANCE UPDATE

WEEK 1 2022

There has been a small increase in deaths in all districts (Figure 15). Weekly deaths during the fourth wave were lower than the weekly numbers of deaths at in the peak of the prior three waves in all districts



**Figure 15:** Number of reported COVID-19 in-hospital deaths, by district and epidemiologic week, Gauteng, 5 March 2020-8 January 2022, N=28,737

# COVID-19 HOSPITAL SURVEILLANCE UPDATE

WEEK 1 2022

There has been a decrease in average daily COVID-19 admissions comparing the previous 14 days and the current 14 days in all districts (Table 7).

**Table 7:** Previous 14 days and current 14 days average COVID-19 admissions and deaths and percentage changes, Gauteng, 11 December 2021-8 January 2022.

| District                   | Previous 14 days admissions average | Current 14 days admissions average | Percentage change in admissions | Previous 14 days deaths average | Current 14 days deaths average | Percentage change in deaths |
|----------------------------|-------------------------------------|------------------------------------|---------------------------------|---------------------------------|--------------------------------|-----------------------------|
| City of Johannesburg Metro | 122.07                              | 54.57                              | -55.30                          | 8.50                            | 6.50                           | -23.53                      |
| City of Tshwane Metro      | 107.79                              | 59.00                              | -45.26                          | 10.14                           | 7.50                           | -26.06                      |
| Ekurhuleni Metro           | 73.79                               | 37.21                              | -49.56                          | 7.86                            | 4.71                           | -40.00                      |
| Sedibeng                   | 16.43                               | 9.07                               | -44.78                          | 2.07                            | 1.29                           | -37.93                      |
| West Rand                  | 37.14                               | 16.43                              | -55.77                          | 3.21                            | 1.36                           | -57.78                      |

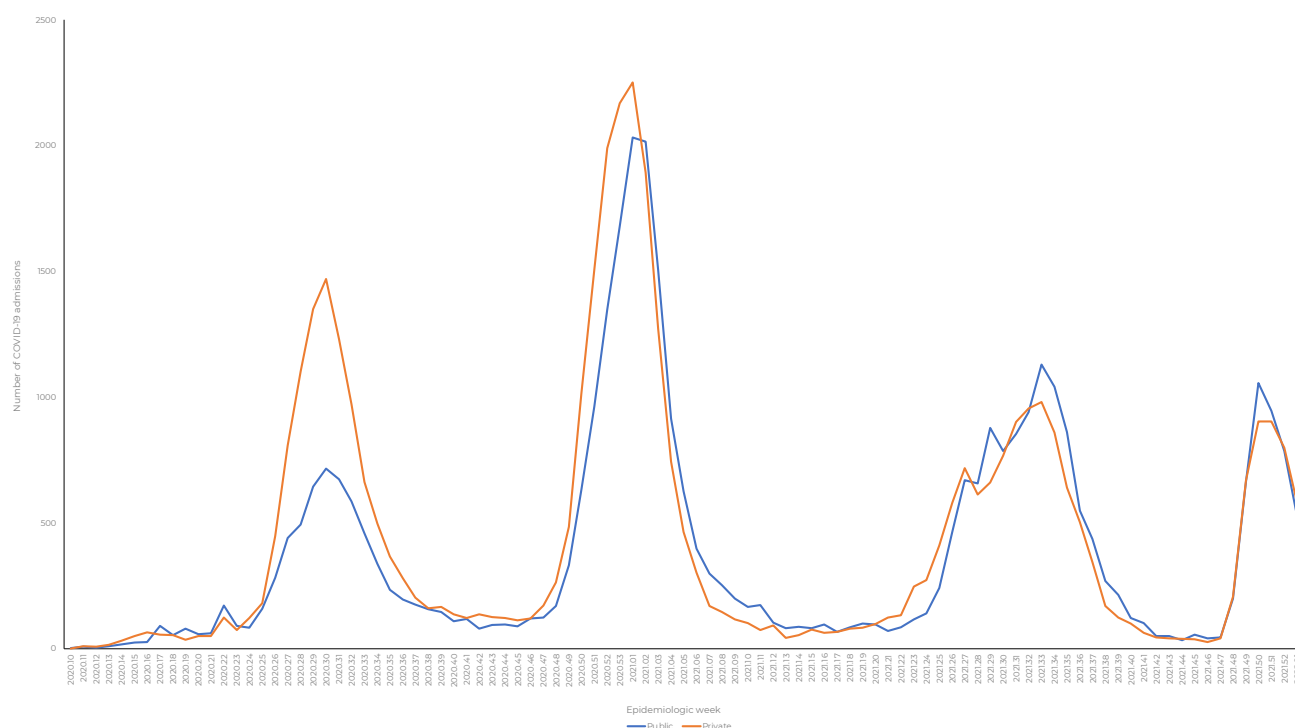


# COVID-19 HOSPITAL SURVEILLANCE UPDATE

WEEK 1 2022

## KWAZULU-NATAL

In the first wave there were higher numbers of admissions in the private sector but there have been equal numbers of admissions in the public and private sector in the second, third and fourth waves. Following an increase in admissions in both sectors since week 47, there has been decreased admissions since week 50 (Figure 16). Weekly admissions in the fourth wave were similar to the weekly numbers of admissions at the peak of the third wave in both sectors but lower than the second wave.

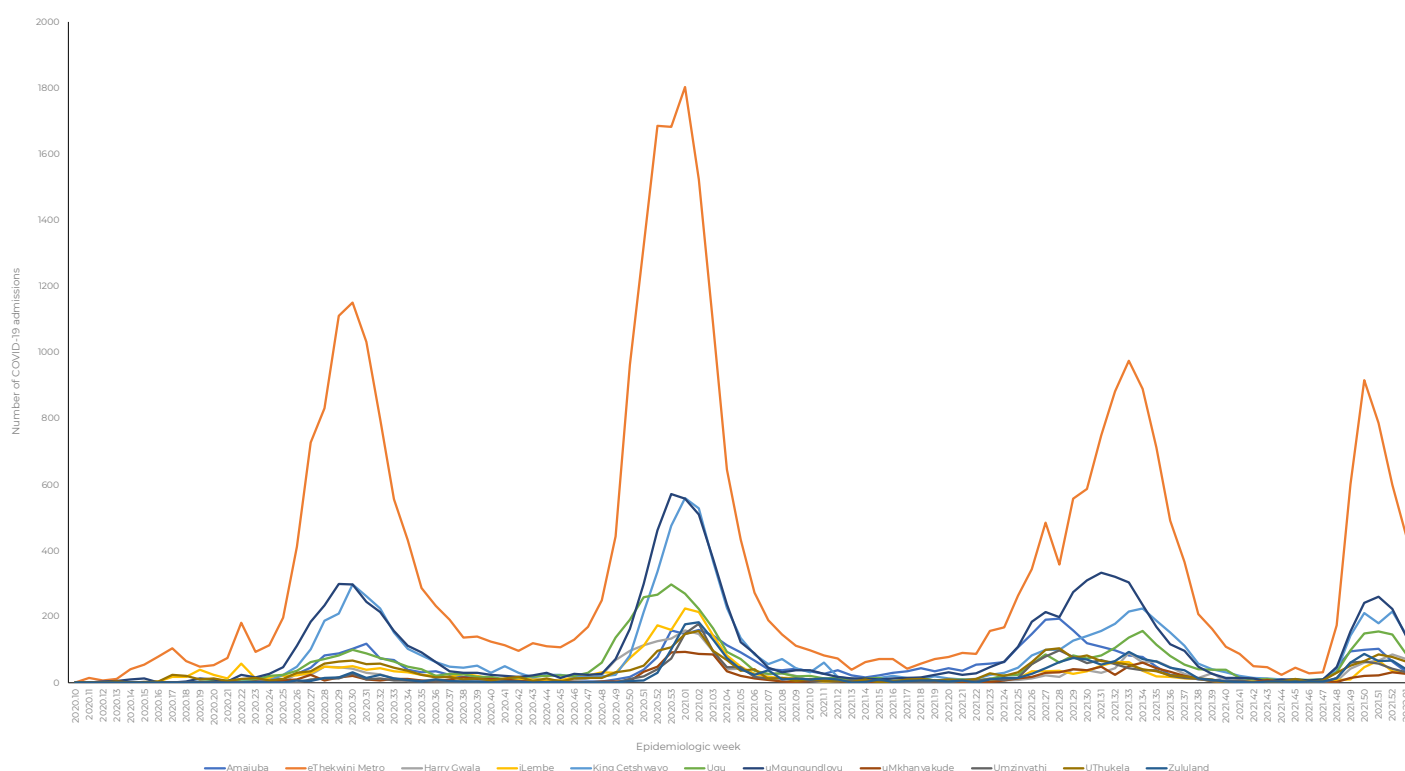


**Figure 16:** Number of reported COVID-19 admissions by health sector and epidemiologic week of diagnosis, KwaZulu-Natal, 5 March 2020-8 January 2022, N=78,503

# COVID-19 HOSPITAL SURVEILLANCE UPDATE

WEEK 1 2022

There has been an increase in admissions in all districts since week 47 and decreased admissions since week 50 (Figure 17). Weekly admissions in the fourth wave were similar to the weekly numbers of admissions at the peak of the third wave in all districts but lower than the second wave.



**Figure 17:** Number of reported COVID-19 admissions, by district and epidemiologic week, KwaZulu-Natal, 5 March 2020-8 January 2022, N=78,503

## WEEK 1 2022

Number of COVID-19 deaths

Epidemiologic week

Amaluba eThekweni Metro Harry Gwala iLembe King Cetshwayo Ugu uMqungundlovu uMkhanyakude uMzimvathi uThukela Zululand

**www.nicd.ac.za** TOLL-FREE NUMBER **0800 029 999**

# COVID-19 HOSPITAL SURVEILLANCE UPDATE

WEEK 1 2022

There has been a decrease in average daily COVID-19 admissions comparing the previous 14 days and the current 14 days in all districts except in Harry Gwala and uMkhanyakude (Table 8).

**Table 8:** Previous 14 days and current 14 days average COVID-19 admissions and deaths and percentage changes, KwaZulu-Natal, 11 December 2021-8 January 2022.

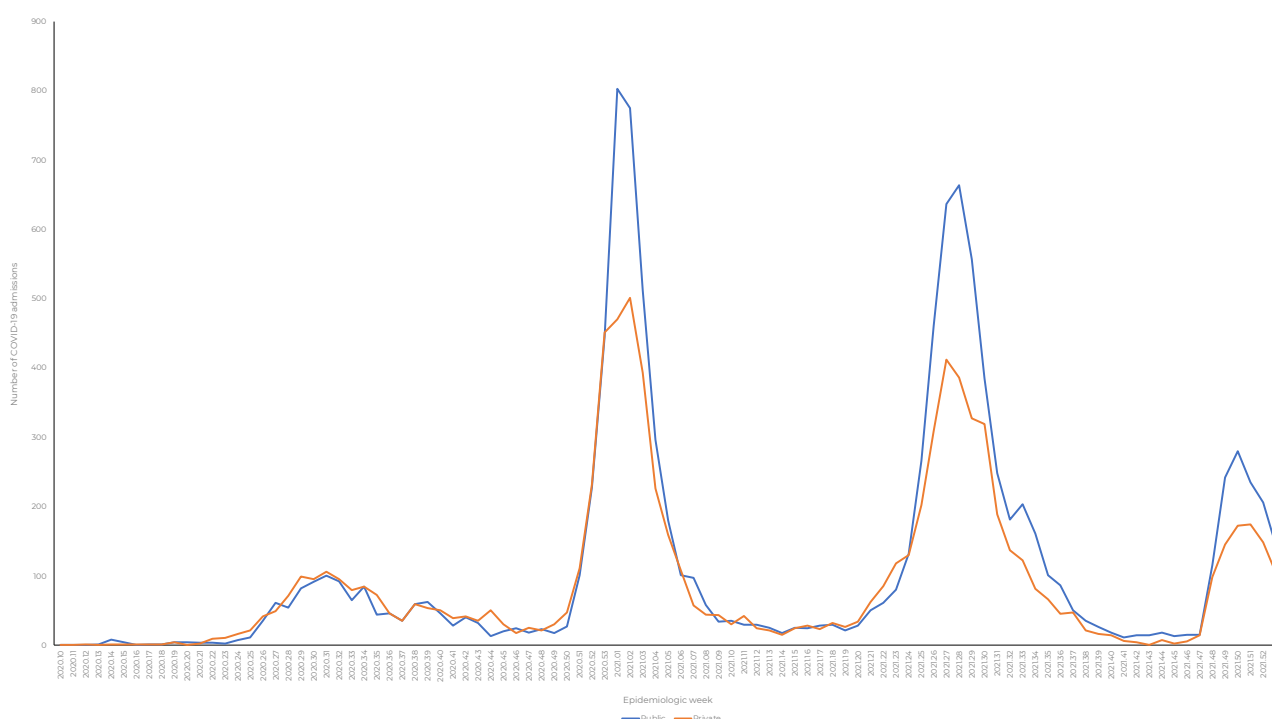
| District        | Previous 14 days admissions average | Current 14 days admissions average | Percentage change in admissions | Previous 14 days deaths average | Current 14 days deaths average | Percentage change in deaths |
|-----------------|-------------------------------------|------------------------------------|---------------------------------|---------------------------------|--------------------------------|-----------------------------|
| Amajuba         | 14.43                               | 6.93                               | -51.98                          | 0.57                            | 0.93                           | 62.50                       |
| eThekweni Metro | 121.57                              | 74.50                              | -38.72                          | 7.79                            | 8.43                           | 8.26                        |
| Harry Gwala     | 9.07                                | 11.21                              | 23.62                           | 0.50                            | 1.00                           | 100.00                      |
| iLembe          | 8.07                                | 4.64                               | -42.48                          | 0.07                            | 0.21                           | 200.00                      |
| King Cetshwayo  | 27.93                               | 25.57                              | -8.44                           | 0.93                            | 2.07                           | 123.08                      |
| Ugu             | 21.71                               | 16.57                              | -23.68                          | 0.71                            | 1.86                           | 160.00                      |
| uMgungundlovu   | 35.86                               | 26.00                              | -27.49                          | 1.00                            | 3.86                           | 285.71                      |
| uMkhanyakude    | 3.00                                | 4.14                               | 38.10                           | 0.00                            | 0.29                           | 0.00                        |
| Umzinyathi      | 8.71                                | 5.29                               | -39.34                          | 1.00                            | 1.14                           | 14.29                       |
| UThukela        | 10.79                               | 10.14                              | -5.96                           | 0.57                            | 1.29                           | 125.00                      |
| Zululand        | 10.93                               | 7.57                               | -30.72                          | 0.93                            | 1.57                           | 69.23                       |

# COVID-19 HOSPITAL SURVEILLANCE UPDATE

WEEK 1 2022

## LIMPOPO

In the first wave there were roughly equal numbers of admissions in both sectors, but in the second, third and fourth waves there were higher numbers of admissions in the public sector. Following an increase in admissions in both sectors since week 46, there has been decreased admissions since week 50 (Figure 19). Weekly admissions at the peak of the fourth wave were lower than the weekly numbers of admissions at the peak of the second and third waves in both sectors.



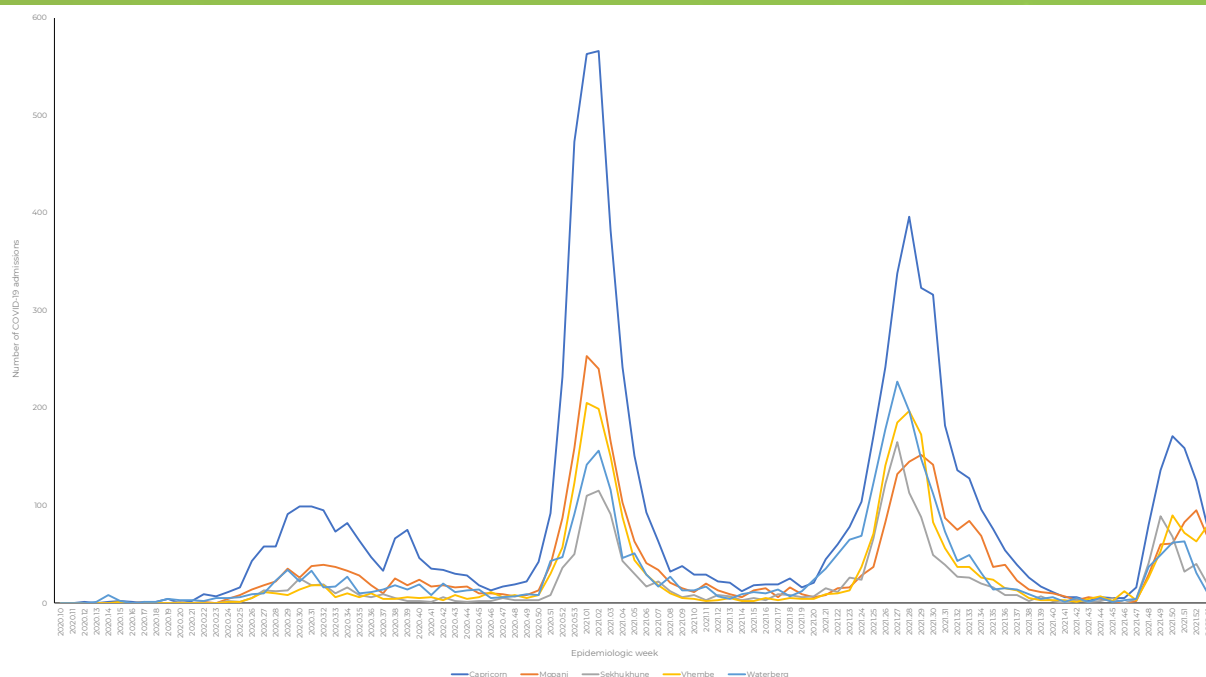
**Figure 19:** Number of reported COVID-19 admissions by health sector and epidemiologic week of diagnosis, Limpopo, 5 March 2020-8 January 2022, N=19,375



# COVID-19 HOSPITAL SURVEILLANCE UPDATE

WEEK 1 2022

There has been an increase in admissions in all districts since week 46 and decreased admissions since week 50 (Figure 20). Weekly admissions at the peak of the fourth wave were lower than the weekly numbers of admissions at the peak of the second and third waves in all districts.

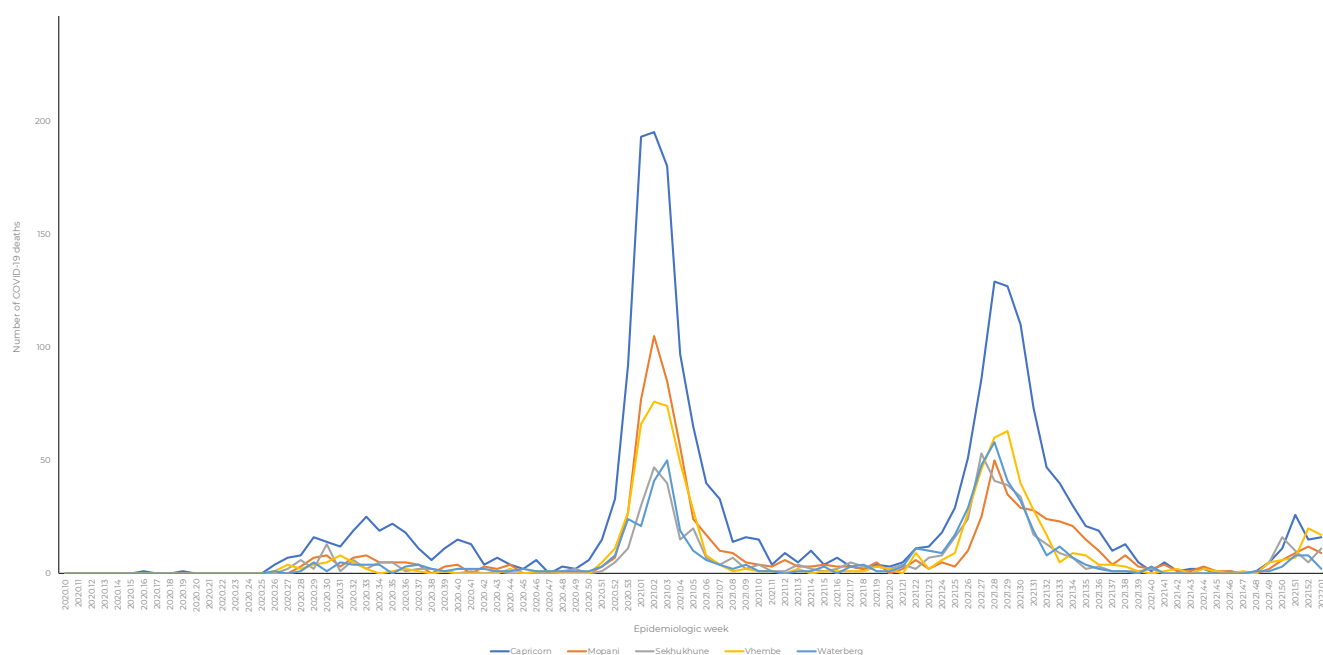


**Figure 20:** Number of reported COVID-19 admissions, by district and epidemiologic week, Limpopo, 5 March 2020-8 January 2022, N=19,375

# COVID-19 HOSPITAL SURVEILLANCE UPDATE

WEEK 1 2022

There has been a small increase in the numbers of deaths in all districts (Figure 21). Weekly deaths during the fourth wave were lower than the weekly numbers of deaths at the peak of the second and third waves in all districts.



**Figure 21:** Number of reported COVID-19 in-hospital deaths, by district and epidemiologic week, Limpopo, 5 March 2020-8 January 2022, N=5,108

There has been a decrease in average daily COVID-19 admissions comparing the previous 14 days and the current 14 days in all districts except Mopani (Table 9).

**Table 8:** Previous 14 days and current 14 days average COVID-19 admissions and deaths and percentage changes, Limpopo, 11 December 2021-8 January 2022.

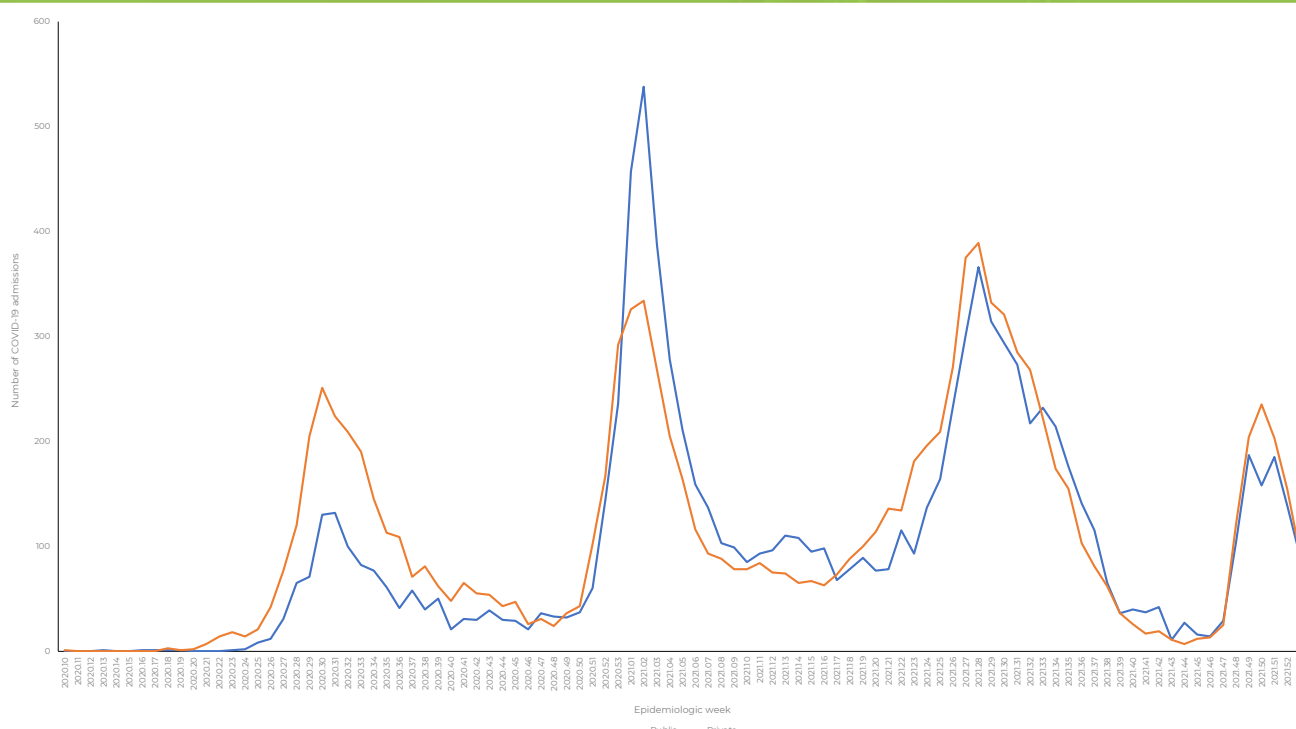
| District   | Previous 14 days admissions average | Current 14 days admissions average | Percentage change in admissions | Previous 14 days deaths average | Current 14 days deaths average | Percentage change in deaths |
|------------|-------------------------------------|------------------------------------|---------------------------------|---------------------------------|--------------------------------|-----------------------------|
| Capricorn  | 23.57                               | 14.29                              | -39.39                          | 2.64                            | 2.21                           | -16.22                      |
| Mopani     | 10.21                               | 11.50                              | 12.59                           | 1.07                            | 1.50                           | 40.00                       |
| Sekhukhune | 7.14                                | 4.14                               | -42.00                          | 1.86                            | 1.14                           | -38.46                      |
| Vhembe     | 11.57                               | 10.21                              | -11.73                          | 0.93                            | 2.64                           | 184.62                      |
| Waterberg  | 8.93                                | 2.86                               | -68.00                          | 0.79                            | 0.71                           | -9.09                       |

# COVID-19 HOSPITAL SURVEILLANCE UPDATE

WEEK 1 2022

## MPUMALANGA

In the first and fourth waves there were higher numbers of admissions in the private sector, in the second wave there were higher numbers of admissions in the public sector, and in the third wave there were equal numbers of admissions in both sectors. Following an increase in admissions in both sectors since week 46, there has been decreased admissions since week 50 (Figure 22). Weekly admissions at the peak of the fourth wave were lower than the weekly numbers of admissions at the peak of the second and third waves in both sectors.

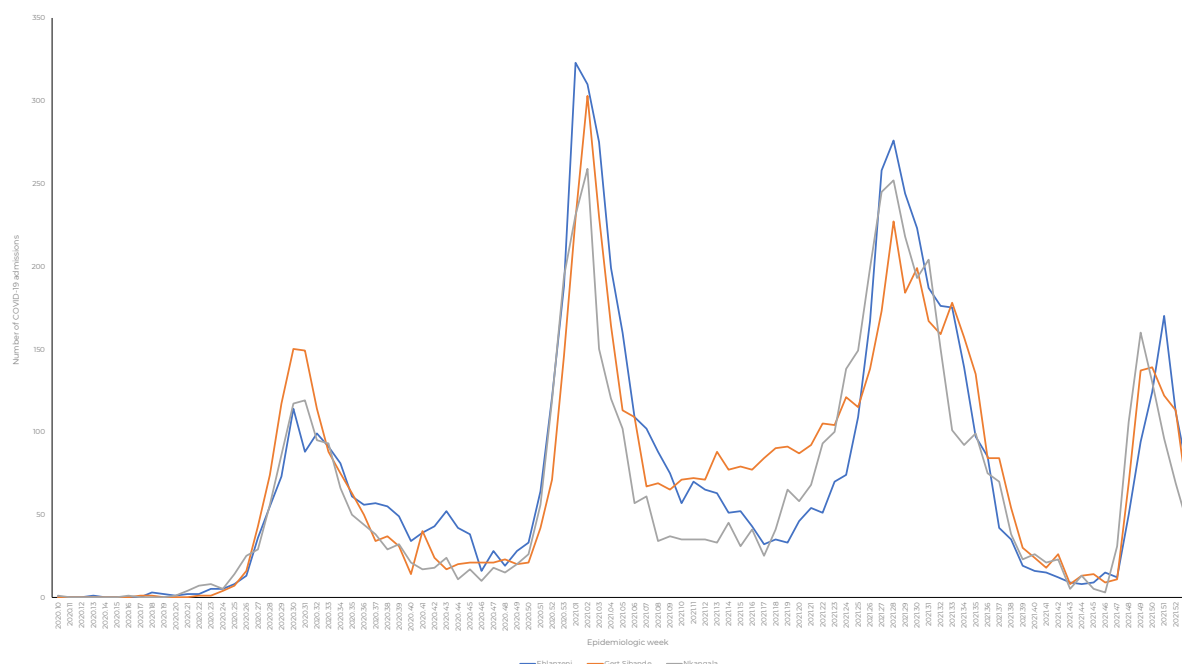


**Figure 22:** Number of reported COVID-19 admissions by health sector and epidemiologic week of diagnosis, Mpumalanga, 5 March 2020-8 January 2022, N=20,375

# COVID-19 HOSPITAL SURVEILLANCE UPDATE

WEEK 1 2022

There has been an increase in the number of weekly admissions in all districts since week 46 and decreased admissions in since week 50 (Figure 23). Weekly admissions at the peak of the fourth wave were lower than the weekly numbers of admissions at the peak of the second and third waves in all districts.

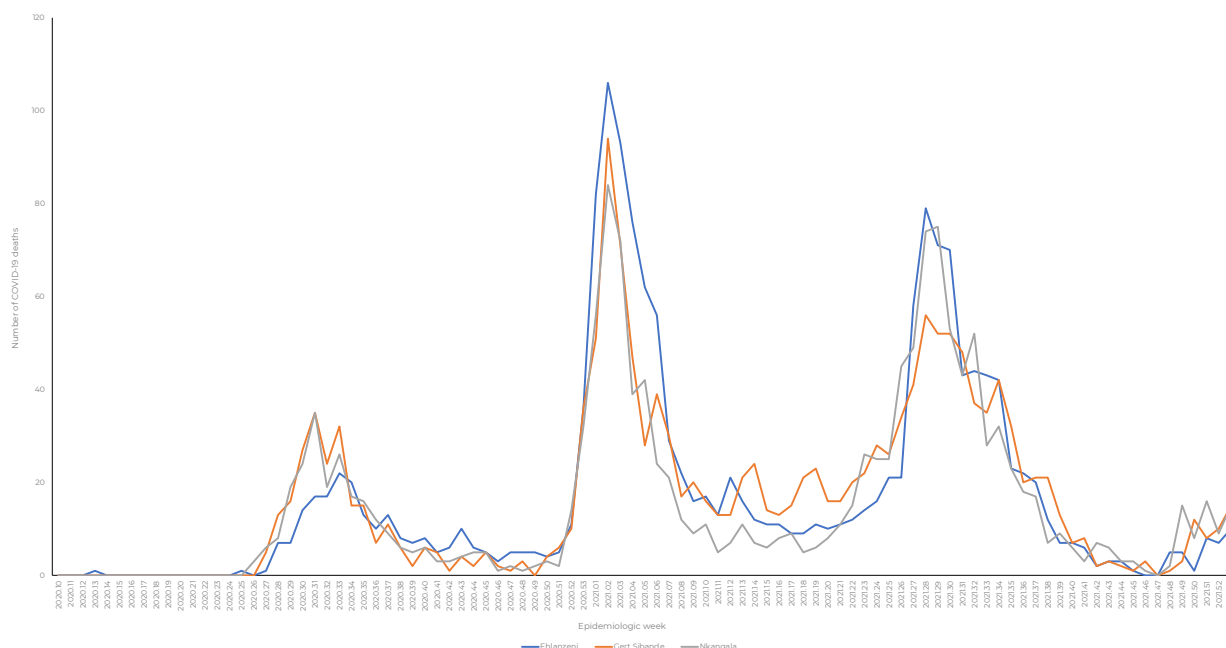


**Figure 23:** Number of reported COVID-19 admissions, by district and epidemiologic week, Mpumalanga, 5 March 2020-8 January 2022, N=20,375

# COVID-19 HOSPITAL SURVEILLANCE UPDATE

WEEK 1 2022

There has been a small increase in the number of deaths in all districts (Figure 24). Weekly deaths during the fourth wave were lower than the weekly numbers of deaths at the peak of the prior three waves in all districts.



**Figure 24:** Number of reported COVID-19 in-hospital deaths, by district and epidemiologic week, Mpumalanga, 5 March 2020-8 January 2022, N=4,662

There has been a decrease in average daily COVID-19 admissions comparing the previous 14 days and the current 14 days in all districts (Table 10).

**Table 10:** Previous 14 days and current 14 days average COVID-19 admissions and deaths and percentage changes, Mpumalanga, 11 December 2021-8 January 2022.

| District     | Previous 14 days admissions average | Current 14 days admissions average | Percentage change in admissions | Previous 14 days deaths average | Current 14 days deaths average | Percentage change in deaths |
|--------------|-------------------------------------|------------------------------------|---------------------------------|---------------------------------|--------------------------------|-----------------------------|
| Ehlanzeni    | 21.00                               | 13.43                              | -36.05                          | 0.64                            | 1.21                           | 88.89                       |
| Gert Sibande | 18.64                               | 12.36                              | -33.72                          | 1.43                            | 1.79                           | 25.00                       |
| Nkangala     | 16.14                               | 8.07                               | -50.00                          | 1.71                            | 1.71                           | 0.00                        |

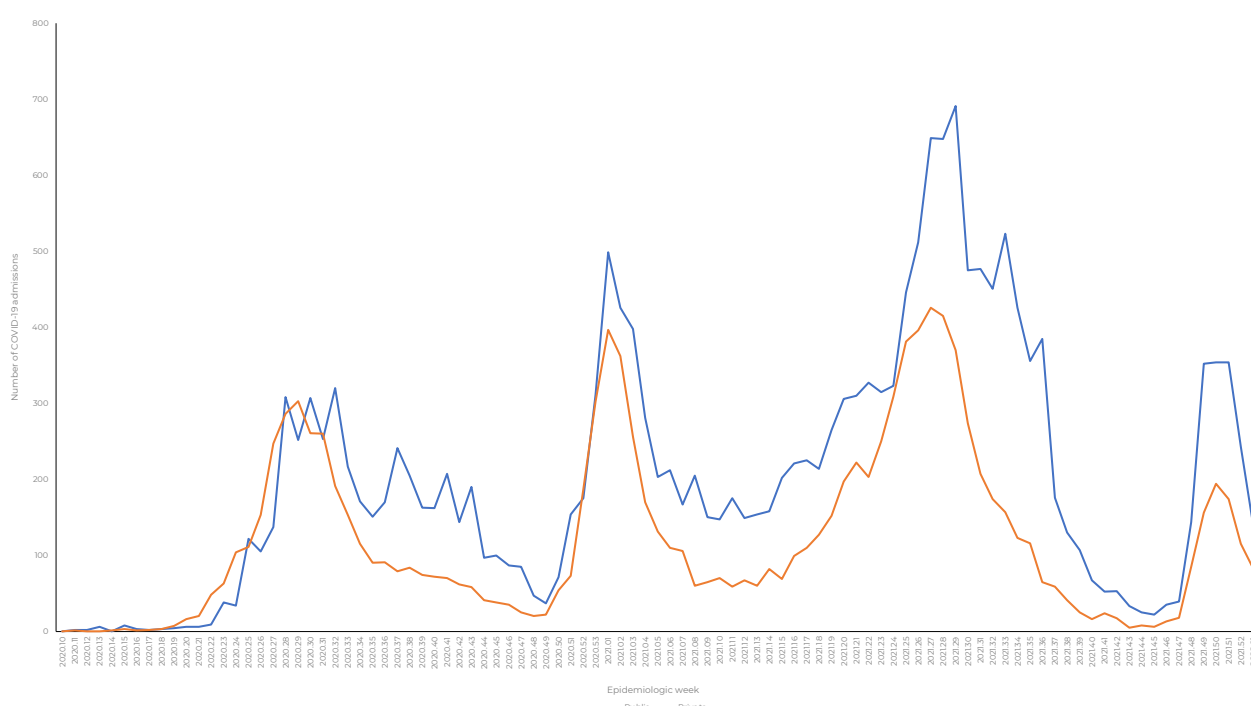


# COVID-19 HOSPITAL SURVEILLANCE UPDATE

WEEK 1 2022

## NORTH WEST

In all four waves there were higher numbers of admissions in the public sector. Following an increase in admissions in both sectors since week 46, there has been decreased admissions since week 50 (Figure 25). Weekly admissions at the peak of the fourth wave were lower than the weekly numbers of admissions at the peak of the second and third waves in both sectors.

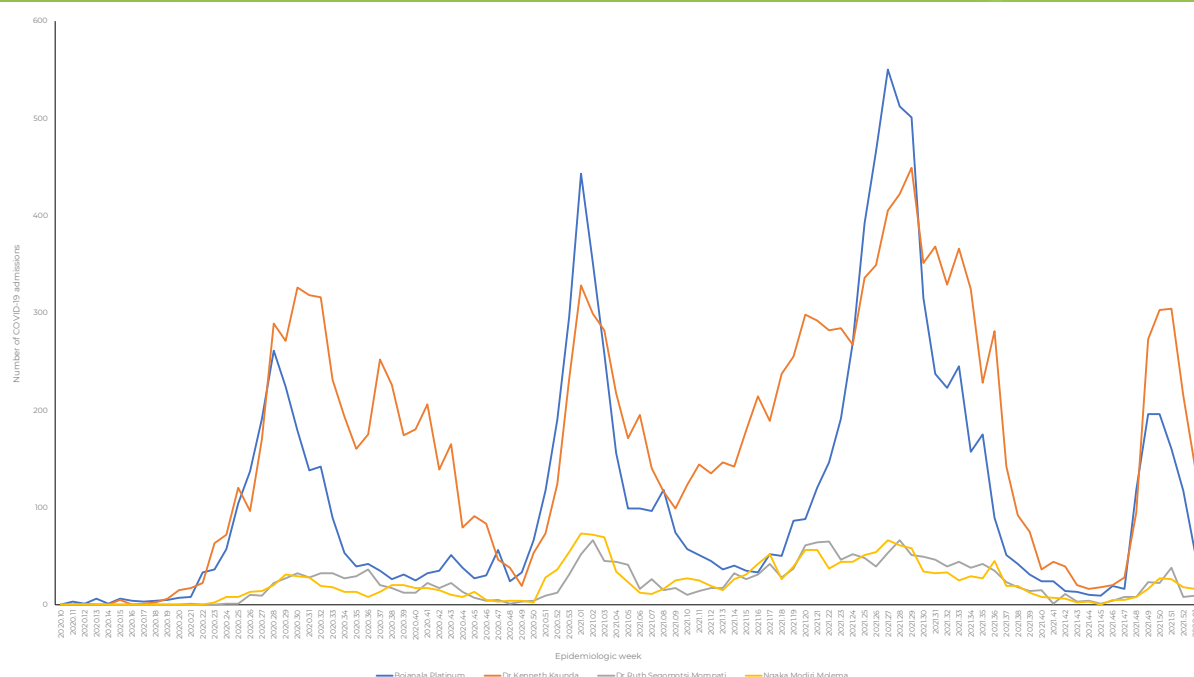


**Figure 25:** Number of reported COVID-19 admissions by health sector and epidemiologic week of diagnosis, North West, 5 March 2020–8 January 2022, N=31,186

# COVID-19 HOSPITAL SURVEILLANCE UPDATE

WEEK 1 2022

There has been an increase in the numbers of weekly admissions in all districts since week 46 and decreased admissions since week 50 (Figure 26). Weekly admissions at the peak of the fourth wave were lower than the weekly numbers of admissions at the peak of the second and third waves in all districts.

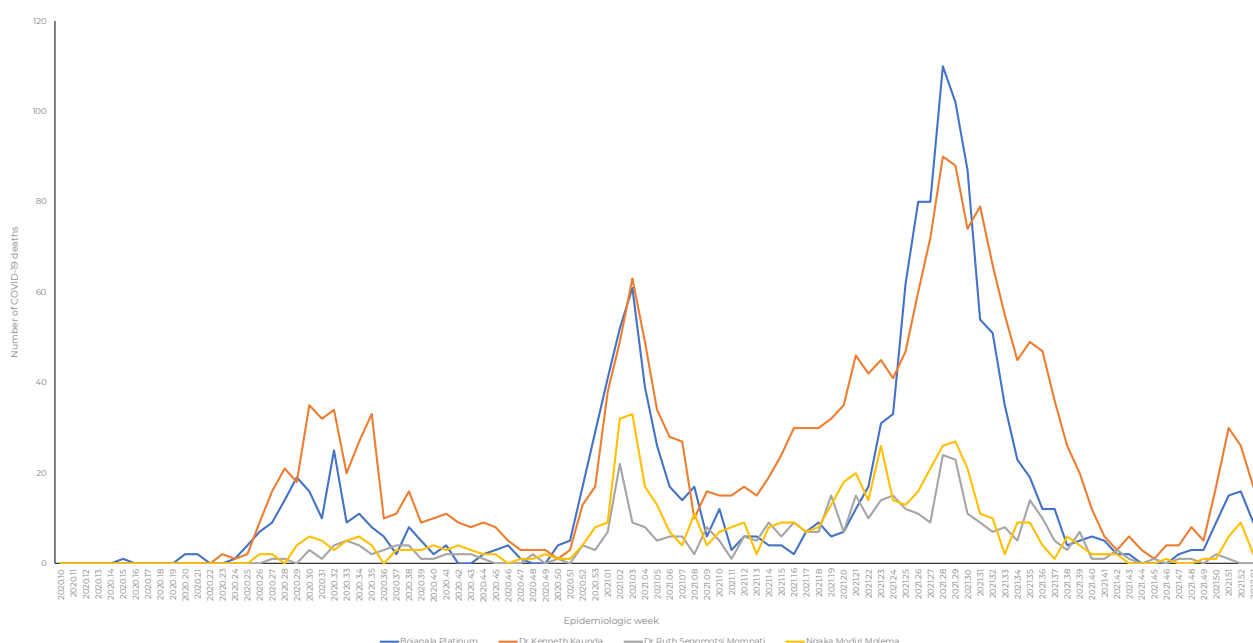


**Figure 26.** Number of reported COVID-19 admissions, by district and epidemiologic week, North West, 5 March 2020-8 January 2022, N=31,186

# COVID-19 HOSPITAL SURVEILLANCE UPDATE

WEEK 1 2022

There has been an increase in deaths in Dr Kenneth Kaunda and Bojanala Platinum district (Figure 27). Weekly deaths during the fourth wave were lower than the weekly numbers of deaths at the peak of the second and third waves in all districts.



**Figure 27:** Number of reported COVID-19 in-hospital deaths, by district and epidemiologic week, North West, 5 March 2020-8 January 2022, N=4,630

There has been a decrease in average daily COVID-19 admissions comparing the previous 14 days and the current 14 days in all districts (Table 11).

**Table 11:** Previous 14 days and current 14 days average COVID-19 admissions and deaths and percentage changes, North West, 11 December 2021-8 January 2022.

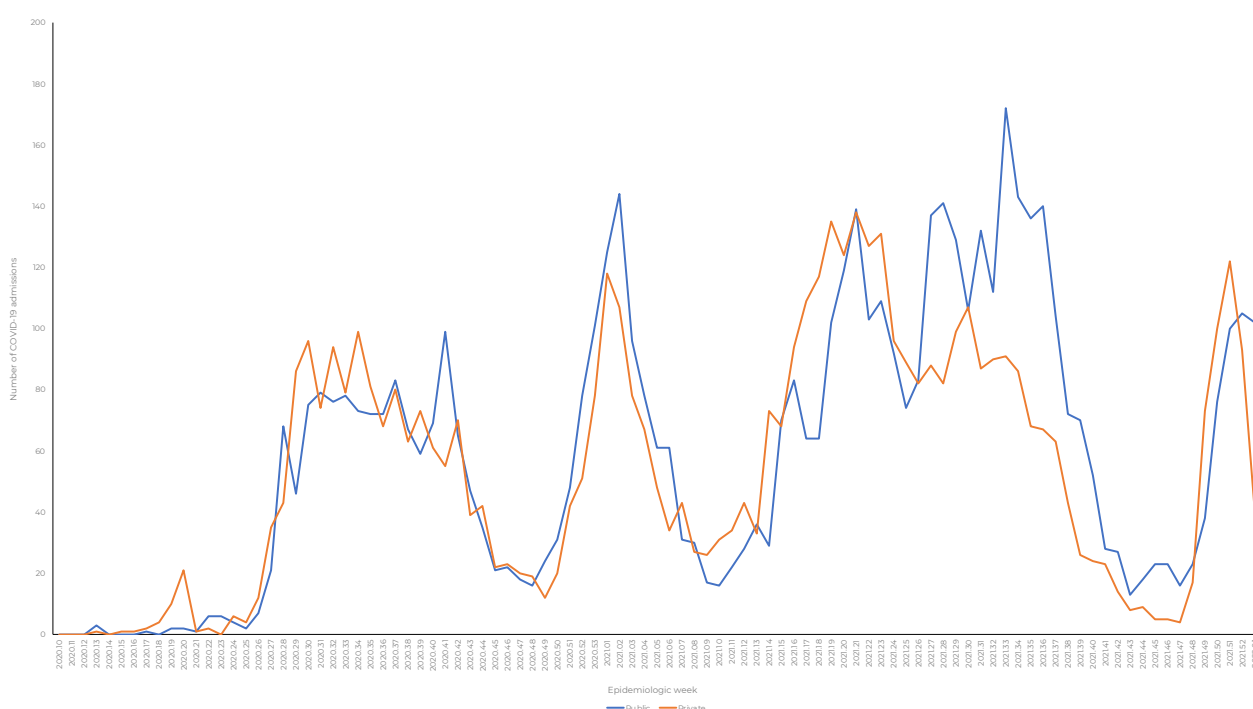
| District                  | Previous 14 days admissions average | Current 14 days admissions average | Percentage change in admissions | Previous 14 days deaths average | Current 14 days deaths average | Percentage change in deaths |
|---------------------------|-------------------------------------|------------------------------------|---------------------------------|---------------------------------|--------------------------------|-----------------------------|
| Bojanala Platinum         | 25.43                               | 12.14                              | -52.25                          | 1.71                            | 1.79                           | 4.17                        |
| Dr Kenneth Kaunda         | 43.36                               | 25.43                              | -41.35                          | 3.36                            | 3.07                           | -8.51                       |
| Dr Ruth Segomotsi Mompoti | 4.29                                | 1.21                               | -71.67                          | 0.21                            | 0.00                           | -100.00                     |
| Ngaka Modiri Molema       | 3.79                                | 2.43                               | -35.85                          | 0.50                            | 0.79                           | 57.14                       |

# COVID-19 HOSPITAL SURVEILLANCE UPDATE

WEEK 1 2022

## NORTHERN CAPE

In all four waves there were roughly equal numbers of admissions in both sectors. Following an increase in admissions in both sectors since week 47, there has been decreased admissions since last week (Figure 28). Weekly admissions in the fourth wave were lower than the weekly numbers of admissions at the peak of the second and third waves in both sectors.

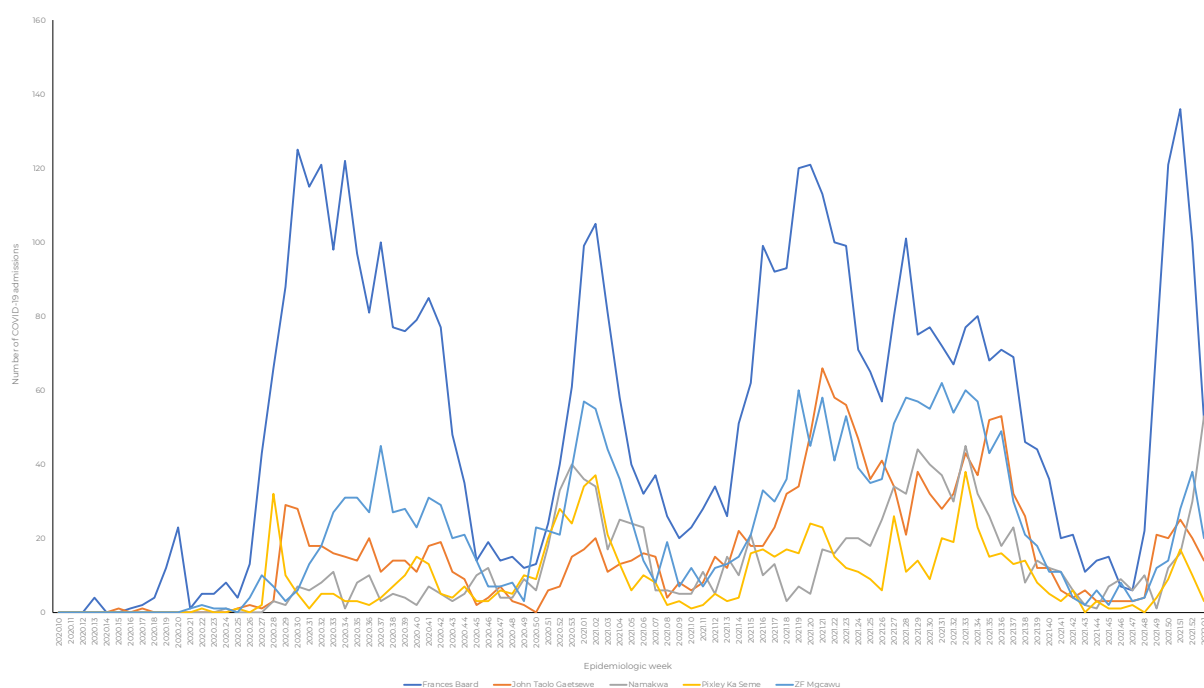


**Figure 28:** Number of reported COVID-19 admissions by health sector and epidemiologic week of diagnosis, Northern Cape, 5 March 2020-8 January 2022, N=10,887

# COVID-19 HOSPITAL SURVEILLANCE UPDATE

WEEK 1 2022

There has been an increase in weekly admissions in all districts since week 47 and decreased admissions in the past week (Figure 29). Weekly admissions in the fourth wave exceeded the weekly number of admissions during the peak of the prior three waves in Frances Baard districts, but lower than the prior three waves in the other districts.



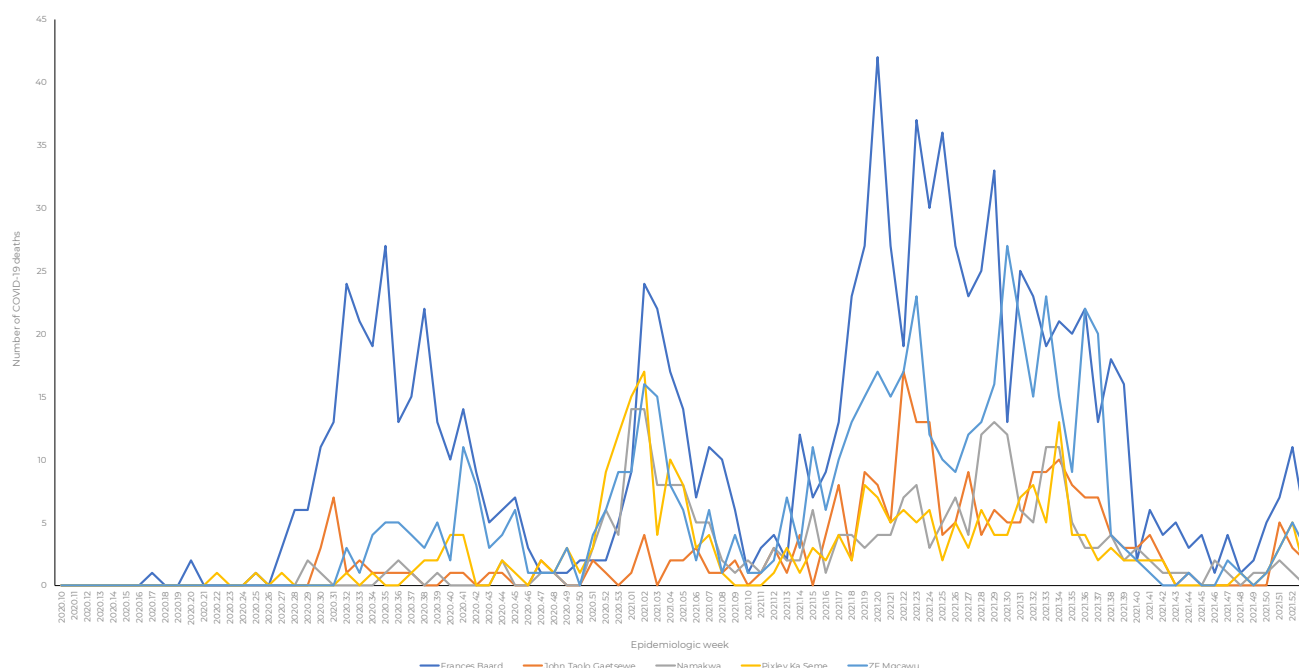
**Figure 29:** Number of reported COVID-19 admissions by district and epidemiologic week, Northern Cape, 5 March 2020-8 January 2022, N=10,887



# COVID-19 HOSPITAL SURVEILLANCE UPDATE

WEEK 1 2022

There has been a small increase in deaths in all districts (Figure 30). Weekly deaths during the fourth wave were lower than the weekly numbers of deaths at the peak of the prior three waves in all districts.



**Figure 30:** Number of reported COVID-19 in-hospital deaths, by district and epidemiologic week, Northern Cape, 5 March 2020-8 January 2022, N=2,347

There has been a decrease in average daily COVID-19 admissions comparing the previous 14 days and the current 14 days in all districts except in Namakwa and ZF Mgcawu (Table 12).

**Table 12:** Previous 14 days and current 14 days average COVID-19 admissions and deaths and percentage changes, Northern Cape, 11 December 2021-8 January 2022.

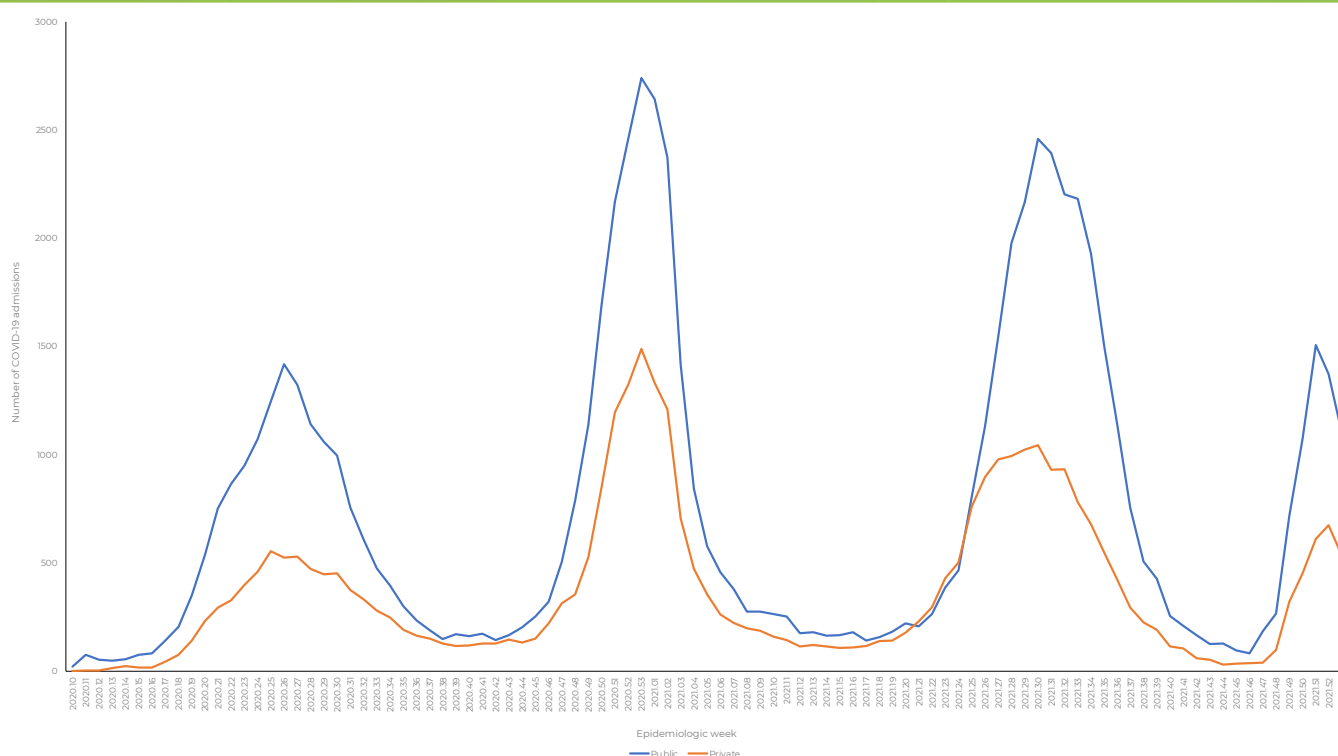
| District            | Previous 14 days admissions average | Current 14 days admissions average | Percentage change in admissions | Previous 14 days deaths average | Current 14 days deaths average | Percentage change in deaths |
|---------------------|-------------------------------------|------------------------------------|---------------------------------|---------------------------------|--------------------------------|-----------------------------|
| Frances Baard       | 18.36                               | 10.86                              | -40.86                          | 0.86                            | 1.14                           | 33.33                       |
| John Taolo Gaetsewe | 3.21                                | 2.43                               | -24.44                          | 0.36                            | 0.36                           | 0.00                        |
| Namakwa             | 2.00                                | 5.86                               | 192.86                          | 0.21                            | 0.07                           | -66.67                      |
| Pixley Ka Seme      | 1.86                                | 0.93                               | -50.00                          | 0.29                            | 0.43                           | 50.00                       |
| ZF Mgcawu           | 3.00                                | 4.14                               | 38.10                           | 0.29                            | 0.57                           | 100.00                      |

# COVID-19 HOSPITAL SURVEILLANCE UPDATE

WEEK 1 2022

## WESTERN CAPE

In all four waves there were higher numbers of admissions in the public sector. Following an increase in admissions in both sectors since week 47, there has been decreased admissions in the past week (Figure 31). Weekly admissions in the fourth wave were lower than the weekly numbers of admissions at the peak of the second and third waves in both sectors.

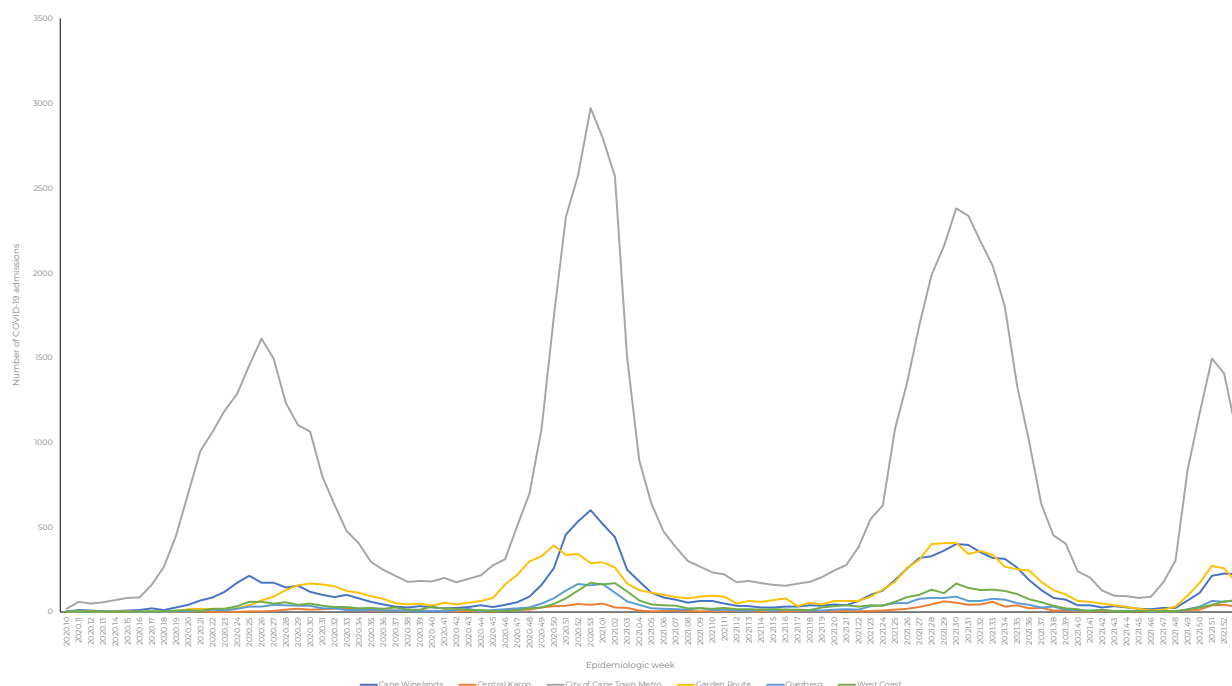


**Figure 31:** Number of reported COVID-19 admissions by health sector and epidemiologic week of diagnosis, Western Cape, 5 March 2020-8 January 2022, N=107,557

# COVID-19 HOSPITAL SURVEILLANCE UPDATE

WEEK 1 2022

There has been an increase in admissions in all districts since week 47 and decreased admissions in the past week (Figure 32). Weekly admissions during the fourth wave were lower than the weekly numbers of admissions at the peak of the second and third waves in all districts.

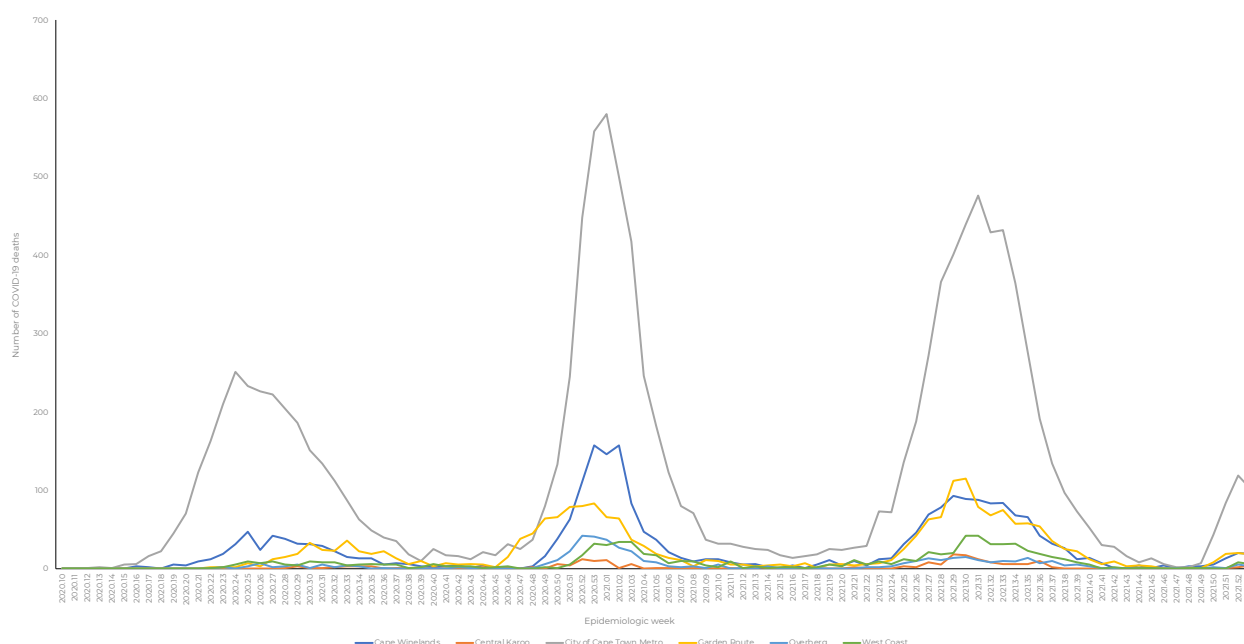


**Figure 32:** Number of reported COVID-19 admissions, by district and epidemiologic week, Western Cape, 5 March 2020-8 January 2022, N=107,557

# COVID-19 HOSPITAL SURVEILLANCE UPDATE

WEEK 1 2022

There has been a small increase in the numbers of deaths in City of Cape Town Metro (Figure 33). Weekly deaths during the fourth wave were lower than the weekly numbers of deaths at the peak of the prior three waves in all districts.



**Figure 33:** Number of reported COVID-19 in-hospital deaths, by district and epidemiologic week, Western Cape, 5 March 2020-8 January 2022, N=17,799

There has been a decrease in average daily COVID-19 admissions comparing the previous 14 days and the current 14 days in City of Cape Town Metro and Garden Route (Table 13).

**Table 13:** Previous 14 days and current 14 days average COVID-19 admissions and deaths and percentage changes, Western Cape, 11 December 2021-8 January 2022.

| District                | Previous 14 days admissions average | Current 14 days admissions average | Percentage change in admissions | Previous 14 days deaths average | Current 14 days deaths average | Percentage change in deaths |
|-------------------------|-------------------------------------|------------------------------------|---------------------------------|---------------------------------|--------------------------------|-----------------------------|
| Cape Winelands          | 23.21                               | 31.93                              | 37.54                           | 1.29                            | 2.79                           | 116.67                      |
| Central Karoo           | 3.57                                | 5.14                               | 44.00                           | 0.07                            | 0.43                           | 500.00                      |
| City of Cape Town Metro | 190.57                              | 176.50                             | -7.38                           | 9.07                            | 15.79                          | 74.02                       |
| Garden Route            | 31.57                               | 31.07                              | -1.58                           | 1.93                            | 2.71                           | 40.74                       |
| Overberg                | 6.71                                | 9.14                               | 36.17                           | 0.21                            | 0.57                           | 166.67                      |
| West Coast              | 4.86                                | 9.14                               | 88.24                           | 0.00                            | 1.00                           | 0.00                        |

# COVID-19 HOSPITAL SURVEILLANCE UPDATE

WEEK 1 2022

## LIMITATIONS

DATCOV now includes reporting from all hospitals with COVID-19 admissions but many hospitals are yet to reach complete submission of historic data. Data quality in a surveillance system is dependent on the information submitted by healthcare institutions. It is not possible for the NICD to verify or check the quality of all these data, however, the NICD has built-in data quality checks. Delays in reporting of admissions and deaths may affect the numbers reported in the most recent week. The National Department of Health have recruited data capturers to support hospitals to improve data submission.

As hospitals reached capacity, admission criteria may change and therefore influence trends and inferences about the progression of the epidemic. DATCOV only reports hospital-based admissions and deaths and therefore does not include deaths occurring outside hospitals. DATCOV now has a module to record out-of-hospital deaths.

Severity data has some inherent limitations. We rely on a proxy indicator for severity and do not have clinical or laboratory parameters to ascertain clinical severity. In the early and late phases of the wave there is likely to be lower severity due to there being sufficient hospital capacity. It may take a few weeks for hospitalisation outcomes to accumulate. Early reporting on case fatality ratio is also biased particularly in older adults who may have longer admissions and are more likely to die.



# COVID-19 HOSPITAL SURVEILLANCE UPDATE

WEEK 1 2022

## ACKNOWLEDGEMENTS

All public and private sector hospitals submitting data to DATCOV

Private hospital groups submitting data to DATCOV:

- Netcare
- Life Healthcare
- Mediclinic Southern Africa
- National Hospital Network (NHN)
- Clinix Health Group
- Lenmed
- Joint Medical Holdings (JMH)

# COVID-19 HOSPITAL SURVEILLANCE UPDATE

WEEK 1 2022

## APPENDIX

**Table 14:** Percentage incidence change in hospital admissions over 14 days, by district, South Africa, 18 December 2021-8 January 2022.

| Province      | District                   | Total admissions | Incidence (per 100k) | New admissions | New admissions incidence (per 100k) | % average change (14 days) |
|---------------|----------------------------|------------------|----------------------|----------------|-------------------------------------|----------------------------|
| Eastern Cape  | Alfred Nzo                 | 2580             | 310.00               | 49             | 5.89                                | -9.26                      |
|               | Amathole                   | 3180             | 397.90               | 52             | 6.51                                | -38.10                     |
|               | Buffalo City Metro         | 10021            | 1251.26              | 132            | 16.48                               | -40.27                     |
|               | Chris Hani                 | 4974             | 683.57               | 76             | 10.44                               | -19.15                     |
|               | Joe Gqabi                  | 1130             | 327.57               | 18             | 5.22                                | -45.45                     |
|               | Nelson Mandela Bay Metro   | 15741            | 1297.63              | 204            | 16.82                               | -23.88                     |
|               | O R Tambo                  | 4677             | 305.25               | 33             | 2.15                                | -25.00                     |
|               | Sarah Baartman             | 3198             | 660.99               | 59             | 12.19                               | -36.56                     |
| Free State    | Fezile Dabi                | 3426             | 671.60               | 33             | 6.47                                | -38.89                     |
|               | Lejweleputswa              | 6018             | 920.75               | 76             | 11.63                               | -32.74                     |
|               | Mangaung Metro             | 13862            | 1591.65              | 224            | 25.72                               | -24.07                     |
|               | Thabo Mofutsanyana         | 5333             | 697.29               | 66             | 8.63                                | -47.20                     |
|               | Xhariep                    | 686              | 529.96               | 13             | 10.04                               | -27.78                     |
| Gauteng       | City of Johannesburg Metro | 50126            | 854.44               | 338            | 5.76                                | -31.02                     |
|               | City of Tshwane Metro      | 38862            | 1042.13              | 400            | 10.73                               | -24.81                     |
|               | Ekurhuleni Metro           | 30562            | 767.46               | 218            | 5.47                                | -34.93                     |
|               | Sedibeng                   | 8783             | 919.18               | 46             | 4.81                                | -50.54                     |
|               | West Rand                  | 12361            | 1294.70              | 99             | 10.37                               | -31.72                     |
| KwaZulu-Natal | Amajuba                    | 4432             | 776.83               | 34             | 5.96                                | -54.05                     |
|               | eThekweni Metro            | 35925            | 902.36               | 470            | 11.81                               | -26.10                     |
|               | Harry Gwala                | 2472             | 480.91               | 74             | 14.40                               | -14.94                     |
|               | iLembe                     | 2883             | 415.09               | 31             | 4.46                                | -8.82                      |
|               | King Cetshwayo             | 8608             | 886.81               | 153            | 15.76                               | -31.08                     |
|               | Ugu                        | 5293             | 660.20               | 93             | 11.60                               | -41.88                     |
|               | uMgungundlovu              | 10528            | 915.93               | 152            | 13.22                               | -38.96                     |

# COVID-19 HOSPITAL SURVEILLANCE UPDATE

WEEK 1 2022

| Province      | District                  | Total admissions | Incidence (per 100k) | New admissions | New admissions incidence (per 100k) | % average change (14 days) |
|---------------|---------------------------|------------------|----------------------|----------------|-------------------------------------|----------------------------|
|               | uMkhanyakude              | 1401             | 203.96               | 26             | 3.79                                | -23.53                     |
|               | Umzinyathi                | 1875             | 330.36               | 32             | 5.64                                | -23.81                     |
|               | UThukela                  | 2961             | 414.58               | 66             | 9.24                                | -24.14                     |
|               | Zululand                  | 2203             | 250.11               | 40             | 4.54                                | -41.18                     |
| Limpopo       | Capricorn                 | 8149             | 623.03               | 83             | 6.35                                | -45.75                     |
|               | Mopani                    | 3513             | 296.49               | 68             | 5.74                                | -40.35                     |
|               | Sekhukhune                | 1943             | 163.24               | 18             | 1.51                                | -60.87                     |
|               | Vhembe                    | 2759             | 193.31               | 83             | 5.82                                | 20.29                      |
|               | Waterberg                 | 3063             | 412.68               | 11             | 1.48                                | -70.27                     |
| Mpumalanga    | Ehlanzeni                 | 7105             | 388.52               | 82             | 4.48                                | -37.40                     |
|               | Gert Sibande              | 7073             | 569.41               | 61             | 4.91                                | -51.20                     |
|               | Nkangala                  | 6223             | 386.79               | 46             | 2.86                                | -36.99                     |
| North West    | Bojanala Platinum         | 10837            | 562.04               | 56             | 2.90                                | -54.84                     |
|               | Dr Kenneth Kaunda         | 16173            | 2027.41              | 154            | 19.31                               | -33.62                     |
|               | Dr Ruth Segomotsi Mompati | 2127             | 449.61               | 9              | 1.90                                | -10.00                     |
|               | Ngaka Modiri Molema       | 2079             | 228.50               | 16             | 1.76                                | -11.11                     |
| Northern Cape | Frances Baard             | 5152             | 1241.71              | 56             | 13.50                               | -51.72                     |
|               | John Taolo Gaetsewe       | 1565             | 576.48               | 14             | 5.16                                | -33.33                     |
|               | Namakwa                   | 1185             | 1024.97              | 57             | 49.30                               | 83.87                      |
|               | Pixley Ka Seme            | 864              | 409.70               | 4              | 1.90                                | -60.00                     |
|               | ZF Mgcawu                 | 2146             | 766.70               | 21             | 7.50                                | -53.33                     |
| Western Cape  | Cape Winelands            | 12173            | 1293.26              | 310            | 32.93                               | -1.27                      |
|               | Central Karoo             | 1282             | 1706.76              | 38             | 50.59                               | -36.67                     |
|               | City of Cape Town Metro   | 76342            | 1657.81              | 1608           | 34.92                               | -26.10                     |
|               | Garden Route              | 12221            | 1959.57              | 243            | 38.96                               | -27.46                     |
|               | Overberg                  | 2915             | 971.96               | 81             | 27.01                               | 9.46                       |
|               | West Coast                | 3985             | 864.78               | 90             | 19.53                               | 3.45                       |

# COVID-19 HOSPITAL SURVEILLANCE UPDATE

WEEK 1 2022

## APPENDIX

**Table 15:** Number of reported COVID-19 admissions and in-hospital deaths by age and gender, South Africa, 5 March 2020-8 January 2022.

| Age (years)  | ADMISSIONS    |               |            |               | DEATHS       |              |           |              |
|--------------|---------------|---------------|------------|---------------|--------------|--------------|-----------|--------------|
|              | Female        | Male          | Unknown    | Total         | Female       | Male         | Unknown   | Total        |
| 0-4          | 4966          | 6150          | 33         | 11149         | 163          | 173          | 2         | 338          |
| 5-9          | 1391          | 1814          | 7          | 3212          | 25           | 26           | 0         | 51           |
| 10-14        | 2101          | 2058          | 9          | 4168          | 61           | 56           | 0         | 117          |
| 15-19        | 6072          | 3284          | 4          | 9360          | 133          | 121          | 0         | 254          |
| 20-24        | 9640          | 4772          | 7          | 14419         | 301          | 233          | 1         | 535          |
| 25-29        | 15383         | 6925          | 13         | 22321         | 681          | 452          | 0         | 1133         |
| 30-34        | 19797         | 11130         | 9          | 30936         | 1141         | 978          | 1         | 2120         |
| 35-39        | 20750         | 14849         | 19         | 35618         | 1697         | 1588         | 4         | 3289         |
| 40-44        | 18705         | 16597         | 13         | 35315         | 2102         | 2182         | 0         | 4284         |
| 45-49        | 20959         | 20600         | 13         | 41572         | 3059         | 3223         | 1         | 6283         |
| 50-54        | 24538         | 22914         | 11         | 47463         | 4226         | 4346         | 1         | 8573         |
| 55-59        | 27391         | 24763         | 12         | 52166         | 6011         | 6003         | 5         | 12019        |
| 60-64        | 24158         | 22145         | 20         | 46323         | 6457         | 6645         | 5         | 13107        |
| 65-69        | 20843         | 18556         | 16         | 39415         | 6678         | 6220         | 6         | 12904        |
| 70-74        | 17626         | 15513         | 18         | 33157         | 5891         | 5726         | 4         | 11621        |
| 75-79        | 13134         | 10804         | 11         | 23949         | 4634         | 4310         | 3         | 8947         |
| 80-84        | 9976          | 6925          | 8          | 16909         | 3788         | 2922         | 3         | 6713         |
| 85-89        | 5371          | 3314          | 2          | 8687          | 2092         | 1523         | 0         | 3615         |
| 90-94        | 2324          | 1139          | 1          | 3464          | 1015         | 568          | 0         | 1583         |
| >=95         | 730           | 348           | 2          | 1080          | 324          | 146          | 0         | 470          |
| Unknown      | 1173          | 1188          | 45         | 2406          | 69           | 113          | 0         | 182          |
| <b>Total</b> | <b>267028</b> | <b>215788</b> | <b>273</b> | <b>483089</b> | <b>50548</b> | <b>47554</b> | <b>36</b> | <b>98138</b> |