

COVID-19 TESTING SUMMARY



NATIONAL INSTITUTE FOR
COMMUNICABLE DISEASES

Division of the National Health Laboratory Service

SOUTH AFRICA WEEK 46 2021

OVERVIEW OF REPORT

This report summarises national laboratory testing for SARS-CoV-2, the virus causing COVID-19, in South Africa. This report is based on data for specimens reported up to 20 November 2021 (Week 46 of 2021).

HIGHLIGHTS

- The number of tests reported in week 46 of 2021 (n=176,135) was lower than the number of tests reported in the previous week.
- In week 46 the testing rate was highest in Gauteng (413 per 100,000 persons) and lowest in Limpopo (58 per 100,000 persons).
- In week 46 the percentage testing positive was 2.3%, which was 1.2% higher than the previous week.
- In week 46 compared to the previous week, the percentage testing positive increased in the North West, Gauteng, Mpumalanga and Limpopo provinces and decreased in the Northern Cape and Free State provinces. The percentage testing positive was unchanged in the Western Cape, Eastern Cape and KwaZulu-Natal provinces.
- The percentage testing positive in week 46 was highest in Gauteng (4.3%), followed by the Northern Cape (3.5%) and was less than 3% in all other provinces.

COVID-19 TESTING SUMMARY

SOUTH AFRICA WEEK 46 2021

Executive Summary:

- In the period 1 March 2020 through 20 November 2021, 18,994,278 tests for SARS-CoV-2 have been reported nationally: 16,355,368 PCR and 2,638,910 antigen tests.
- The number of tests reported in week 46 of 2021 (n=176,135: 142,121 PCR and 34,014 antigen tests) was lower than the number of tests reported in the previous week.
- Gauteng reported the largest proportion of tests (36.4%), followed by KwaZulu-Natal (19.6%) and Western Cape (15.3%).
- The overall testing rate decreased slightly from 317 per 100,000 persons in week 45 to 295 per 100,000 persons in week 46.
- In week 46, the testing rate decreased in the Northern Cape, Free State and Mpumalanga provinces and was similar to the previous week in all other provinces. The testing rate was highest in Gauteng (413 per 100,000 persons) and lowest in Limpopo (58 per 100,000 persons).
- The testing rate in week 46 was highest in the ≥80 years age group (664 per 100,000 persons).
- In week 46 the percentage testing positive was 2.3%, which was 1.2% higher than the previous week ($P<0.001$).
- In the past week the percentage testing positive increased by 1.2 % in the public sector (1.5% in week 45 to 2.7% in week 46, $P<0.001$) and by 1.3% in the private sector (0.8% in week 45 to 2.1% in week 46, $P<0.001$).
- In week 46, compared to the previous week, the percentage testing positive increased in the North West, Gauteng, Mpumalanga and Limpopo provinces, and decreased in the Northern Cape and Free State provinces. The percentage testing positive was unchanged in the Western Cape, Eastern Cape and KwaZulu-Natal provinces.
- The percentage testing positive in week 46 was highest in Gauteng (4.3%) followed by the Northern Cape (3.5%), and was less than 3% in all other provinces.
- The highest percentage testing positive was observed in the age groups 10-14 years (4.9%) followed by 20-24 years (4.7%).
- Health sub-districts showing the highest percentage testing positive are concentrated in the Northern Cape (n=7) and Gauteng (n=7).
- Antigen tests accounted for 19.3% (34,014/176,135) of tests reported in week 46, however the number of antigen tests is likely underestimated due to under-reporting and delayed reporting of antigen tests.
- In week 46 the public sector accounted for 74.6% of antigen tests reported. The majority of antigen tests have been reported from KwaZulu-Natal (33.0%) and Gauteng (19.0%) provinces.
- The mean turnaround time for PCR tests reported in week 46 was 0.8 days; 1.1 days in the public sector and 0.7 days in the private sector. Turnaround times for public sector PCR tests increased in the North West, Eastern Cape and Limpopo provinces in the past week and were <2 days in all provinces.
- The mean turnaround time for antigen tests reported in week 46 was 12.3 days in the public sector and 0.1 days in the private sector.

COVID-19 TESTING SUMMARY

SOUTH AFRICA

WEEK 46 2021

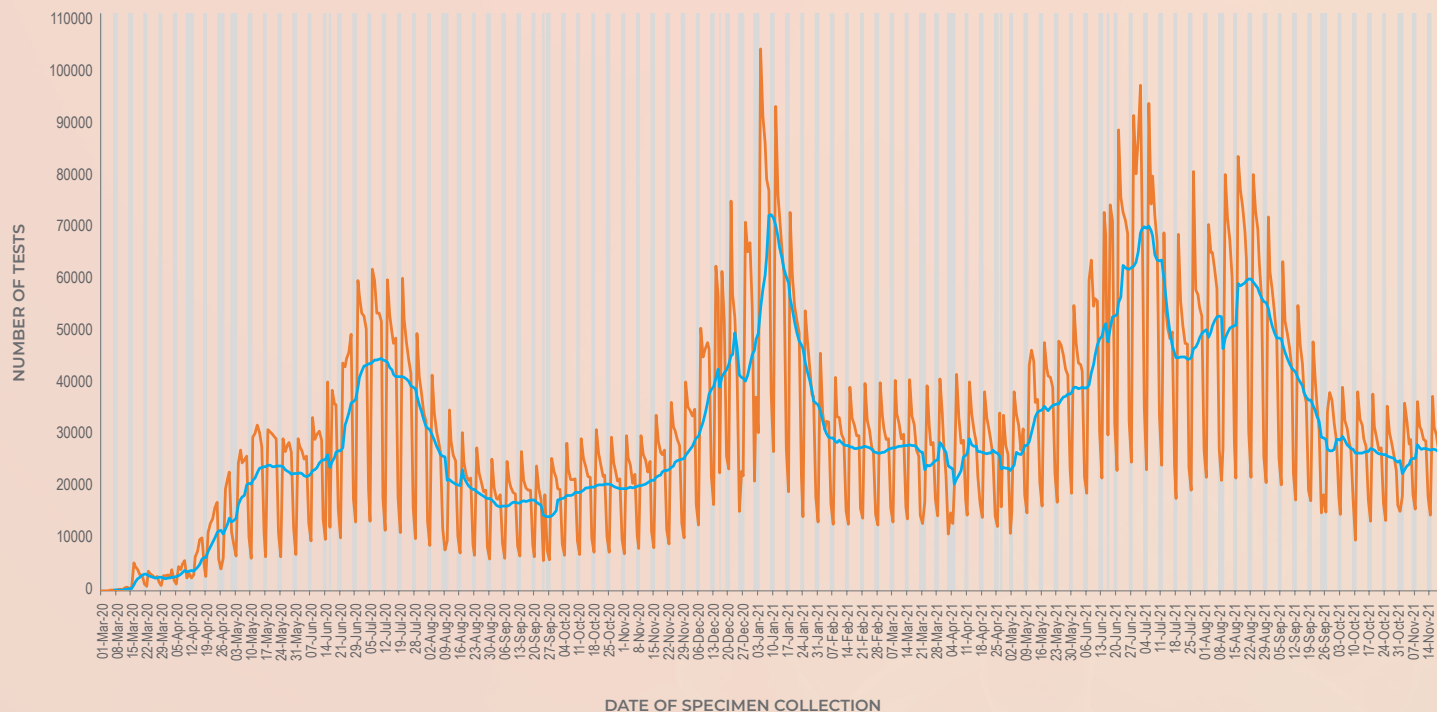


Figure 1. Number of SARS-CoV-2 tests reported by date of specimen collection, South Africa, 1 March 2020 – 20 November 2021. Blue line shows the 7-day moving average of the number of tests reported. Grey bars highlight weekend days and public holidays

COVID-19 TESTING SUMMARY

SOUTH AFRICA | WEEK 46 2021

Table 1. Weekly number of SARS-CoV-2 tests and positive tests reported, South Africa, 3 January – 20 November 2021

Week number	Week beginning	No. of tests n (%)	No. of positive tests	Percentage testing positive (%)
1	03-Jan-21	501286 (2.6)	151046	30.1
2	10-Jan-21	418037 (2.2)	104804	25.1
3	17-Jan-21	327464 (1.7)	63266	19.3
4	24-Jan-21	249581 (1.3)	34642	13.9
5	31-Jan-21	203713 (1.1)	22364	11.0
6	07-Feb-21	193306 (1.0)	16471	8.5
7	14-Feb-21	190660 (1.0)	12185	6.4
8	21-Feb-21	184701 (1.0)	10385	5.6
9	28-Feb-21	189705 (1.0)	8688	4.6
10	07-Mar-21	193402 (1.0)	8328	4.3
11	14-Mar-21	185516 (1.0)	8153	4.4
12	21-Mar-21	173167 (0.9)	7352	4.2
13	28-Mar-21	163946 (0.9)	7061	4.3
14	04-Apr-21	180858 (1.0)	7290	4.0
15	11-Apr-21	185318 (1.0)	8844	4.8
16	18-Apr-21	184885 (1.0)	9467	5.1
17	25-Apr-21	159993 (0.8)	9180	5.7
18	02-May-21	193907 (1.0)	13457	6.9
19	09-May-21	240042 (1.3)	19932	8.3
20	16-May-21	248467 (1.3)	24211	9.7
21	23-May-21	262377 (1.4)	29716	11.3
22	30-May-21	269953 (1.4)	35971	13.3
23	06-Jun-21	335834 (1.8)	58869	17.5
24	13-Jun-21	366486 (1.9)	86667	23.6
25	20-Jun-21	428726 (2.3)	116730	27.2
26	27-Jun-21	484784 (2.6)	143939	29.7
27	04-Jul-21	439345 (2.3)	139435	31.7
28	11-Jul-21	317019 (1.7)	99421	31.4
29	18-Jul-21	308697 (1.6)	86929	28.2
30	25-Jul-21	345696 (1.8)	86928	25.1
31	01-Aug-21	365655 (1.9)	86524	23.7
32	08-Aug-21	353323 (1.9)	81961	23.2
33	15-Aug-21	415076 (2.2)	93850	22.6
34	22-Aug-21	385612 (2.0)	76959	20.0
35	29-Aug-21	336386 (1.8)	53898	16.0
36	05-Sep-21	294139 (1.5)	37902	12.9
37	12-Sep-21	254478 (1.3)	23427	9.2
38	19-Sep-21	204001 (1.1)	13683	6.7
39	26-Sep-21	201371 (1.1)	9228	4.6
40	03-Oct-21	188793 (1.0)	6255	3.3
41	10-Oct-21	185484 (1.0)	4865	2.6
42	17-Oct-21	181791 (1.0)	3331	1.8
43	24-Oct-21	171406 (0.9)	2491	1.5
44	31-Oct-21	176069 (0.9)	1960	1.1
45	07-Nov-21	188764 (1.0)	2170	1.1
46	08-Nov-21	176135 (0.9)	4136	2.3
Total		18,994,278 (100.0)	3,119,287	

COVID-19 TESTING SUMMARY

SOUTH AFRICA WEEK 46 2021

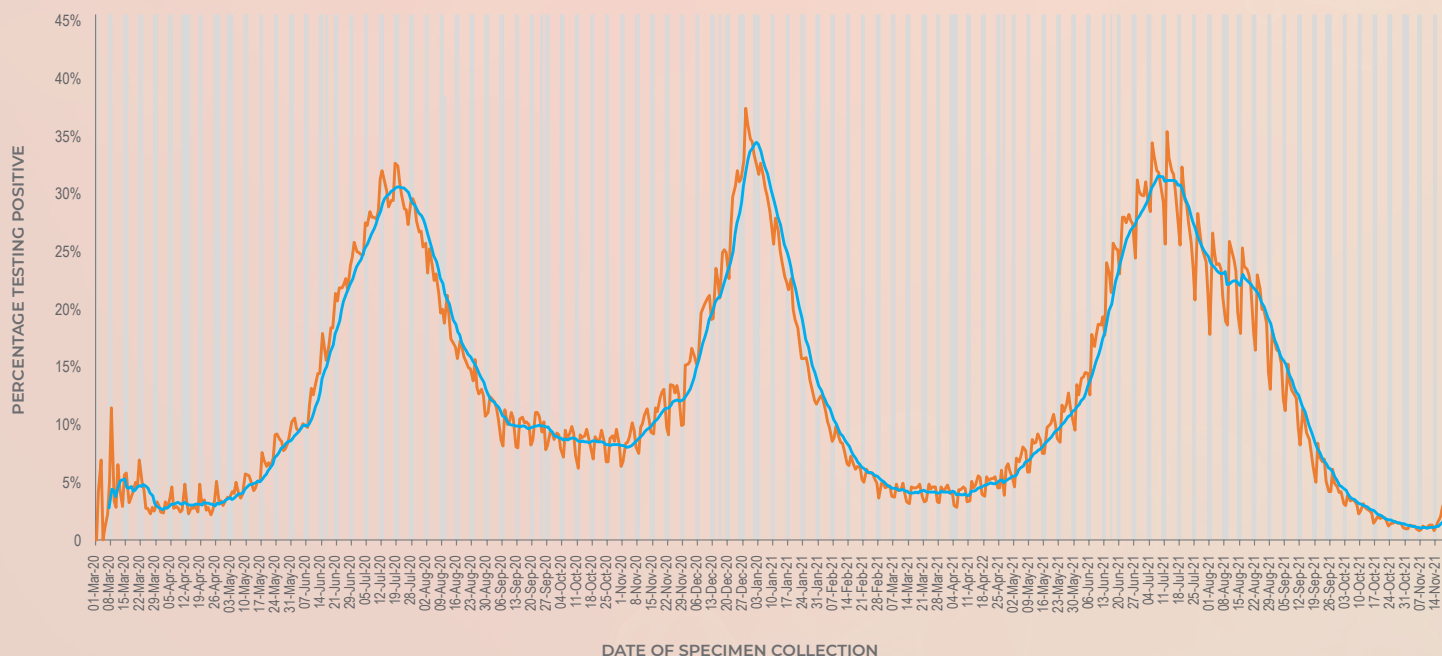


Figure 2. Percentage of tests positive for SARS-CoV-2 by date of specimen collection, South Africa, 1 March 2020 – 20 November 2021. Blue line shows the 7-day moving average of the percentage testing positive. Grey bars highlight weekend days and public holidays.

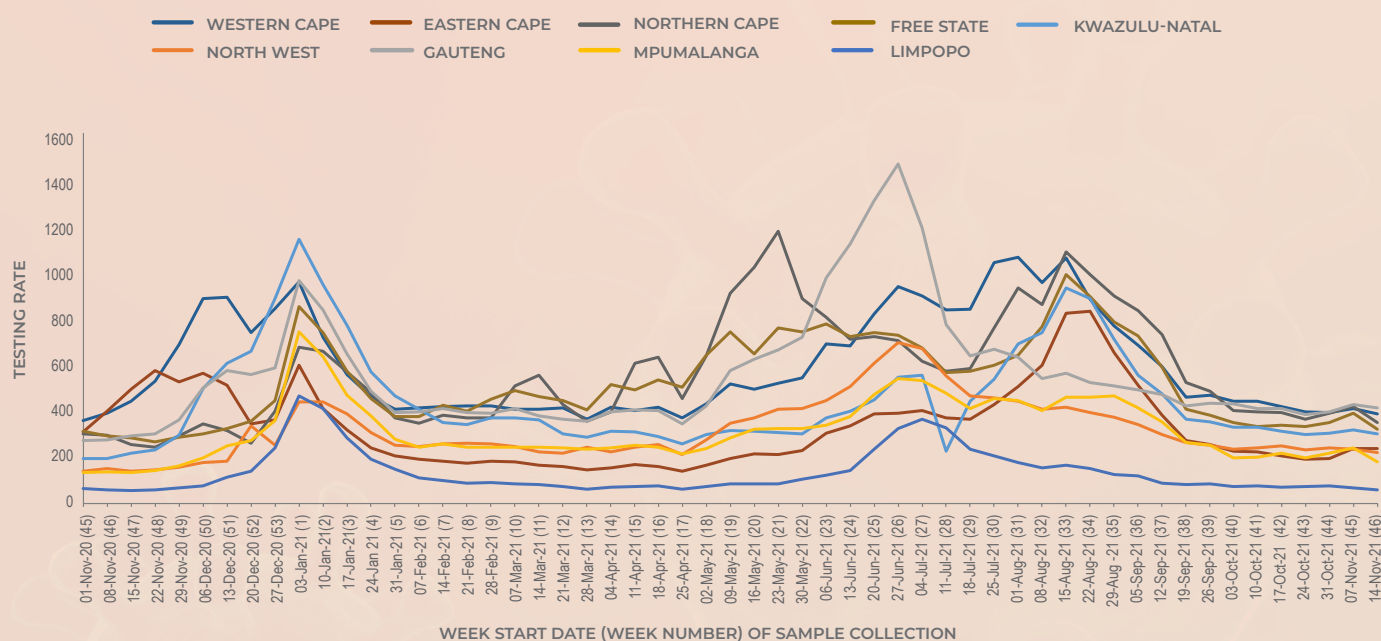


Figure 3. Testing rate per 100,000 persons by province and week of specimen collection, South Africa, 1 November 2020 – 20 November 2021

COVID-19 TESTING SUMMARY

SOUTH AFRICA WEEK 46 2021

Table 2. Weekly number of tests and positive tests reported by province, South Africa, 31 October - 20 November 2021

Province	Population ^a	31 Oct - 6 Nov 2021		7-13 Nov 2021		14-20 Nov 2021		Tests per 100,000 persons	Change in percentage positive ^b
		No. of tests	No. positive tests (%)	No. of tests	No. positive tests (%)	No. of tests	No. positive tests (%)		
Western Cape	7005741	27437	331 (1.2)	28725	316 (1.1)	26998	292 (1.1)	385	0.0%
Eastern Cape	6734001	12938	143 (1.1)	15959	110 (0.7)	15957	123 (0.8)	237	0.1%
Northern Cape	1292786	5032	140 (2.8)	5413	247 (4.6)	4515	156 (3.5)	349	-1.1%
Free State	2928903	10210	239 (2.3)	11415	181 (1.6)	9399	106 (1.1)	321	-0.5%
KwaZulu-Natal	11531628	35024	353 (1.0)	36537	294 (0.8)	34467	264 (0.8)	299	0.0%
North West	4108816	9797	126 (1.3)	9577	124 (1.3)	8952	204 (2.3)	218	1.0%
Gauteng	15488137	61076	446 (0.7)	65971	737 (1.1)	64041	2762 (4.3)	413	3.2%
Mpumalanga	4679786	10077	135 (1.3)	11182	114 (1.0)	8388	159 (1.9)	179	0.9%
Limpopo	5852553	4440	47 (1.1)	3964	47 (1.2)	3412	70 (2.1)	58	0.9%
Unknown		38	0 (0.0)	21	0 (0.0)	6	0 (0.0)		
Total	59622350	176069	1960 (1.1)	188764	2170 (1.1)	176135	4136 (2.3)	295	1.2%

^a 2020 Mid-year population Statistics SA

^b Current week compared to previous week

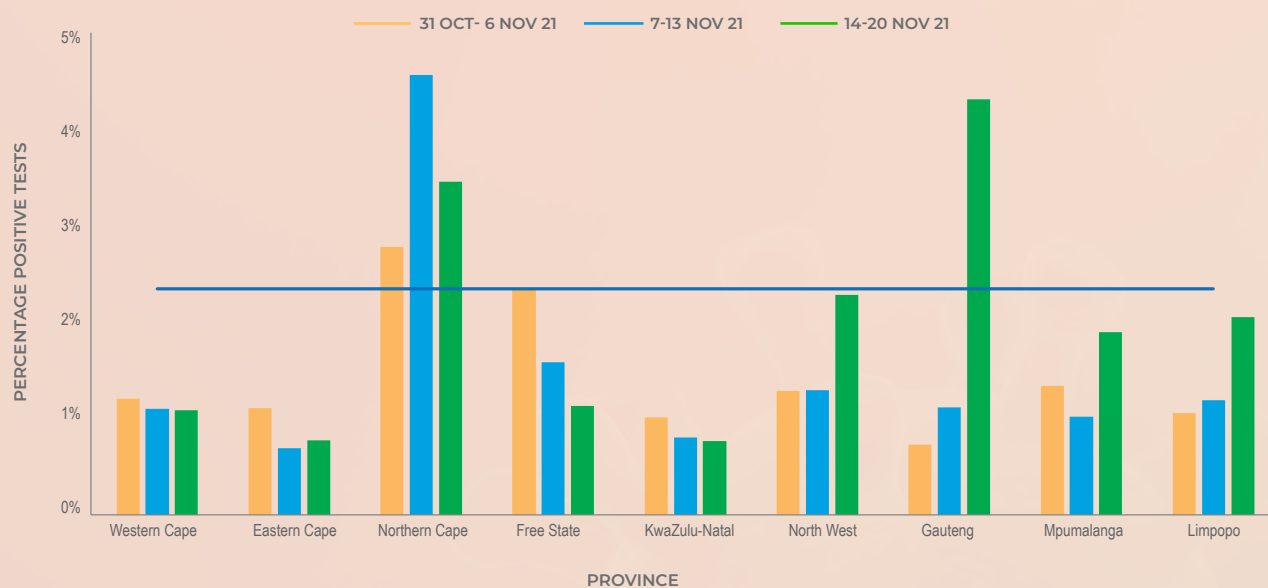


Figure 4. Weekly percentage testing positive by province, South Africa, 31 October – 20 November 2021. The horizontal blue line shows the national mean for week 46, beginning 14 November 2021

COVID-19 TESTING SUMMARY

SOUTH AFRICA WEEK 46 2021

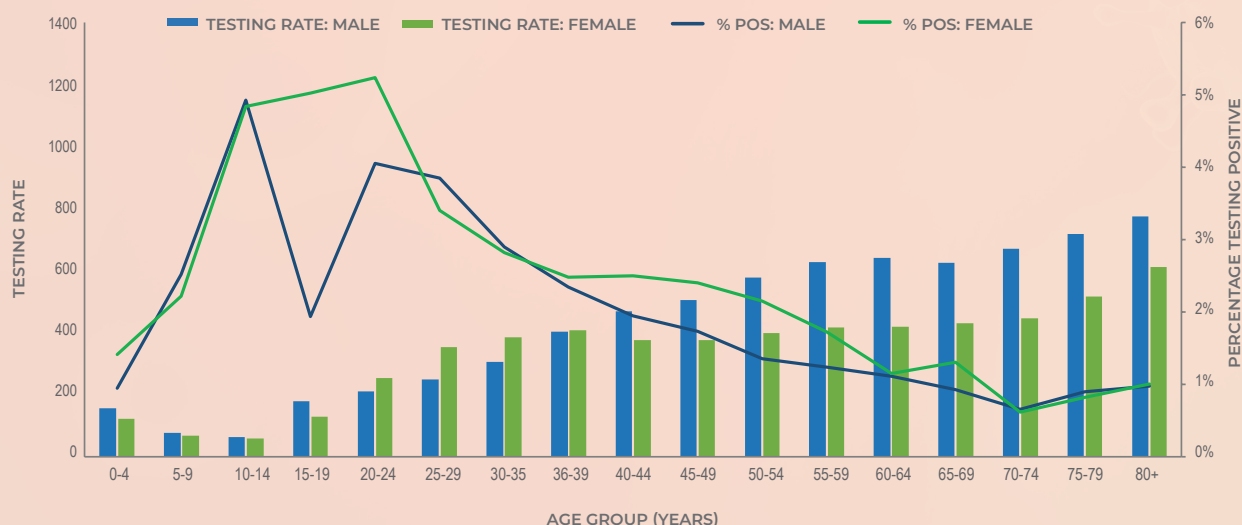


Figure 5. Testing rates per 100,000 persons and percentage testing positive by age group and sex, South Africa, week 46, 14-20 November 2021

Table 3. Health sub-districts with the highest proportion testing positive based on public and private sector data for the week of 14-20 November 2021

Health district or sub-district	Province	PTP (95% CI)	Previous week
Moretele	North West	0.277 (0.132-0.422)	0.020 (0.000-0.059)
Tshwane 5	Gauteng	0.270 (0.199-0.340)	0.047 (0.015-0.079)
Letsemeng	Free State	0.152 (0.008-0.295)	0.201 (0.121-0.281)
Dr JS Moroka	Mpumalanga	0.150 (0.088-0.212)	0.039 (0.005-0.073)
Tshwane 3	Gauteng	0.131 (0.121-0.140)	0.036 (0.031-0.042)
Tshwane 1	Gauteng	0.130 (0.116-0.144)	0.015 (0.010-0.021)
Tshwane 7	Gauteng	0.095 (0.047-0.144)	0.038 (0.008-0.068)
Tshwane 2	Gauteng	0.088 (0.072-0.104)	0.026 (0.017-0.036)
Tshwane 4	Gauteng	0.082 (0.069-0.096)	0.019 (0.012-0.026)
Tshwane 6	Gauteng	0.081 (0.071-0.090)	0.018 (0.013-0.022)
Kannaland	Western Cape	0.070 (0.000-0.165)	0.019 (0.000-0.055)
Cape Agulhas	Western Cape	0.070 (0.000-0.164)	0.093 (0.006-0.180)
Joe Morolong	Northern Cape	0.060 (0.019-0.101)	0.035 (0.001-0.069)
Emakhazeni	Mpumalanga	0.057 (0.000-0.135)	...
Camdeboo	Eastern Cape	0.051 (0.026-0.076)	0.036 (0.016-0.056)
Hessequa	Western Cape	0.050 (0.000-0.119)	...
Tsantsabane	Northern Cape	0.049 (0.000-0.103)	0.042 (0.001-0.083)
Khara Hais	Northern Cape	0.048 (0.033-0.063)	0.057 (0.041-0.073)
Ramotshere Moiloa	North West	0.047 (0.010-0.083)	0.004 (0.000-0.012)
Magareng	Northern Cape	0.045 (0.000-0.106)	0.134 (0.046-0.222)
Ga-Segonyana	Northern Cape	0.044 (0.018-0.069)	0.053 (0.026-0.080)
Lephalale	Limpopo	0.042 (0.024-0.060)	0.017 (0.005-0.030)
Hantam	Northern Cape	0.041 (0.001-0.081)	0.032 (0.000-0.069)
Siyancoma	Northern Cape	0.041 (0.000-0.097)	0.097 (0.036-0.158)
Kagisano/Molopo	North West	0.040 (0.001-0.078)	0.023 (0.000-0.053)

95% CI: 95% confidence interval; PTP: adjusted positive test proportion; Elements marked in **red** have current week proportions testing positive that are **higher** than, and CIs that do not overlap with, the previous week proportions and CIs. Elements marked in **blue** have current week proportions testing positive that are **lower** than, and CIs that do not overlap with, the previous week proportions and CIs.

COVID-19 TESTING SUMMARY

SOUTH AFRICA | WEEK 46 2021

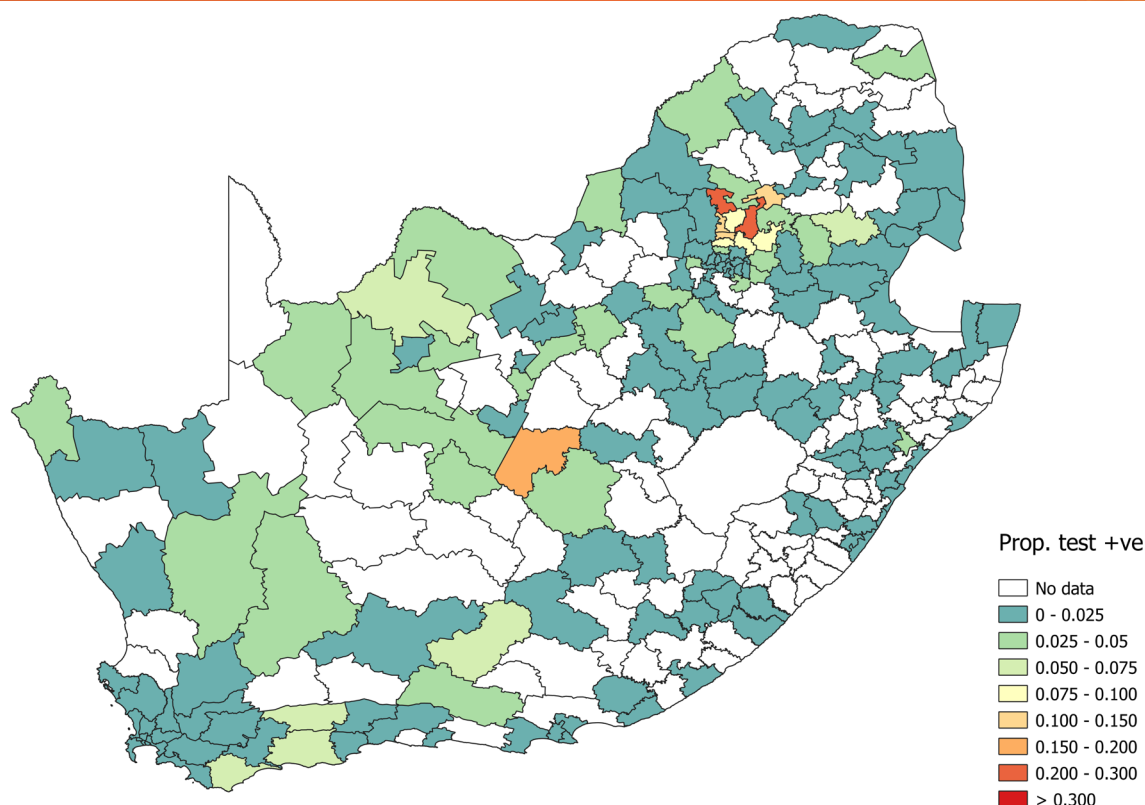


Figure 6. Proportion testing positive by health sub-district in South Africa for the week of 14-20 November 2021. Areas shaded white represent districts in which either (i) no tests were reported (ii) all tests were negative or (iii) the confidence interval exceeded 30%.

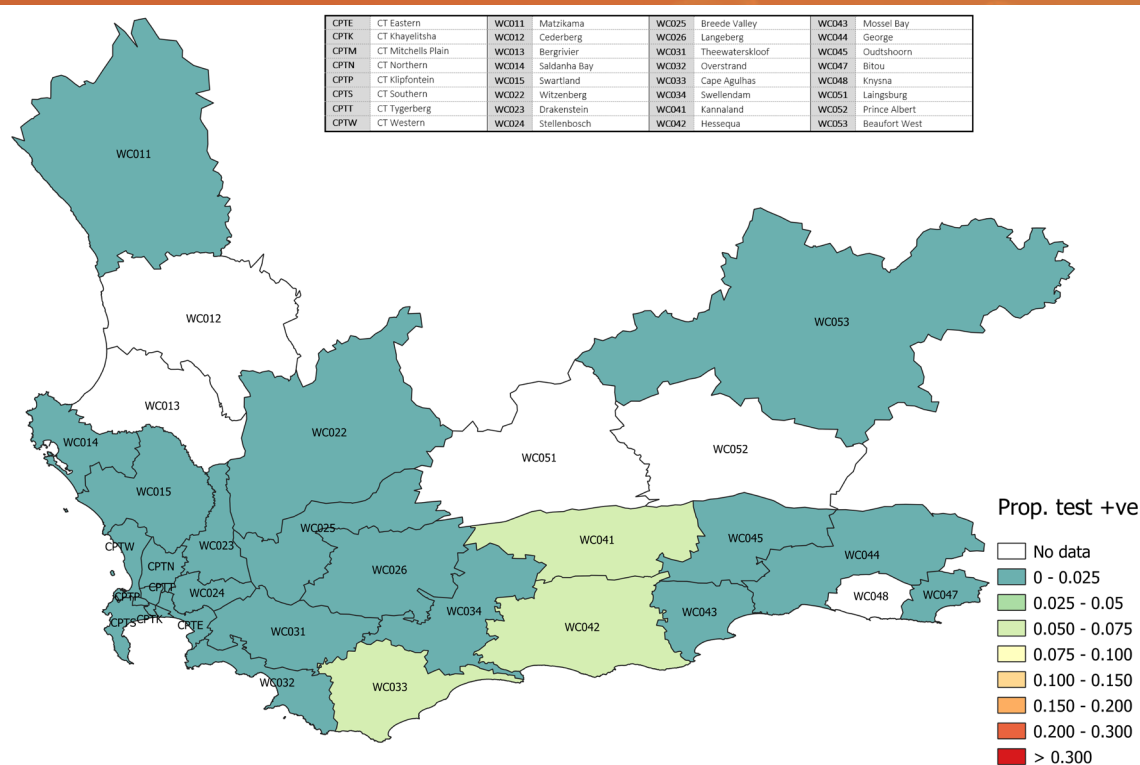


Figure 7. Proportion testing positive by health sub-district in the Western Cape Province for the week of 14-20 November 2021. Areas shaded white represent districts in which either (i) no tests were reported (ii) all tests were negative or (iii) the confidence interval exceeded 30%.

COVID-19 TESTING SUMMARY

SOUTH AFRICA WEEK 46 2021

BUF	Buffalo City	EC122	Mquma	EC135	Infuka Yethu	EC155	Nyanweni
EC101	Camdeboo	EC123	Great Kei	EC136	Emalahleni	EC156	Mhlontlo
EC102	Blue Crane Route	EC124	Amahlathi	EC137	Engobo	EC157	King Sabata Dalindyebo
EC103	Ikwesi	EC126	Nqushwa	EC138	Sakhisizwe	EC441	Matatiele
EC104	Makana	EC127	Nkonkobe	EC141	Elundini	EC442	Umtzimvubu
EC105	Ndlambe	EC128	Nvuha	EC142	Sengu	EC443	Mbizana
EC106	Sundays River Valley	EC131	Inxuba Yethemba	EC143	Maletswai	EC444	Ntabankulu
EC107	Baviaans	EC132	Tsolwana	EC144	Gariep	NMAA	Nelson Mandela Bay A
EC108	Kouga	EC133	Inkwanca	EC153	Ngozu Hill	NMAB	Nelson Mandela Bay B
EC109	Kou-Kamma	EC134	Lukangji	EC154	Port St Johns	NMAC	Nelson Mandela Bay C
EC121	Molasses						

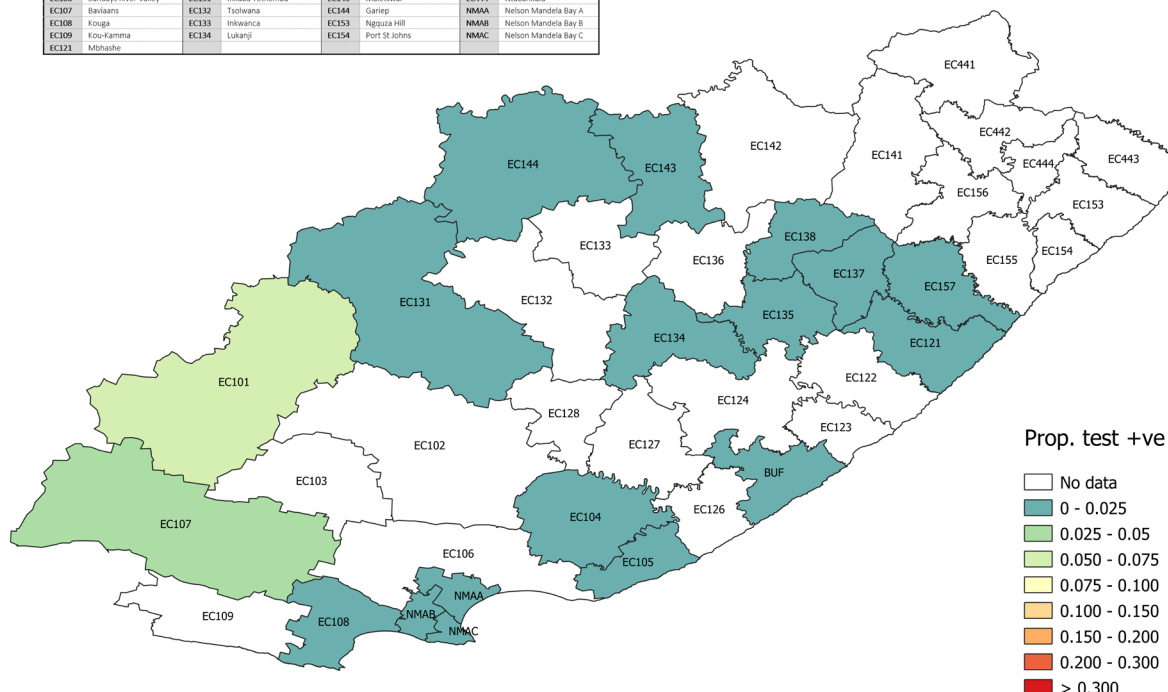


Figure 8. Proportion testing positive by health sub-district in the Eastern Cape Province for the week of 14-20 November 2021. Areas shaded white represent districts in which either (i) no tests were reported (ii) all tests were negative or (iii) the confidence interval exceeded 30%.

NC061	Richtersveld	NC074	Kareeberg	NC085	Tsantsabane
NC062	Nama Khoi	NC075	Rensosterberg	NC086	Kgatelopele
NC064	Kamiesberg	NC076	Thembelihle	NC091	Sol Plaatje
NC065	Hantam	NC077	Siyathemba	NC092	Dikgatong
NC066	Karoo Hoogland	NC078	Siyancuma	NC093	Magareng
NC067	Khâi-Khâ	NC081	Mier	NC094	Phokwane
NC071	Uburu	NC082	Kai Igarib	NC451	Joe Morolong
NC072	Umsobomvu	NC083	//Kharu Halis	NC452	Gae-Segonyana
NC073	Emthanjeni	NC084	IKheis	NC453	Gamagara

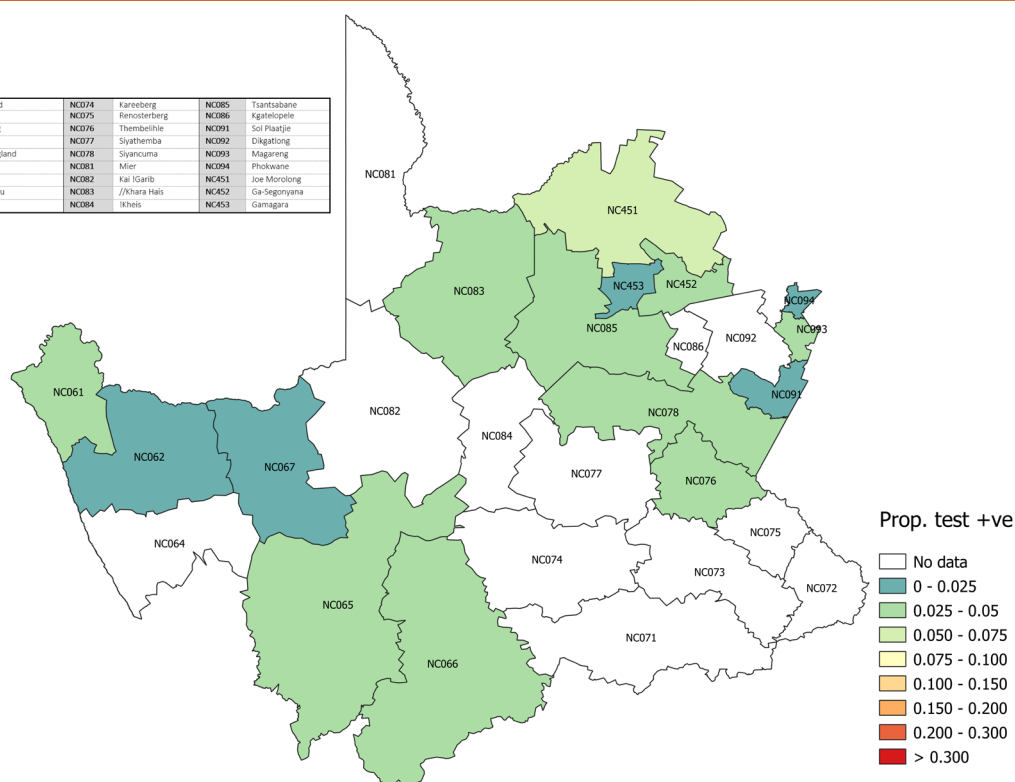
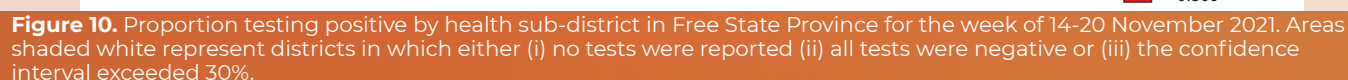


Figure 9. Proportion testing positive by health sub-district in Northern Cape Province for the week of 14-20 November 2021. Areas shaded white represent districts in which either (i) no tests were reported (ii) all tests were negative or (iii) the confidence interval exceeded 30%.

SOUTH AFRICA WEEK 46 2021



COVID-19 TESTING SUMMARY

SOUTH AFRICA

WEEK 46 2021

NW371	Moretele	NW383	Mafikeng	NW396	Lekwa-Teemane
NW372	Madibeng	NW384	Ditsobotla	NW397	Kagisano/Molopo
NW373	Rustenburg	NW385	Ramotshere Moiloa	NW401	Ventersdorp
NW374	Kgetlengrivier	NW392	Naledi	NW402	Tlokwe City Council
NW375	Moses Kotane	NW393	Mamusa	NW403	City of Matlosana
NW381	Ratlou	NW394	Greater Taung	NW404	Maquass Hills
NW382	Tswaing				

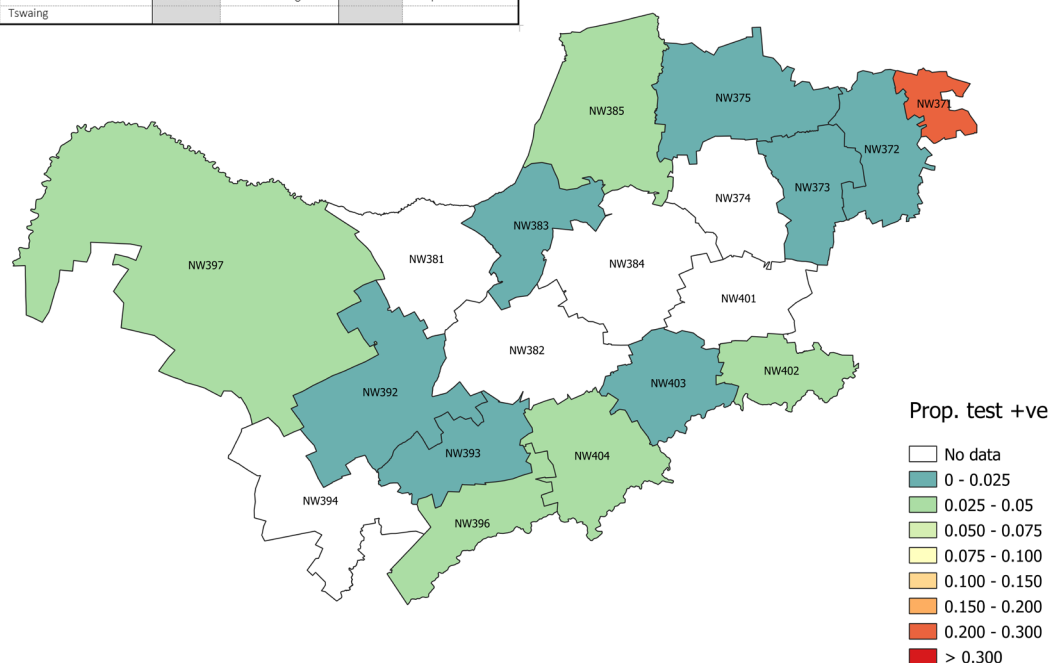


Figure 12. Proportion testing positive by health sub-district in North West Province for the week of 14-20 November 2021. Areas shaded white represent districts in which either (i) no tests were reported (ii) all tests were negative or (iii) the confidence interval exceeded 30%.

EKUE3	Ekurhuleni East 1	GT421	Emfuleni	JHBA	Johannesburg A	TSH1	Tshwane 1
EKUE2	Ekurhuleni East 2	GT422	Midvaal	JHBB	Johannesburg B	TSH2	Tshwane 2
EKUN1	Ekurhuleni North 1	GT423	Lesedi	JHBC	Johannesburg C	TSH3	Tshwane 3
EKUN2	Ekurhuleni North 2	GT483	Mogale City	JHBD	Johannesburg D	TSH4	Tshwane 4
EKUS1	Ekurhuleni South 1	GT482	Randfontein	JHBE	Johannesburg E	TSH5	Tshwane 5
EKUS2	Ekurhuleni South 2	GT483	Westonaria	JHBF	Johannesburg F	TSH6	Tshwane 6
		GT484	Merafong City	JHBG	Johannesburg G	TSH7	Tshwane 7

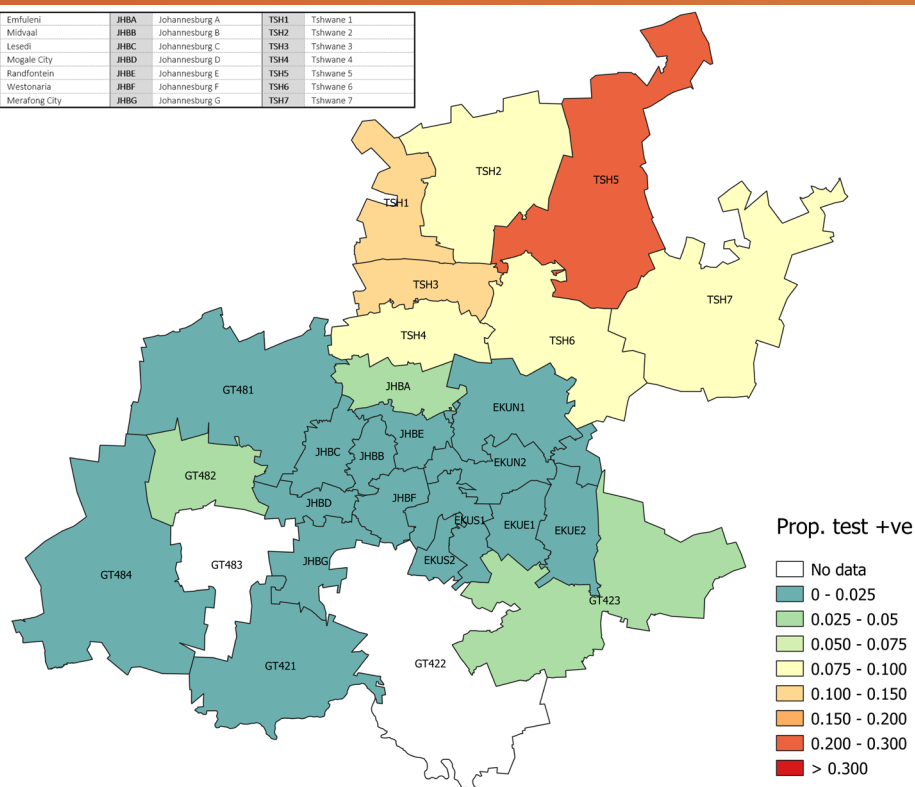


Figure 13. Proportion testing positive by health sub-district in Gauteng Province for the week of 14-20 November 2021. Areas shaded white represent districts in which either (i) no tests were reported (ii) all tests were negative or (iii) the confidence interval exceeded 30%.

COVID-19 TESTING SUMMARY

SOUTH AFRICA

WEEK 46 2021

MP301	Albert Luthuli	MP307	Govan Mbeki	MP316	Dr JS Moroka
MP302	Mskhaligwa	MP311	Victor Khanye	MP321	Thaba Chweu
MP303	Mkhondo	MP312	Emalaheni	MP322	Mbombela
MP304	Pitsoy Ka Seme	MP313	Steve Tshwete	MP323	Umtjind
MP305	Lekwa	MP314	Emakhazeni	MP324	Nkomazi
MP306	Dipaleseng	MP315	Thembisile	MP325	Bushbuckridge

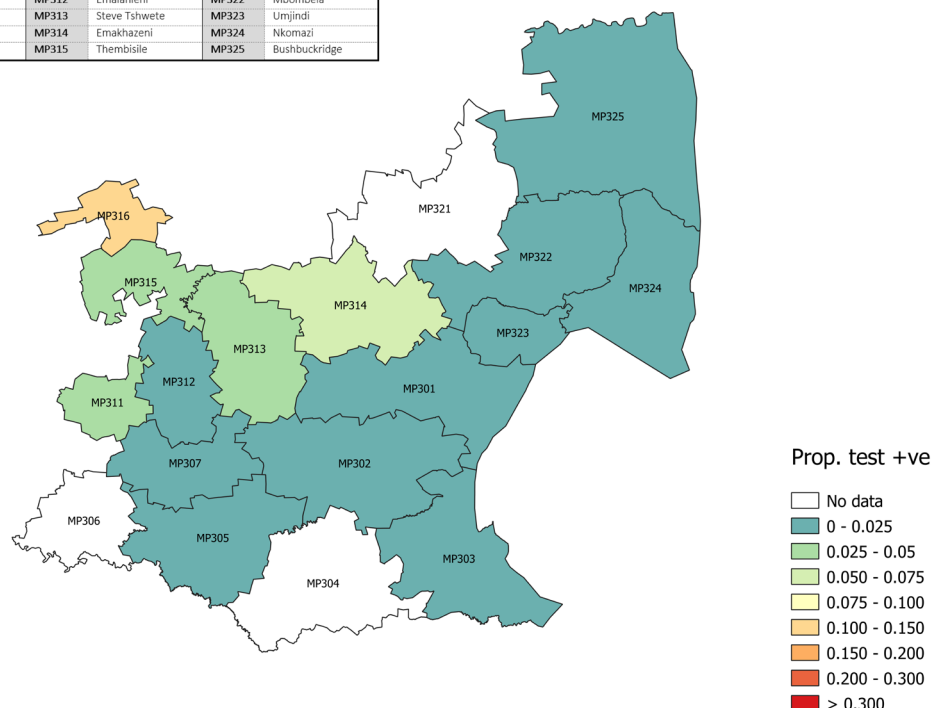


Figure 14. Proportion testing positive by health sub-district in Mpumalanga Province for the week of 14-20 November 2021. Areas shaded white represent districts in which either (i) no tests were reported (ii) all tests were negative or (iii) the confidence interval exceeded 30%.

LIM331	Greater Giyani	LIM351	Blouberg	LIM365	Modimolle
LIM332	Greater Letaba	LIM352	Aganang	LIM366	Bela-Bela
LIM333	Greater Tzaneen	LIM353	Molemole	LIM367	Mogalakwena
LIM334	Ba-Phalaborwa	LIM354	Polokwane	LIM471	Ephraim Mogale
LIM335	Maruleng	LIM355	Lepele-Nkumpi	LIM472	Elias Mtsotse
LIM341	Musina	LIM361	Thabazimbi	LIM473	Makhuduthamaga
LIM342	Mutale	LIM362	Lephalale	LIM474	Fetakgomo
LIM343	Thulamela	LIM364	Mookgopong	LIM475	Greater Tubatse
LIM344	Makhado				

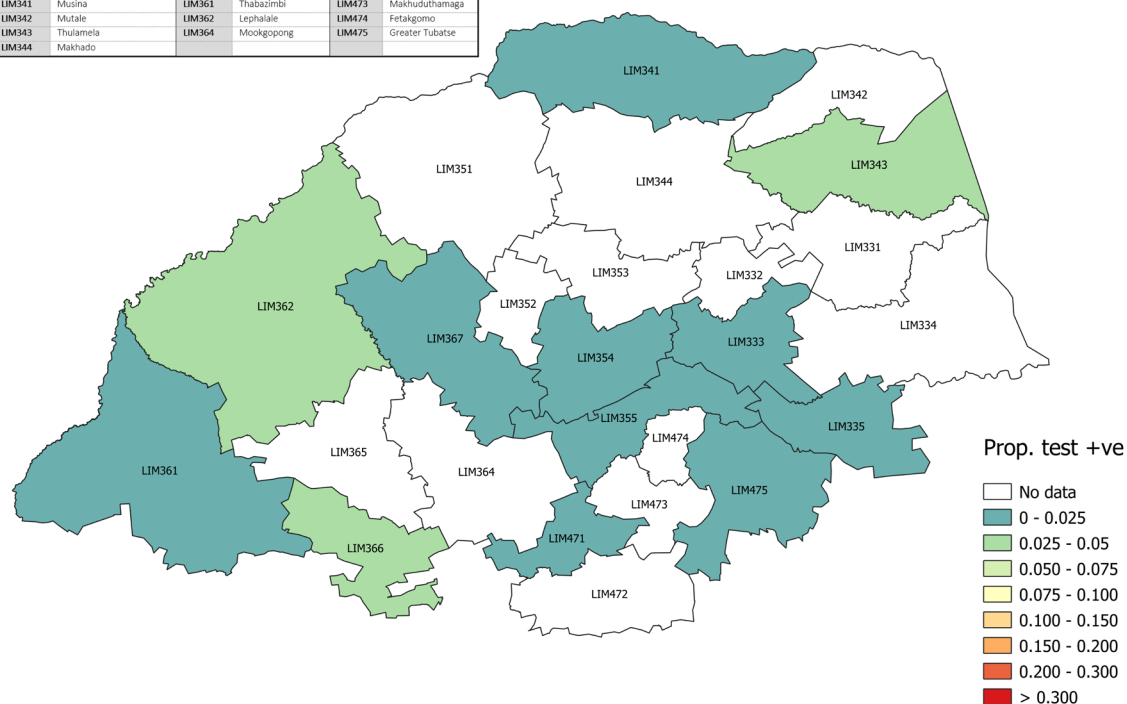


Figure 15. Proportion testing positive by health sub-district in Limpopo Province for the week of 14-20 November 2021. Areas shaded white represent districts in which either (i) no tests were reported (ii) all tests were negative or (iii) the confidence interval exceeded 30%.

COVID-19 TESTING SUMMARY

SOUTH AFRICA WEEK 46 2021

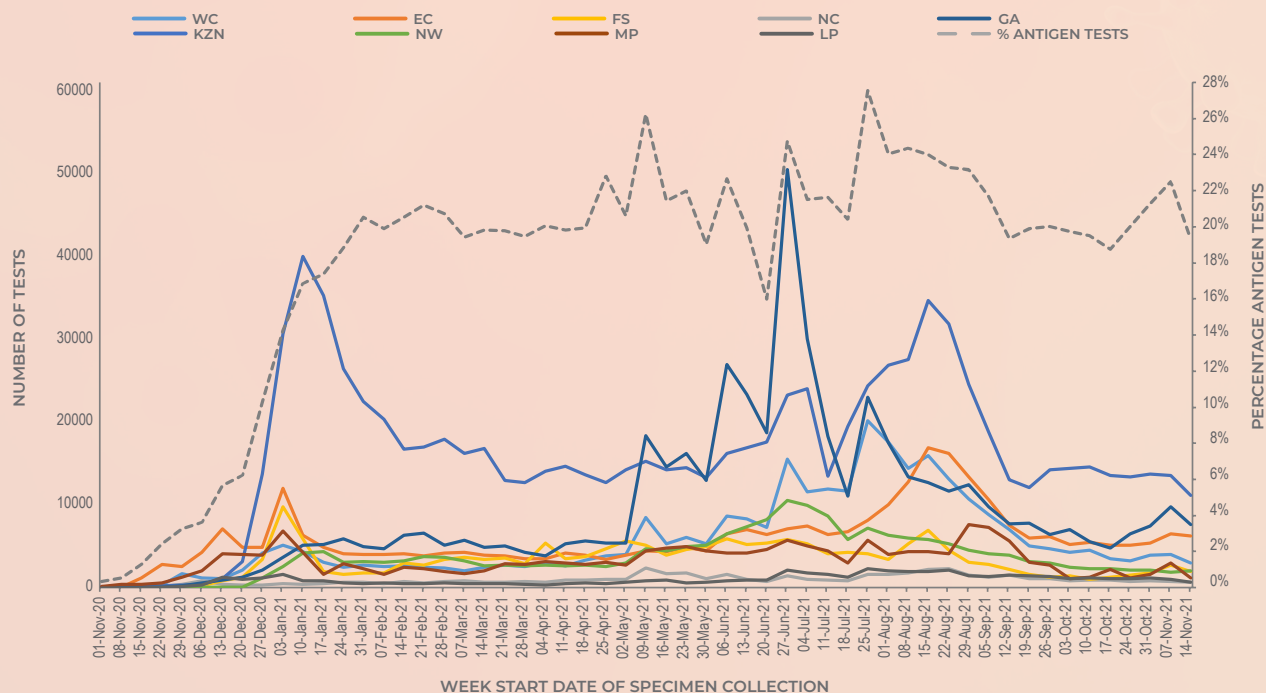


Figure 16. Number of antigen tests by province and overall percentage antigen tests, South Africa, 1 November 2020 – 20 November 2021. WC Western Cape; EC Eastern Cape; FS Free State; KZN KwaZulu-Natal; GA Gauteng; NC Northern Cape; NW North West; MP Mpumalanga; LP Limpopo

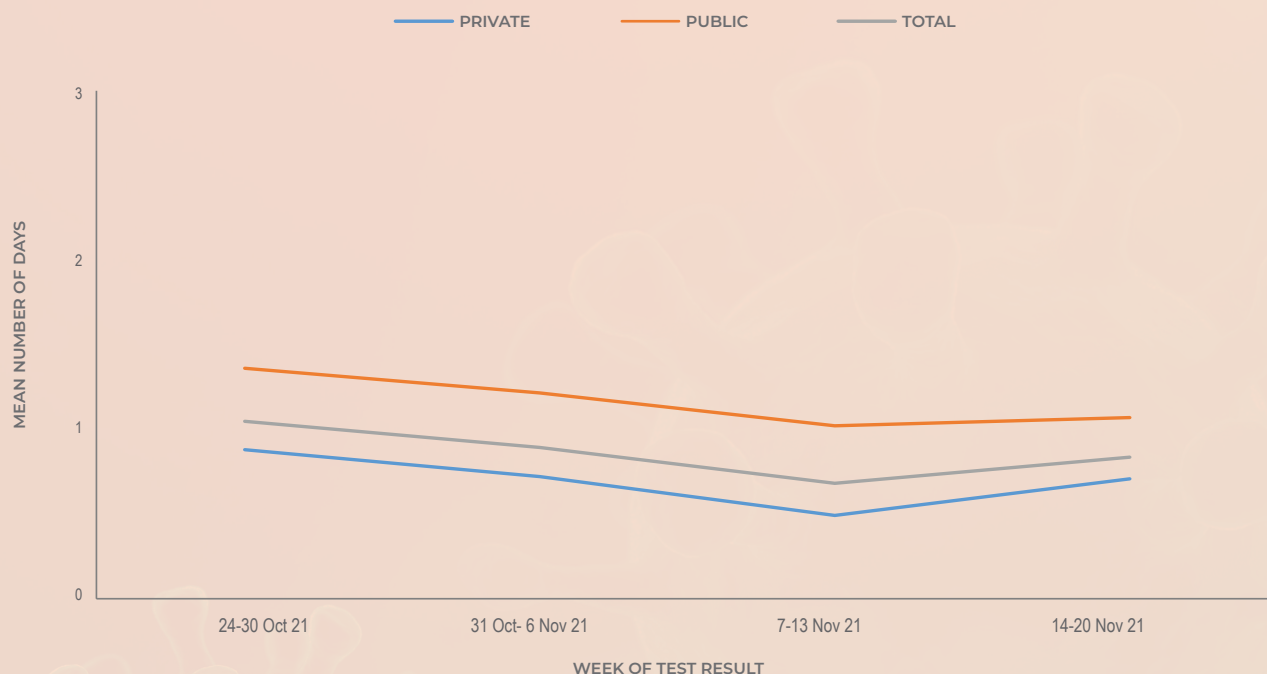


Figure 17. Mean number of days between date of specimen collection and date of test result for PCR tests by week of test result, South Africa, 24 October - 20 November 2021

COVID-19 TESTING SUMMARY

SOUTH AFRICA WEEK 46 2021

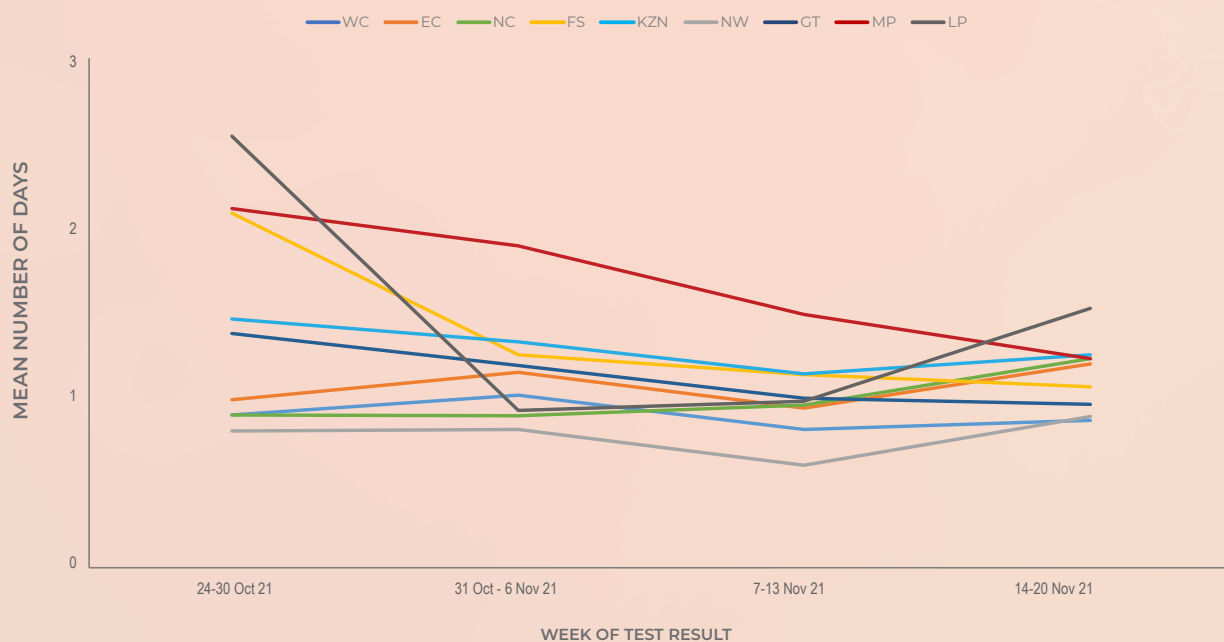


Figure 18. Mean number of days between date of specimen collection and date of test result for PCR tests in the public sector by week of test result and province, South Africa, 24 October – 20 November 2021. WC Western Cape; EC Eastern Cape; FS Free State; KZN KwaZulu-Natal; GT Gauteng; NC Northern Cape; NW North West; MP Mpumalanga; LP Limpopo

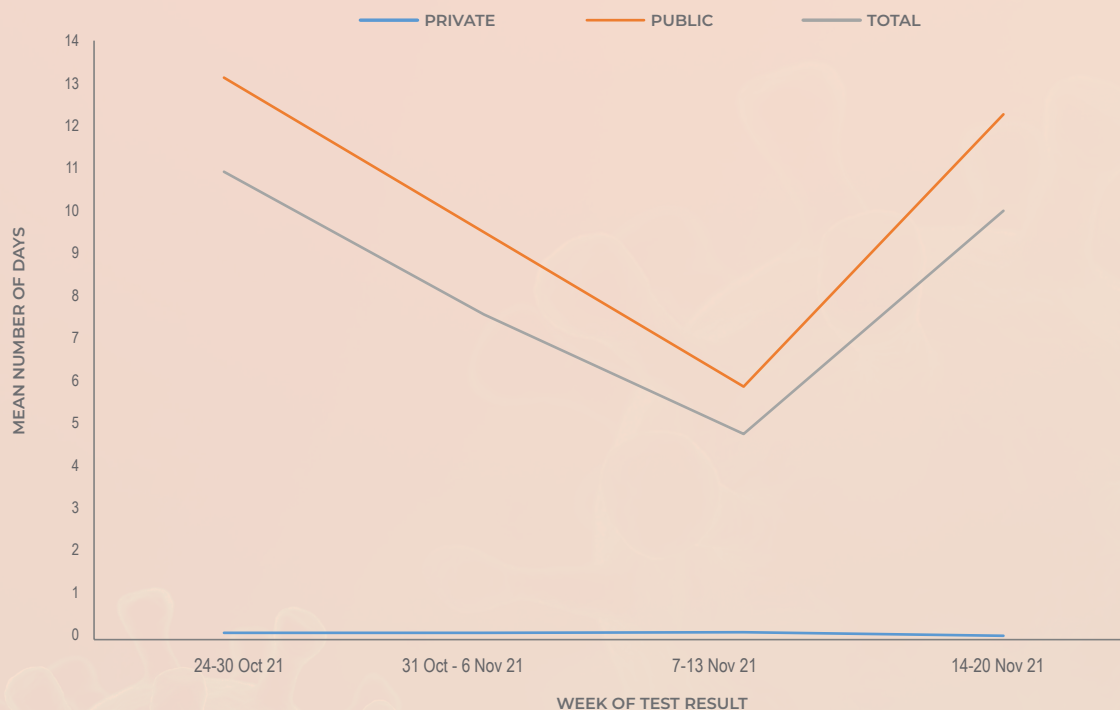


Figure 19. Mean number of days between date of specimen collection and date of test result for antigen tests by week of test result, South Africa, 24 October – 20 November 2021

COVID-19 TESTING SUMMARY

SOUTH AFRICA WEEK 46 2021

Methods

Testing for SARS-CoV-2 began on 28 January 2020 at the NICD and after the first case was confirmed on 5th March 2020, testing was expanded to a larger network of private and NHLS laboratories. Laboratory testing was conducted for people meeting the case definition for persons under investigation (PUI). This definition was updated several times over the reporting period but at different times included (i) symptomatic individuals seeking testing, (ii) hospitalised individuals for whom testing was done, (iii) individuals in high-risk occupations, (iv) individuals in outbreak settings, and (v) individuals identified through community screening and testing (CST) programmes which were implemented in April 2020 and was discontinued from the week beginning 17th May. CST was implemented differently in different provinces, and ranged from mass screening approaches (including asymptomatic individuals) to screening of individuals in contact with a confirmed case to targeted testing of clusters of cases. Respiratory specimens were submitted to testing laboratories. Testing was performed using reverse transcriptase real-time PCR, which detects SARS-CoV-2 viral genetic material. Laboratories used any one of several in-house and commercial PCR assays to test for the presence of SARS-CoV-2 RNA. Testing for SARS-CoV-2 using rapid antigen-based tests was implemented towards the end of October 2020. Results of reported rapid antigen-based tests are included in this report, however data are incomplete and efforts are ongoing to improve data completeness.

Test results were automatically fed into a data warehouse after result authorisation. We excluded specimens collected outside South Africa and duplicate entries of the same test for an individual. From week 48 of 2020 onwards, test data were reported from the Notifiable Medical Conditions Surveillance System (NMCCS). Date of specimen receipt in the laboratory was used when date of specimen collection was missing. Proportion testing positive (PTP) was calculated as the number of positive tests/total number of tests and presented as percentage by multiplying with 100. We used 2020 mid-year population estimates from Statistics South Africa to calculate the testing rate, expressed

as tests per 100,000 persons. Laboratory turnaround times were calculated as the mean number of days between specimen collection and reporting of the result. Categorical variables were compared using the chi-squared test, with a P-value < 0.05 considered statistically significant.

Health district and sub-district (in the metros) level results were mapped based on geo-locatable public (almost every public sector facility in the country) and private (approximately 82% of private testing facilities) sector testing facilities. Estimates of overall prevalence were derived using regression techniques. Estimates were adjusted to produce district-specific positive test prevalences based on the national average age and sex profile of testing for that week. This adjustment allows more accurate comparison of the proportion testing positive across districts. Districts with fewer than 20 tests reported during the week have been excluded from the analysis.

Limitations

- A backlog in testing of samples by laboratories affects the reported number of tests. As a result, numbers tested during this period may change in subsequent reports.
- If higher-priority specimens were tested preferentially this would likely result in an inflated proportion testing positive.
- Different and changing testing strategies (targeted vs. mass testing, PCR vs. antigen-based tests or prioritisation of severe or at-risk cases during epidemic waves) used by different provinces makes percentage testing positive and number of reported tests difficult to interpret and compare.
- Health district and sub-district level were mapped based on the testing facility and not place of residence.
- Patient admission status was categorised based on the reported patient facility and may not reflect whether the patient was actually admitted to hospital.
- Antigen tests may be underestimated as they are used in a number of different settings and results may not be reported.