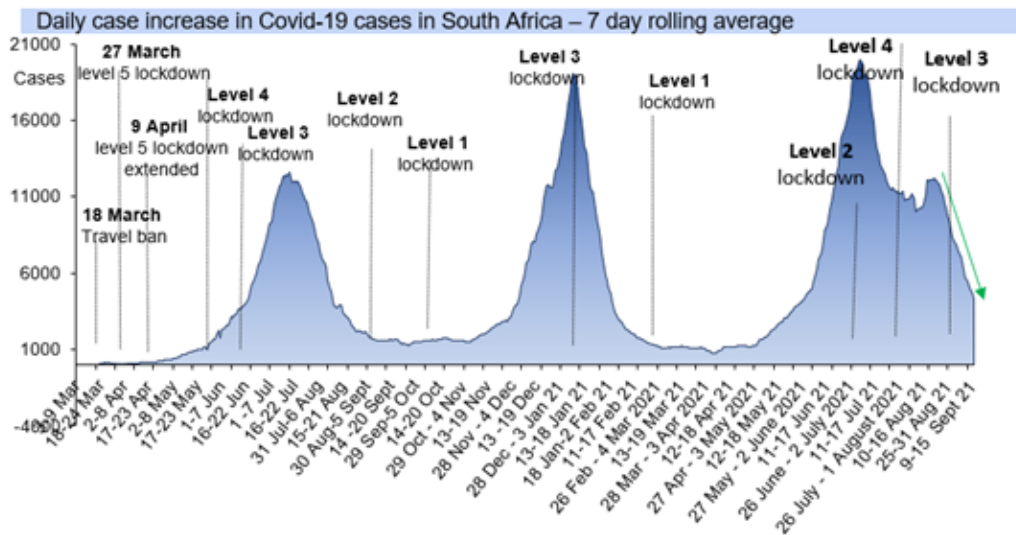


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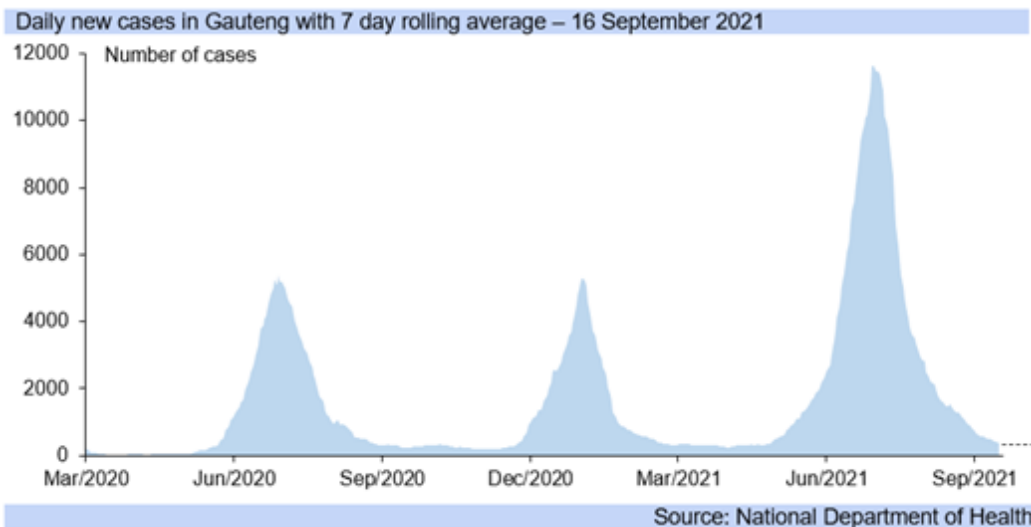


Friday 17 September 2021

Covid-19: with the third wave over in Gauteng, and declining rapidly in other areas, SA's move to level two could see level one in October, which would be helpful for the economy with SA's one of the slowest to recover from its restrictions



Source: National Department of Health

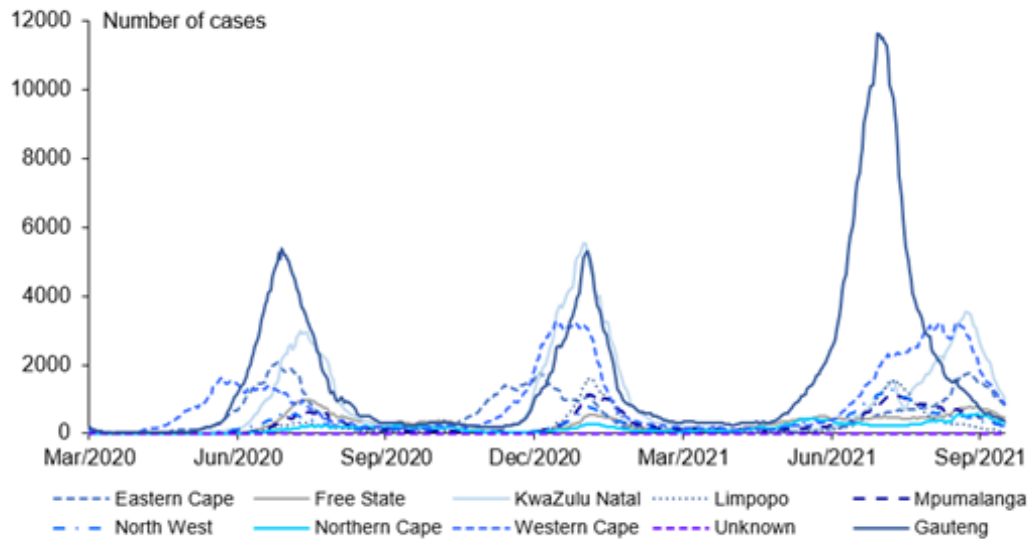


Source: National Department of Health

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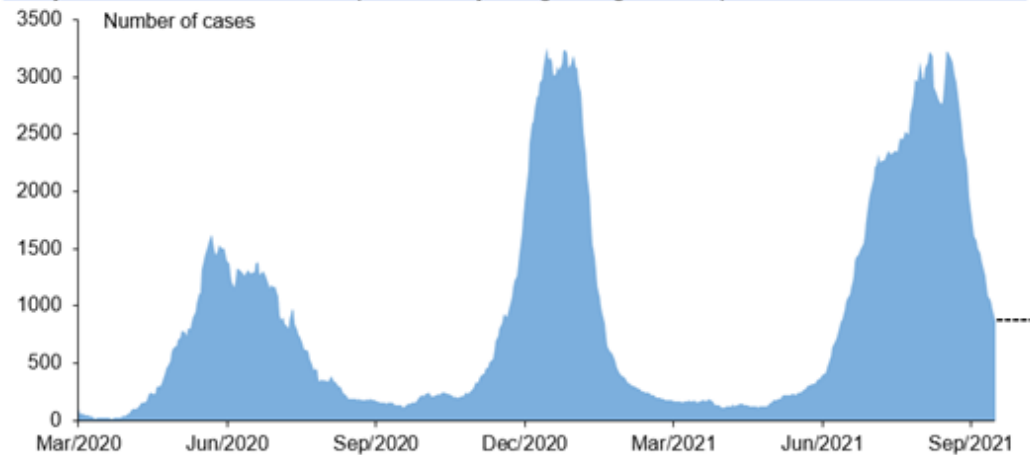


Regional daily case increase in Covid-19 cases – 7 day rolling average



Source: National Department of Health

Daily new cases in the Western Cape with 7 day rolling average – 16 September 2021

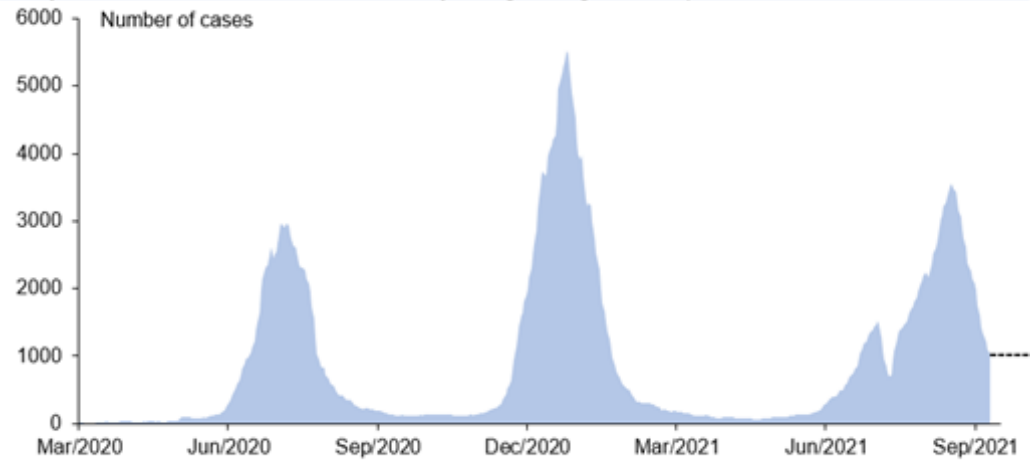


Source: National Department of Health

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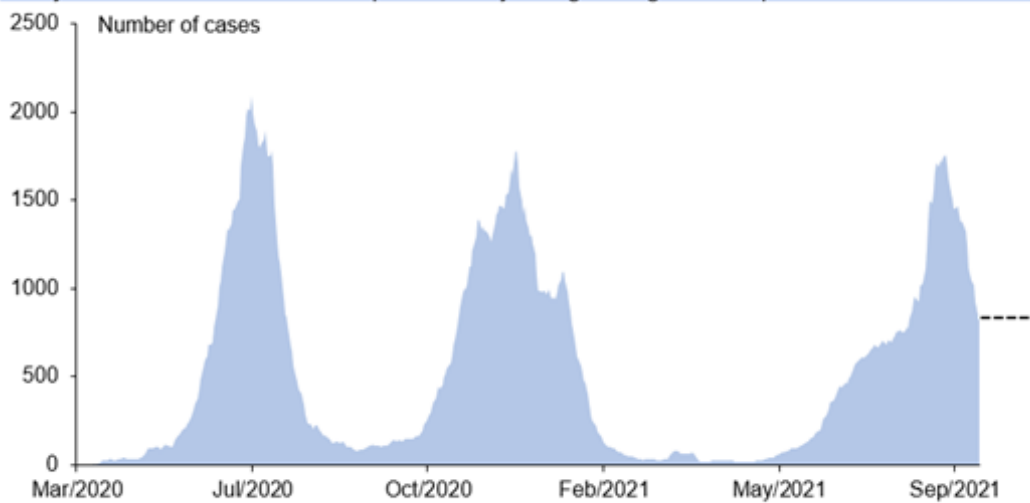


Daily new cases in KwaZulu Natal with 7 day rolling average – 16 September 2021



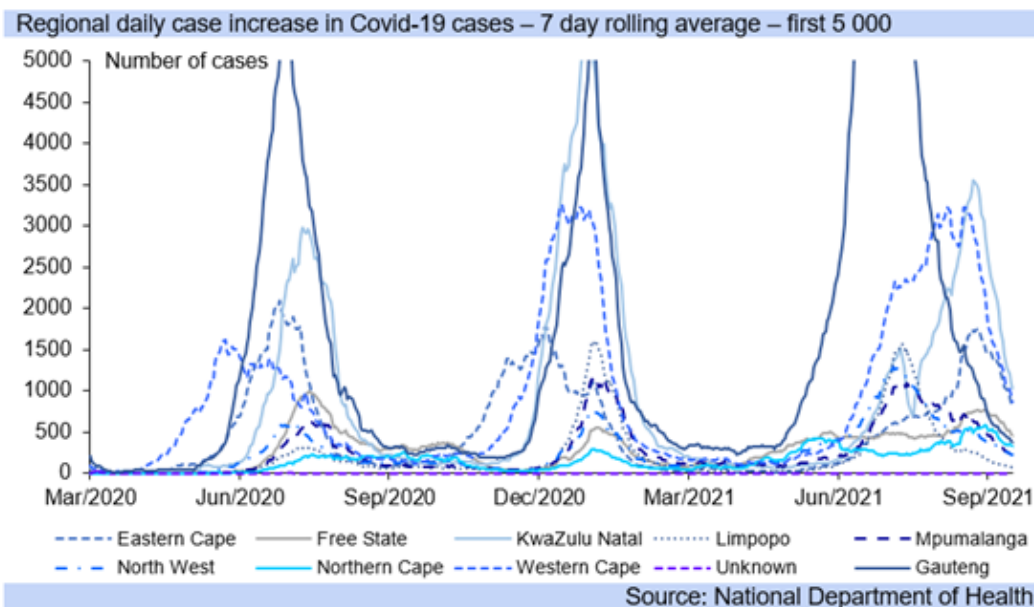
Source: National Department of Health

Daily new cases in the Eastern Cape with 7 day rolling average – 16 September 2021



Source: National Department of Health

SA Economics



- The low vaccination rates in developing countries continues to both impede economic recovery across the globe and the health of many individuals, while global economic recovery itself, with the metric driven by the world's largest economies, is well underway.
- Developed/high income economics tend to see relatively high vaccination rates, although Australia and New Zealand are still below 50% for full vaccinations, while the US has reached 60%. Globally however the vaccination rate is 38.1% - South Africa is at 15%.
- India, with a population of 1.4bn is only at a full vaccination (coverage) rate of 28%, Indonesia, the fourth most populous country in the world at 22% of its population of 0.4bn and Nigeria the seventh most populous country, with 0.2bn people and 1% full vaccination.
- Pakistan at 0.2bn people is at a vaccination rate of 17%, Bangladesh also at 0.2bn people is at a vaccination rate of 11%, Russia at 30% with 0.1bn individuals and the ninth most populous country in the global population of 7.8bn.
- UNCTAD warns "The biggest risk for the global economy is that a rebound in the north will divert attention from long-needed reforms without which developing countries will remain in a weak and vulnerable position".
- Further highlighting, along with the IMF, that "talk ... of a post-Covid world distracts policymakers from the need for continued support to poorer nations, many of which still lack vaccines."
- Most African countries are at full vaccination rates of below 10%. UNCTAD and the IMF highlights that "policymakers in advanced economies had not woken up to the size of the shock in developing countries, or its persistence."

SA Economics



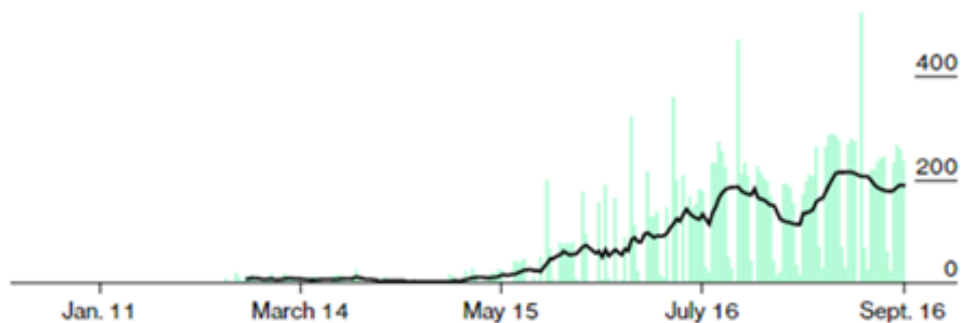
- "The pandemic has often been seen as an opportunity to “build back better” and rethink the principles of international economic governance. But the chances of that happening risk slipping away again, as after the global financial crisis.”
- The IMF, World Bank Group, World Health Organization and WTO warn “that it would not be possible to vaccinate at least 40% of the population in all countries by the end of 2021 without urgent action.”

Please scroll down to the second section below

South Africa vaccination rate

— Average daily rate estimate

Doses administered: 600K



Source: Bloomberg Vaccine Tracker, 17 September 2021

Note: Immunity calculations take into account the number of doses required and the current rate of administration for each vaccine type. The “daily rate estimate” is a seven-day trailing average; interpolation is used for countries with infrequent updates. Data from Bloomberg’s Covid-19 Vaccine Tracker.

SA Economics



Global Vaccination Campaign (continued)					
Country	No. of doses administered	Enough for % of people	Given 1+ dose	Fully vaccinated	Daily rate of doses administered
<i>Global Total</i>	5,850,947,883	–	–	–	31,132,322
Mainland China	2,156,938,000	77.0	78.5	69.3	4,937,857
India	772,045,150	28.2	42.2	13.5	6,904,446
EU	552,876,042	62.2	66.5	62.4	1,058,260
U.S.	383,038,403	59.8	63.5	54.2	781,574
Brazil	216,611,648	52.5	68.4	35.9	1,811,626
Japan	148,775,011	58.9	65.1	52.8	1,211,318
Indonesia	118,994,105	22.3	28.2	16.1	1,256,699
Germany	104,949,545	63.2	66.9	62.7	198,618
Turkey	104,046,149	62.6	62.9	49.8	534,823
Mexico	93,588,719	36.7	48.1	31.8	703,885
U.K.	92,732,958	69.4	72.6	66.2	97,069
France	91,962,598	70.9	76.7	72.7	197,031
Russia	86,956,254	29.6	31.6	27.4	296,642
Italy	81,731,985	67.7	72.9	67.2	216,303
Pakistan	71,311,567	17.4	25.8	11.2	829,367
Spain	68,955,191	74.2	80.3	76.8	136,107
South Korea	56,145,166	54.3	67.6	40.9	777,413
Canada	54,743,909	72.9	74.7	68.7	83,227
Argentina	47,936,962	53.3	64.3	42.4	233,962
Thailand	41,647,101	29.9	39.9	19.0	496,052
Saudi Arabia	40,435,548	59.3	67.4	51.2	203,284
Philippines	40,030,388	18.7	22.2	16.5	407,697
Malaysia	39,685,414	60.9	66.7	54.7	281,547
Colombia	37,830,713	37.5	48.9	31.4	167,551
Morocco	37,238,088	52.3	57.2	47.4	216,457
Poland	36,841,191	48.5	51.6	50.5	33,756
Iran	36,753,231	22.1	27.6	16.6	724,920
Bangladesh	35,861,843	10.8	12.9	8.6	444,344
Vietnam	31,254,856	16.2	26.4	6.0	1,096,706
Chile	30,515,177	79.9	76.3	73.1	106,393
Sri Lanka	24,463,453	56.1	62.4	49.3	191,444
Australia	23,751,922	46.5	56.3	35.2	271,567
Netherlands	23,320,388	67.7	69.9	63.3	20,108
Peru	22,630,612	34.1	40.7	27.5	302,689
Cambodia	21,148,891	64.1	69.8	59.7	137,404
Ecuador	20,320,001	58.8	63.6	55.7	28,121
UAE	19,247,164	89.5	83.8	73.6	76,661
Cuba	16,943,296	74.8	64.3	38.2	215,934
Belgium	16,429,512	71.7	74.3	72.3	12,878
Ukraine	16,115,815	19.3	26.6	12.0	195,658
Uzbekistan	15,978,140	24.0	29.4	8.7	182,161
South Africa	15,683,797	15.1	19.1	12.9	188,092
Portugal	15,535,354	75.6	86.0	80.7	52,831
Israel	14,606,887	80.7	66.9	61.5	42,172
Sweden	13,353,467	64.6	68.4	60.9	39,445
Kazakhstan	13,213,887	35.5	38.4	32.1	62,908
Taiwan	12,708,428	26.9	48.7	5.2	149,678
Egypt	12,194,537	6.1	7.9	4.4	216,059
Greece	11,817,112	55.1	58.9	54.9	25,948
Czech Republic	11,674,395	54.8	56.6	55.1	11,551
Dominican Republic	11,552,920	55.8	57.3	53.2	24,399

Source: Bloomberg Vaccine Tracker, 17 September 2021

Note: Population coverage accounts for the number of doses required for each vaccine administered. The daily rate is a 7-day average; for countries that do not report daily, the last-known average rate is used.

SA Economics



Global Vaccination Campaign (continued)					
Country	No. of doses administered	Enough for % of people	Given 1+ dose	Fully vaccinated	Daily rate of doses administered
Nepal	11,530,345	20.3	21.1	19.0	99,759
Hungary	11,167,215	57.1	59.9	56.9	5,617
Venezuela	11,094,206	19.9	24.5	15.4	109,462
Austria	10,669,251	60.2	63.6	60.1	16,090
Switzerland	10,021,243	58.6	61.4	53.6	31,386
Algeria	9,989,662	11.5	13.4	9.6	284,237
Romania	9,901,220	25.5	27.5	26.9	8,775
Singapore	9,060,157	79.4	81.5	78.6	8,716
Denmark	8,756,733	75.4	76.5	74.4	7,571
Hong Kong	8,278,370	55.0	58.2	51.9	38,291
Myanmar	8,184,418	7.7	9.4	3.4	83,945
Azerbaijan	7,745,851	38.8	45.6	32.0	53,865
Norway	7,537,636	70.4	75.1	65.6	29,082
Finland	7,293,811	66.1	74.1	58.1	27,114
Ireland	7,075,889	71.5	75.6	72.1	15,222
El Salvador	7,010,709	54.3	59.8	48.8	51,831
Tunisia	6,911,801	29.3	38.8	25.9	94,797
Jordan	6,766,704	33.6	35.8	31.2	21,320
Iraq	6,672,182	8.5	10.7	6.3	295,285
Bolivia	6,347,661	27.5	35.9	26.0	18,726
Serbia	6,186,509	44.4	42.8	40.9	20,414
Uruguay	5,972,303	84.9	77.1	72.6	11,968
Guatemala	5,862,778	16.6	22.3	10.7	82,097
Nigeria	5,712,019	1.4	2.0	0.8	133,788
Panama	5,017,746	59.5	68.4	50.9	62,392
Costa Rica	4,872,085	48.0	62.0	34.0	41,639
Zimbabwe	4,855,816	16.3	19.4	13.2	43,249
Slovakia	4,693,641	43.1	44.3	40.7	5,328
Honduras	4,637,151	23.7	30.2	17.3	18,510
Qatar	4,633,897	82.9	84.4	79.4	10,341
New Zealand	4,507,944	45.8	60.5	31.1	49,218
Mongolia	4,429,335	67.2	68.2	66.3	40,346
Laos	4,402,770	30.7	37.0	26.0	9,906
Oman	4,336,872	51.7	64.6	38.8	30,052
Paraguay	4,271,051	29.9	34.1	25.6	35,074
Tajikistan	3,446,777	18.5	23.3	13.8	52,487
Mozambique	3,427,486	5.5	6.0	5.0	150,353
Croatia	3,341,864	41.1	43.4	40.7	3,957
Lithuania	3,296,750	59.2	61.5	56.9	7,858
Kenya	3,241,751	3.4	4.9	1.8	43,924
Belarus	3,085,256	16.3	17.9	14.7	15,235
Rwanda	2,882,134	11.6	14.7	8.5	39,280
Ethiopia	2,879,482	1.5	2.4	0.5	134,323
Lebanon	2,814,277	20.5	22.5	18.5	7,981
Bahrain	2,530,475	85.3	78.1	74.2	2,350
Angola	2,469,333	4.1	5.0	3.2	31,917
Bulgaria	2,437,295	17.5	17.0	18.1	7,950
Kuwait	2,380,000	25.1	56.2	19.4	12,990
Slovenia	2,013,858	49.7	51.2	46.2	9,946
Afghanistan	1,979,652	2.7	2.1	1.2	389,183
Senegal	1,768,064	5.4	7.4	3.5	3,633
Mauritius	1,625,865	64.2	66.5	61.8	5,394
Albania	1,625,636	28.3	31.6	25.0	8,332
Uganda	1,622,367	2.0	2.6	0.9	20,701

Source: Bloomberg Vaccine Tracker, 17 September 2021

Note: Population coverage accounts for the number of doses required for each vaccine administered. The daily rate is a 7-day average; for countries that do not report daily, the last-known average rate is used.

SA Economics



Global Vaccination Campaign (continued)					
Country	No. of doses administered	Enough for % of people	Given 1+ dose	Fully vaccinated	Daily rate of doses administered
Ivory Coast	1,620,480	3.1	4.5	1.0	22,994
Latvia	1,569,972	40.9	46.1	41.4	4,034
Georgia	1,534,111	20.6	24.5	16.6	22,613
Sudan	1,423,327	1.6	1.5	0.8	34,315
North Macedonia	1,411,735	34.0	36.7	31.2	12,164
Libya	1,393,696	10.6	19.0	2.1	21,271
Guinea	1,374,371	5.0	6.9	3.1	14,540
Moldova	1,352,754	25.2	22.6	27.8	4,352
Estonia	1,322,344	49.9	56.1	43.6	3,371
Kyrgyzstan	1,305,448	10.2	11.8	8.6	10,718
Ghana	1,271,393	2.1	2.9	1.3	761
Cyprus	1,127,991	64.4	67.2	61.6	1,783
Kosovo	1,089,615	30.3	39.1	21.4	18,961
Bosnia and Herzegovina	1,060,145	16.1	19.2	12.9	7,334
Bhutan	1,046,117	70.2	76.1	64.2	134
Trinidad and Tobago	1,004,094	36.0	39.5	32.5	7,275
Malawi	1,001,022	2.5	3.6	2.3	4,482
Fiji	912,149	51.0	63.7	38.2	6,571
Mauritania	826,529	10.2	7.7	0.5	18,650
Malta	808,968	81.9	84.6	84.5	851
Luxembourg	779,620	63.5	67.9	6.2	2,467
Nicaragua	735,252	5.6	7.3	4.0	10,891
Maldives	715,975	96.2	104.8	87.7	3,011
Jamaica	693,827	12.7	18.3	7.8	13,401
Togo	651,941	4.0	5.1	2.9	6,848
Zambia	649,919	1.8	1.9	1.6	46,923
Timor-Leste	643,324	24.9	31.6	16.7	5,274
Niger	621,853	1.3	1.7	0.4	9,294
Macau	621,410	45.7	48.9	42.8	2,022
Botswana	587,595	12.4	16.0	9.3	2,802
Iceland	545,863	76.5	78.7	76.6	1,834
Syria	533,949	-	-	-	12,528
Guyana	512,067	32.6	42.9	22.3	2,764
Cameroon	444,521	0.9	1.4	0.3	1,264
Montenegro	426,662	34.2	36.3	32.1	2,392
Brunei	385,602	41.9	51.5	32.3	4,036
Namibia	374,178	7.6	9.4	5.8	3,458
Suriname	372,429	31.2	36.0	26.4	1,826
Mali	370,529	1.0	1.5	0.5	3,768
Equatorial Guinea	370,163	13.6	15.5	11.8	992
Cape Verde	368,789	33.5	49.5	17.3	4,982
Somalia	351,305	1.2	1.5	0.8	4,088
Tanzania	350,000	0.3	-	-	3,325
Armenia	335,721	5.7	7.3	4.1	5,399
Comoros	334,369	19.1	20.0	18.3	4,068
Yemen	322,934	0.5	1.0	<0.1	244
Republic of the Congo	319,231	3.5	4.5	2.5	1,563
Madagascar	283,091	0.5	0.8	0.3	1,230
Belize	261,183	32.0	43.5	20.5	1,409
Sierra Leone	221,110	1.4	2.3	0.5	2,296
Barbados	219,138	38.2	42.7	33.7	866
Eswatini	210,277	9.4	16.2	15.5	889
Gambia	201,835	4.3	8.4	7.1	4,278

Source: Bloomberg Vaccine Tracker, 17 September 2021

Note: Population coverage accounts for the number of doses required for each vaccine administered. The daily rate is a 7-day average; for countries that do not report daily, the last-known average rate is used.

SA Economics



Global Vaccination Campaign (continued)

Country	No. of doses administered	Enough for % of people	Given 1+ dose	Fully vaccinated	Daily rate of doses administered
Lesotho	201,795	4.9	2.0	–	24,504
Curaçao	185,129	56.8	59.6	54.0	153
Benin	175,926	0.7	1.3	–	868
Bahamas	173,130	22.7	27.8	17.3	1,645
Burkina Faso	166,160	0.4	0.8	0.5	4,780
Papua New Guinea	154,710	0.9	1.3	0.5	1,448
Aruba	153,936	68.7	71.9	65.6	566
Jersey	150,379	–	–	–	90
Gabon	146,464	3.5	4.0	3.0	1,424
Seychelles	145,620	75.8	77.8	73.9	85
Samoa	142,566	35.5	48.3	22.7	658
Central African Republic	135,918	1.4	2.2	1.1	6,740
Isle of Man	128,914	75.8	77.0	74.7	56
DR Congo	120,062	0.1	0.1	<0.1	1,274
Liberia	113,680	1.2	2.5	0.6	1,365
Chad	104,707	0.3	0.5	0.1	4,351
Cayman Islands	104,304	80.2	83.0	77.5	272
Greenland	102,357	89.8	124.5	61.9	300
Guernsey	101,290	–	–	–	70
Solomon Islands	97,744	7.6	11.6	3.6	1,510
Andorra	93,430	60.7	67.0	54.3	98
Bermuda	85,914	68.2	68.9	67.5	71
Antigua and Barbuda	79,390	40.9	45.0	36.8	450
Gibraltar	79,190	116.5	117.1	115.8	23
Faroe Islands	73,051	74.5	76.5	72.6	115
St. Lucia	70,929	19.7	23.4	16.0	482
Micronesia	68,972	33.2	40.8	–	148
Tonga	68,404	34.2	41.1	27.3	296
South Sudan	67,109	0.3	0.4	0.1	1,035
Djibouti	66,010	3.1	3.7	2.4	266
Sao Tome and Principe	57,154	13.4	21.2	5.7	895
Turks & Caicos	51,838	68.2	71.6	64.8	138
Haiti	50,624	0.2	0.3	0.1	1,106
Monaco	49,262	63.2	67.8	58.5	82
Sint Maarten	48,882	58.2	60.8	55.6	53
Grenada	48,140	22.1	26.2	18.0	383
San Marino	46,917	69.0	71.6	71.6	75
Saint Kitts and Nevis	46,716	41.0	43.5	38.4	51
Dominica	43,394	30.6	32.3	28.8	80
Turkmenistan	41,993	0.4	0.6	0.2	–
St. Vincent and the Grenadines	32,126	14.6	17.7	11.5	126
Guinea-Bissau	31,090	0.9	1.6	0.2	44
Anguilla	18,481	61.6	63.3	59.9	1
Nauru	14,863	57.2	58.6	55.8	4
St. Helena	7,892	65.8	72.7	58.9	8
Falkland Islands	4,407	73.5	87.7	59.2	202
Montserrat	2,840	28.4	29.3	27.5	–
Eritrea	–	–	–	–	–

Source: Bloomberg Vaccine Tracker, 17 September 2021

Note: Population coverage accounts for the number of doses required for each vaccine administered. The daily rate is a 7-day average; for countries that do not report daily, the last-known average rate is used.

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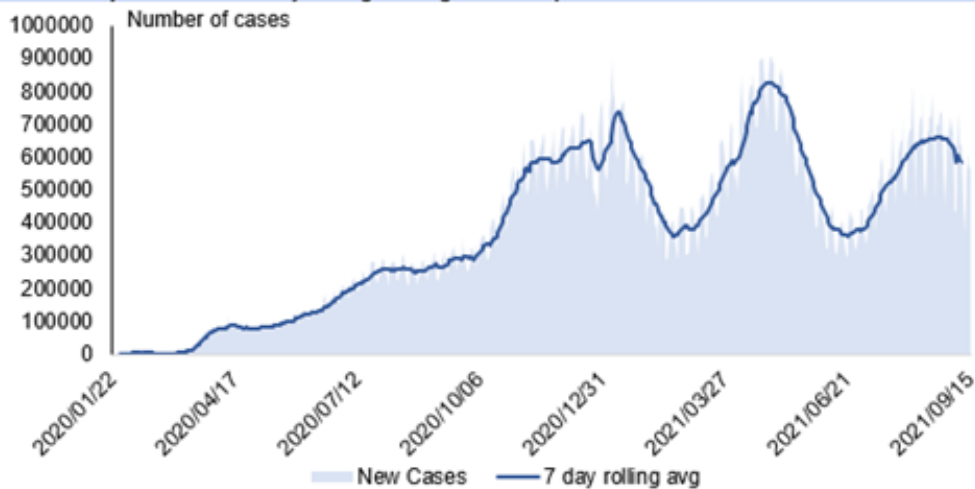
World Map of administered vaccines



Source: Bloomberg Vaccine Tracker, 17 September 2021

Note: "Population covered" divides the doses administered by each vaccine type by the number of doses required for full vaccination. Data gathered from government agencies, public statements, Bloomberg interviews and the WHO and John Hopkins University.

Global daily cases with 7 day rolling average – 16 September 2021



Source: Our World in Data

- Urging “countries with high vaccination rates - which have collectively pre-purchased over 2b(n) doses more than needed - should urgently swap their near-term delivery schedules with global distribution programs to help address gaps in low- and middle-income countries.”

SA Economics



- In South Africa 15.7 million vaccines have been administered, with 7.7m individuals fully vaccinated, and over 11m having received at least one dose. Government has said “(p)riate entities can decided whether vaccination is mandatory for employees, clients, students etc.”
- South Africa’s government has also said that it “is developing a vaccination certificate to prove vaccination status. This won’t be needed for essential services. Proposal to go to the NCC in 2 weeks.”
- On “(v)accinating children: The focus will stay on adults for now but this will be reviewed later this year. SAHPRA has already approved Pfizer for over 12s. Sinovac is doing trials in SA with under 18s.”
- South Africa’s total seven day rolling average of new COVID-19 infections has dropped to 4 339 from 6 662 last week, 8 776 the week before and 11 706 the week before that, as the third wave sees a sharp fall.
- Globally, the third wave have seen moderating economic growth, particularly in the world’s two largest economies, China and the US. Downwards revision to the global economic growth outlook are anticipated.
- The IMF highlights “the global economy is experiencing waves of supply disruptions suggesting that longer-term forces are also in play. Labor market rigidities are also unlikely to pass anytime soon.”
- “Added to inflation already in the pipeline, all this translates into stagflationary winds for the global economy that are unfamiliar to those that did not live through the 1970s. It is a scenario that more companies are putting front and center in their planning.”
- “Yet too many policymakers and, therefore, market participants lag behind realities on the ground”. “But “(t)he key point is that ... reversible factors are accompanied by supply side troubles that could last for one to two years, if not more.”

Covid-19 situation in numbers (official total and new cases in past 24 hours for the 16 Sept 2021

Reporting regions	Confirmed	Total confirmed new cases	Total Deaths	Total new deaths	Ratio of deaths to infections
South Africa	2 869 201	4667	85468	166	3.0
Region of the Americas	87 208 536	219 525	2 157 081	4 636	2.5
Globally	226 236 577	527 831	4 654 548	9 331	2.1
Eastern Mediterranean Region	15 352 726	34 090	280 586	705	1.8
European Region	67 798 955	157 754	1 305 374	2 085	1.9
African Region	5 854 409	12 339	141 289	289	2.4
Western Pacific Region	7 704 305	59 586	104 778	995	1.4
South-East Asia Region	42 316 882	44 537	665 427	621	1.6

Source: World Health Organization

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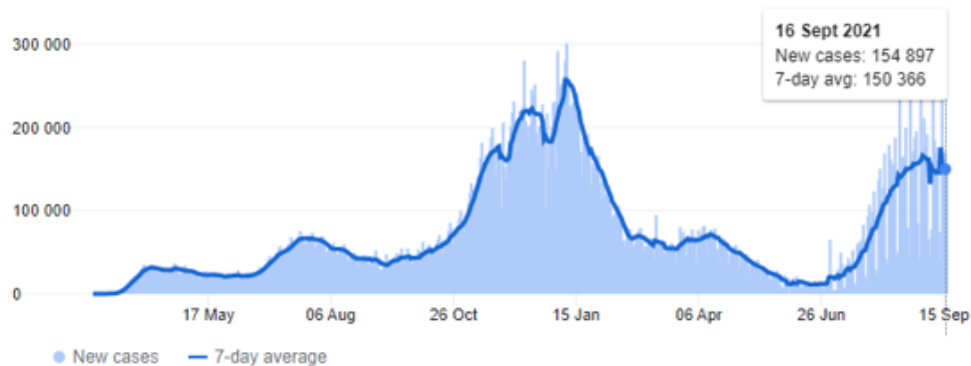


Covid-19 situation in numbers (official total and new cases in past 24 hours for the 9 Sept 2021)

Reporting regions	Confirmed	Total confirmed new cases	Total Deaths	Total new deaths	Ratio of deaths to infections
South Africa	2 836 773	12 710	84 152	535	3.0
Region of the Americas	85 726 113	178 411	2 131 332	3 109	2.5
Globally	222 406 582	569 073	4 592 934	9 213	2.1
Eastern Mediterranean Region	15 076 434	49 631	275 188	885	1.8
European Region	66 681 072	172 485	1 290 748	2 079	1.9
African Region	5 777 044	34 322	139 009	984	2.4
Western Pacific Region	7 210 427	62 819	98 079	1 098	1.4
South-East Asia Region	41 934 728	71 405	658 565	1 058	1.6

Source: World Health Organization

US daily new cases – 7 day rolling average

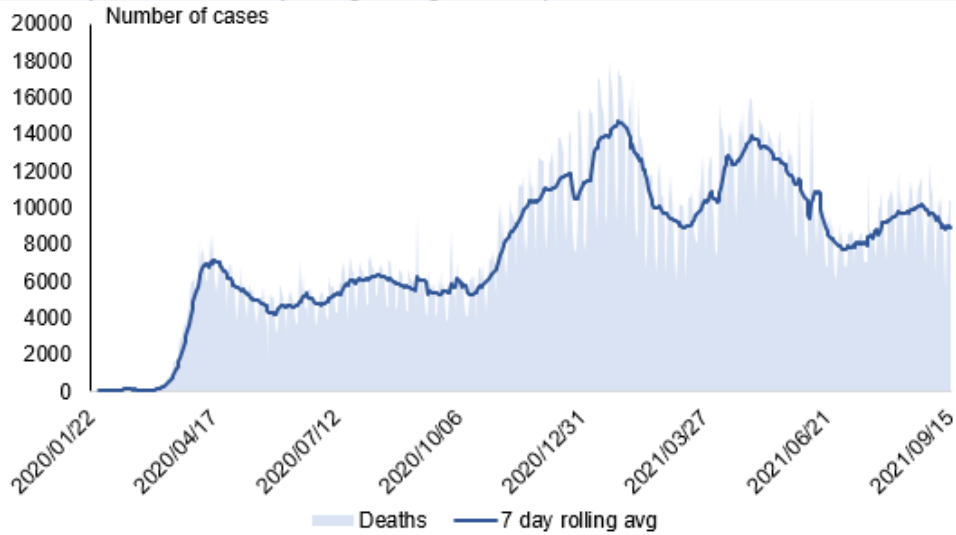


Source: The New York Times

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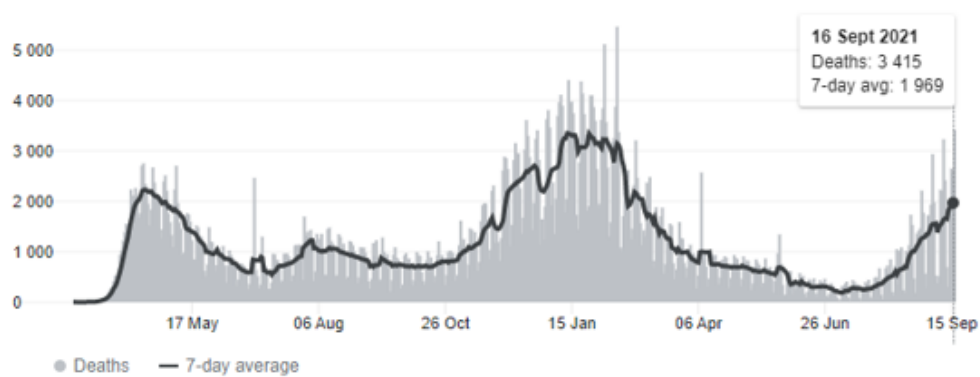


Global daily deaths with 7 day rolling average – 16 September 2021



Source: Our World in Data

US daily new deaths – 7 day rolling average



Source: The New York Times

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