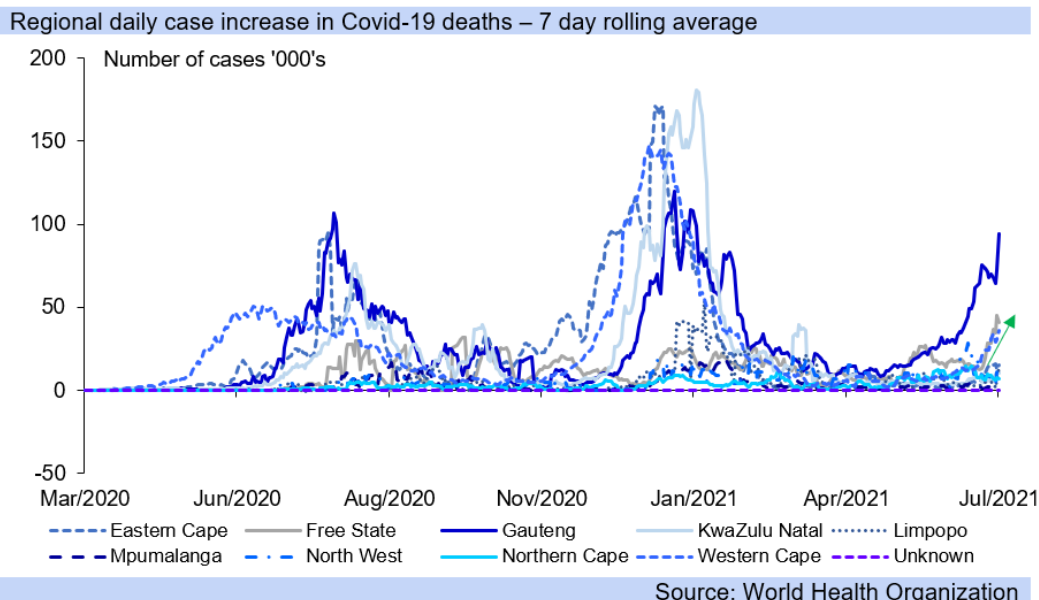
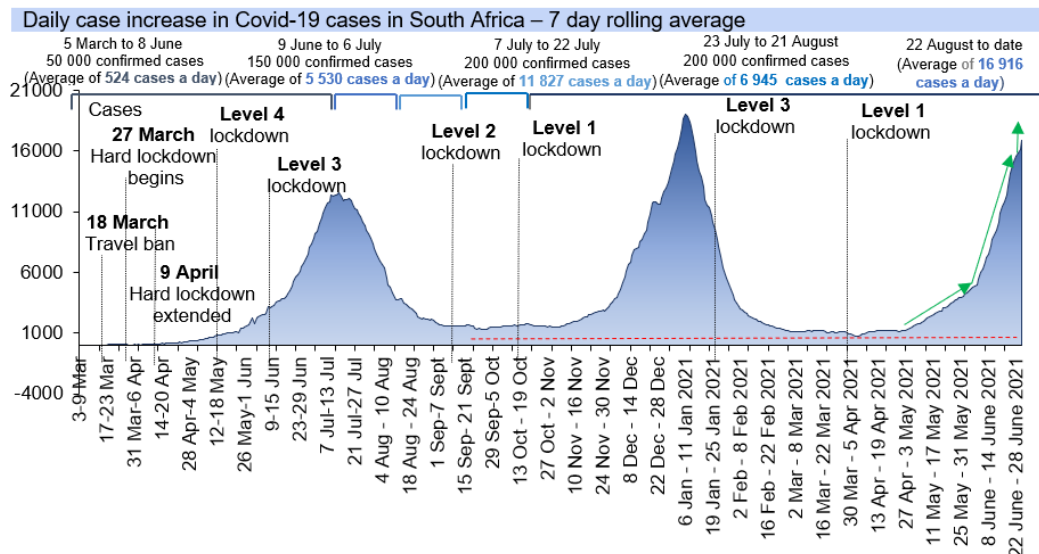


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Friday 2 July 2021

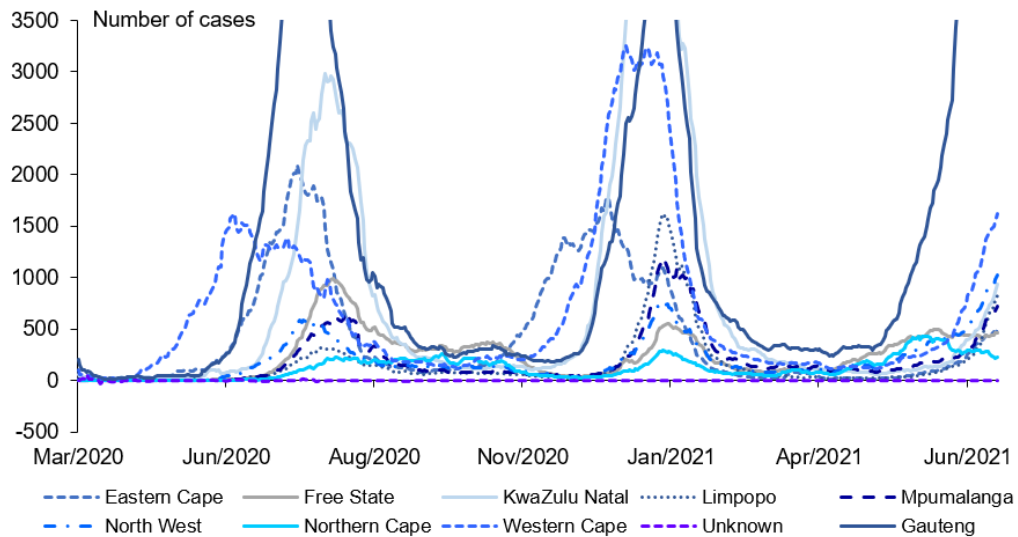
COVID-19: As South Africa's third wave approaches the peaking level of the second, a recent, sensible move to now vaccinate those fifty and older will likely work towards reducing the severity of future waves (absent harsh variants)



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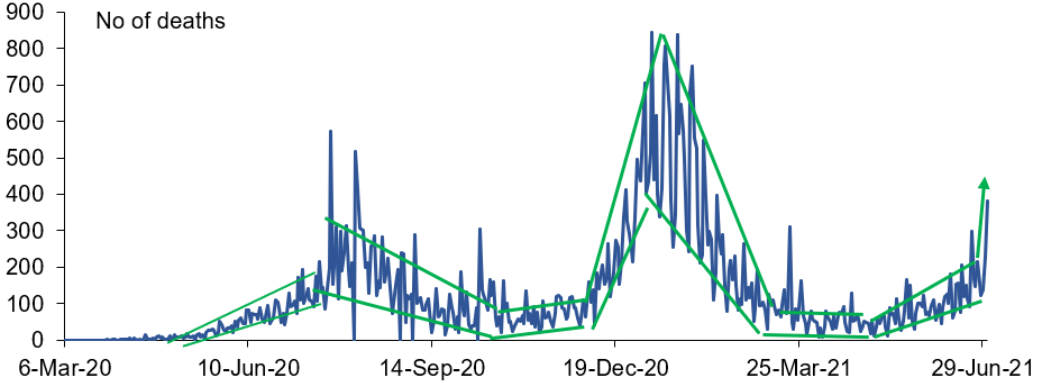


Regional daily case increase in Covid-19 cases – 7 day rolling average – first 3 500



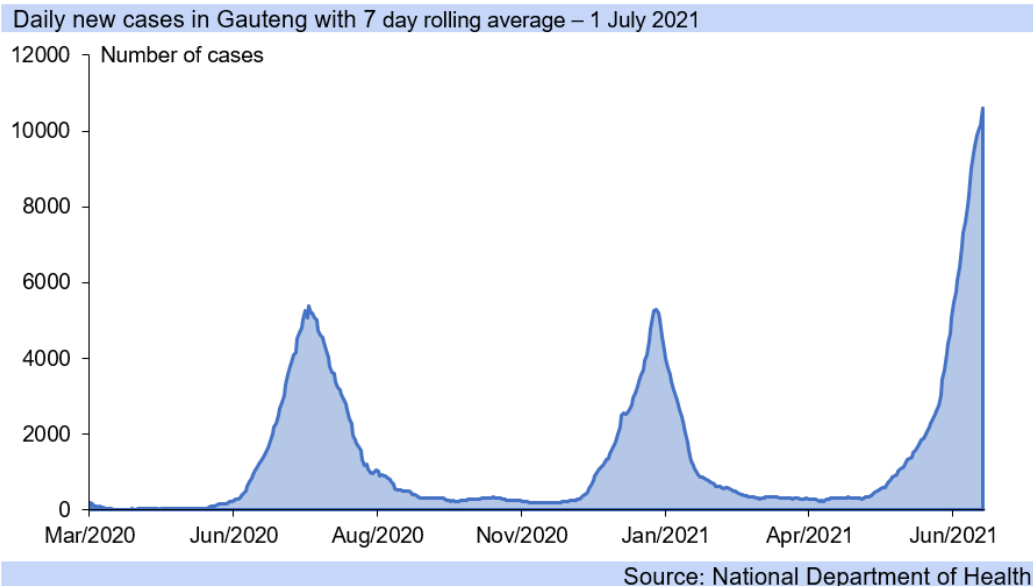
Source: National Department of Health

Number of new deaths per day in South Africa



Source: World Health Organization

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- South Africa's seven-day rolling average in new COVID-19 cases has jumped rapidly again, now at 16 916 from 13 009 last week and 9 124 the week before, with Gauteng's caseload now at 662 300, up a huge 78 291 individuals in a week from 58 136 the week before.
- Gauteng's seven-day rolling average in new COVID-19 cases is at 10 613, up from 8 305 last week and 5 737 the week before that, with the province's third wave much more severe than its first two, and currently showing no end in sight.
- Deaths from COVID-19 have started to spike up, now at 383 a day, from 166 a day seven days ago, and 77 seven days before that, although the numbers are volatile there is evidence of an upwards trend from the end of April, and a spike recently.
- The Western Cape is showing a marked quickening in its new daily COVID-19 cases on a seven day rolling average, now at 1 619 from 1 246 a week ago, and 882 a week before that as its trajectory mirrors that of Gauteng towards the end of May.
- The North West province too is still showing a marked jump up in new daily COVID-19 infections, with 1 025 recorded on a seven day rolling average, from 778 a week ago, and 573 a week before that, also mirroring Gauteng's trajectory, but earlier in May (around 18th).
- KwaZulu Natal also evinces this trend, at 935 new cases on its seven day rolling average from 599 a week before that, and it is at an earlier stage, and Limpopo at 824 and Mpumalanga this week from 474 and 510 a week before respectively.
- The other provinces show their current seven-day rolling average of new infections below 500, but they are nevertheless increasing in the main, as the country follows Gauteng's trajectory at this stage, although provincial peaks could be lower than Gauteng's.

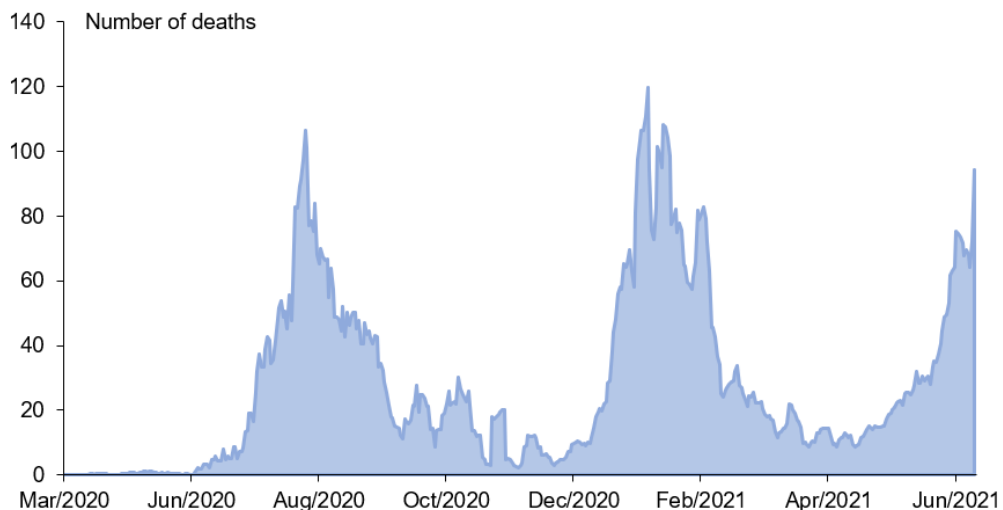
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- That is, imposition of lockdown restrictions recently will serve to eventually limit the spread of COVID-19, although it takes around seven days for infections to occur after contagions and two to three weeks for deaths to occur for those fatally affected.
- Daily COVID-19 deaths in Gauteng are already approaching the peaks of the last wave, currently at 94 (72 a week ago, 62 a week before that), while vaccinations are now just above the three million mark, at 5.2% of the population, still around 100 000 each week day.

Please scroll down to the second section below

Daily new deaths in Gauteng with 7 day rolling average – 1 July 2021



Source: National Department of Health

Covid-19 situation in numbers (total and new cases in past 24 hours for the 1 July 2021)

Reporting regions	Confirmed	Total confirmed new cases	Total Deaths	Total new deaths	Ratio of deaths to infections
South Africa	1973972	19506	60647	383	3.3
Region of the Americas	72331911	143106	1900929	3941	2.6
Globally	181930736	3936577	3945832	8097	2.2
Eastern Mediterranean Region	11022816	37031	217304	516	2.0
European Region	55994496	75420	1185776	1022	2.1
African Region	4064112	28904	96044	603	2.4
Western Pacific Region	3571224	17753	54839	259	1.5
South-East Asia Region	34945413	91443	490927	1756	1.4

Source: World Health Organization

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

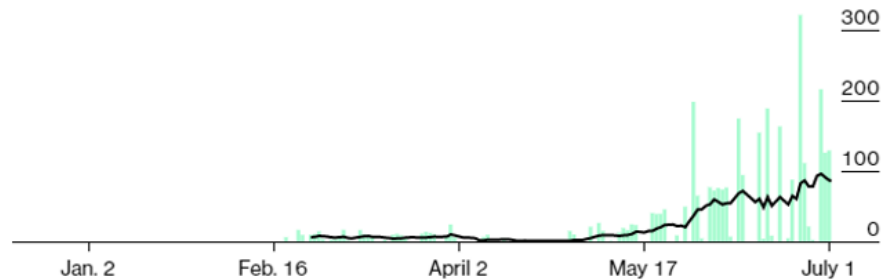
Reporting regions	Confirmed	Total confirmed new cases	Total Deaths	Total new deaths	Ratio of deaths to infections
South Africa	1 861 065	17 493	59 258	166	3.2
Region of the Americas	71 232 746	177 294	1 873 241	5 027	2.6
Globally	179 241 734	398 737	3 889 723	9 025	2.2
Eastern Mediterranean Region	10 793 326	33 469	213 897	490	2.0
European Region	55 535 235	57 960	1 177 734	999	2.1
African Region	3 880 790	28 083	93 100	381	2.4
Western Pacific Region	3 447 690	15 463	53 038	315	1.5
South-East Asia Region	34 351 183	86 468	478 700	1 813	1.4

Source: World Health Organization

South Africa vaccination rate

✓ Average daily rate estimate

Doses administered: 400K



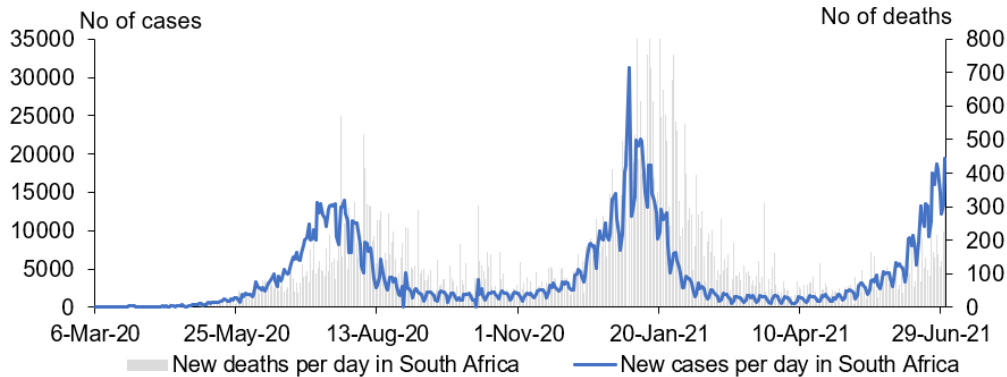
Source: Bloomberg Vaccine Tracker, 1 July 2021

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.

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Number of new infections and deaths per day in South Africa



Source: World Health Organization

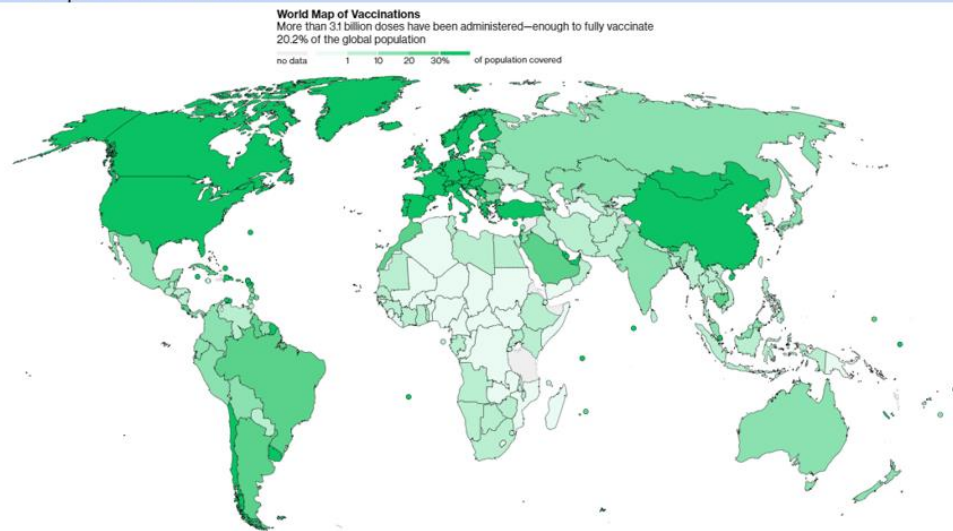
- Indeed, the fatality rate will continue to rise for two to three weeks after the number of new infections peak. South Africa has not seen the worst yet, and Q3.21 GDP will see a slowdown in growth from Q2.21.
- Even tighter lockdown restrictions, while not advisable due to the lack of total recovery in South Africa's labour market and economy, remain a risk, unless South Africans strongly adhere to the current requirements, and the curve shows a noticeable impact.
- However, this will likely only be in a few weeks' time, as infections still circulate between close contacts before then, but once the infections have worked their way through, the 'curve' should start to flatten, and having peaked begin descending.
- This is however absent any marked new variant's introduction into the system, which, while not anticipated, even remains a risk to the current vaccination administration and immunity, as the delta variants have seen the previously ill with COVID-19 reinfected in cases.
- South Africans have only seen close to two million individuals officially infected with COVID-19 out of a population of sixty million, with 61 029 COVID-19 related deaths so far in total, and 1 754 793 recoveries, placing SA at the high end of the deaths to cases ratios.
- However, with many asymptomatic, or simply not going to be tested until late stages when severe medical intervention is required in outlying areas or amongst lower income individuals, the number who have actually had COVID-19 is likely to be higher.
- Gauteng continues to have seen the most cases, followed by KwaZulu Natal at 355 847 so far since the start of last year, and 324 891 in the Western Cape, 207 610 in the Eastern Cape and 115 215 in the Free State. The rest are still below 100 000.
- Globally, vaccinations have reached 3billion, over a third of the world's population, with the best vaccines seen to be 95% effective. Fifteen countries have vaccinated more than 50% of their population, the UK and US among them, although Canada is at 50%.

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- It is expected to take seven months before 75% of the world's population is vaccinated, with the EU reaching this in two months, Spain, Italy, Germany, the UK, France, Ireland, Norway, Portugal and Switzerland in two months and the UK four months.

World Map of administered vaccines



Source: Bloomberg Vaccine Tracker, 1 July 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 websites, press conferences, public statements and Bloomberg interviews.

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Global Vaccination Campaign					
Country	No. of doses administered	Enough for % of people	Given 1+ dose	Fully vaccinated	Daily rate of doses administered
<i>Global Total</i>	3,100,826,811	–	–	–	41,860,028
Mainland China	1,244,675,000	44.5	–	–	21,253,286
EU	370,672,005	41.7	51.0	34.1	4,034,167
India	339,628,356	12.4	20.2	4.4	4,625,965
U.S.	328,152,304	51.3	54.6	47.0	1,122,990
Brazil	101,476,804	24.1	35.4	12.9	1,101,947
U.K.	77,909,177	58.3	67.2	49.5	334,964
Germany	74,871,502	45.1	55.1	37.3	765,017
France	55,050,533	42.5	52.6	35.9	589,831
Italy	52,959,259	43.9	56.5	31.2	687,455
Turkey	50,709,591	30.5	42.3	18.3	754,150
Mexico	45,113,218	17.7	24.2	15.2	535,022
Japan	44,910,572	17.8	23.5	12.1	1,303,121
Indonesia	44,160,960	8.3	11.4	5.1	869,174
Spain	42,027,584	45.2	55.1	38.7	533,387
Russia	38,000,000	12.9	15.7	10.2	448,980
Canada	37,361,601	49.8	66.7	19.5	478,564
Poland	29,242,214	38.5	44.5	35.0	247,127
Chile	22,883,806	59.9	65.9	55.1	130,988
Argentina	20,907,721	23.3	37.4	9.1	283,720
South Korea	20,377,601	19.7	29.7	9.7	116,284
Morocco	19,169,576	26.9	28.2	25.7	159,939
Colombia	18,281,743	18.1	22.9	13.7	320,418
Saudi Arabia	17,847,430	26.2	46.6	–	148,653
Netherlands	15,974,932	46.4	57.5	31.5	213,915
Pakistan	15,971,641	3.9	6.3	1.5	306,688
UAE	15,362,342	71.5	47.3	35.7	75,427
Belgium	10,905,591	47.6	62.4	35.1	124,625
Israel	10,782,752	59.6	62.0	57.1	14,866
Hungary	10,452,414	53.5	56.2	50.7	49,869
Bangladesh	10,165,043	3.1	3.5	2.6	7,667
Philippines	10,065,414	4.7	7.0	2.4	236,867
Thailand	9,672,706	6.9	9.9	4.0	218,303
Romania	8,977,086	23.1	24.4	23.4	21,305
Portugal	8,571,465	41.7	52.7	30.7	102,195
Greece	8,475,823	39.5	45.5	35.7	100,490
Czech Republic	8,237,527	38.7	47.4	30.8	95,220
Malaysia	8,083,685	12.4	17.7	7.1	218,455
Australia	7,806,975	15.3	26.0	–	115,397
Sweden	7,789,784	37.7	46.0	29.4	88,483
Austria	7,747,028	43.7	53.7	35.0	88,826
Peru	7,486,309	11.3	13.3	9.3	97,985
Dominican Republic	7,482,545	36.1	46.2	26.0	115,313
Switzerland	7,267,978	42.5	50.6	34.4	94,802
Cambodia	6,616,277	20.1	23.1	17.1	115,231
Cuba	5,988,743	26.4	24.3	–	124,974
Iran	5,717,914	3.4	4.9	2.0	93,659
Singapore	5,365,803	47.0	57.4	36.7	56,133
Denmark	5,308,871	45.7	57.6	33.8	59,966
Serbia	5,146,241	36.9	38.7	35.2	37,744
Kazakhstan	4,428,255	11.9	14.8	9.0	77,341
Finland	4,322,972	39.2	59.6	18.7	82,531
Egypt	4,282,641	2.2	3.5	0.8	22,619
Norway	4,183,148	39.0	49.1	29.0	54,768

Source: Bloomberg Vaccine Tracker, 1 July 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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Global Vaccination Campaign (continued)					
Country	No. of doses administered	Enough for % of people	Given 1+ dose	Fully vaccinated	Daily rate of doses administered
Ireland	4,005,196	40.5	49.8	31.1	46,524
Uruguay	3,965,059	56.3	64.6	48.0	39,050
Ecuador	3,797,663	11.0	14.7	7.3	94,897
Vietnam	3,776,980	2.0	3.7	0.2	164,378
Hong Kong	3,776,916	25.1	30.3	19.9	54,617
Sri Lanka	3,693,289	8.5	12.6	–	58,021
Uzbekistan	3,680,361	5.5	6.5	–	92,083
Mongolia	3,672,268	55.7	59.1	52.3	12,137
Jordan	3,617,998	18.0	23.5	12.4	78,275
Azerbaijan	3,597,108	18.0	22.6	13.4	64,394
Slovakia	3,590,631	32.9	37.1	28.8	35,103
Nigeria	3,397,472	0.8	1.1	–	73,168
Ukraine	3,387,650	4.1	6.4	1.7	103,331
Myanmar	3,368,042	3.2	3.5	2.3	8,292
Nepal	3,232,604	5.7	8.8	2.6	11,312
Qatar	3,177,744	56.8	61.9	51.8	31,670
South Africa	3,155,717	3.1	3.9	0.8	86,496
El Salvador	2,586,522	20.0	23.4	16.7	41,723
Croatia	2,573,481	31.6	36.6	26.7	25,318
Bolivia	2,368,991	10.3	14.9	5.6	23,336
Costa Rica	2,331,030	23.0	30.3	15.7	25,787
Lithuania	2,238,685	40.2	44.6	37.6	17,525
Angola	2,060,190	3.4	5.0	1.8	31,129
Bahrain	2,045,028	68.9	71.3	66.5	9,457
Taiwan	2,043,218	4.3	8.5	0.2	42,441
Ethiopia	1,989,597	1.0	2.1	–	574
Tunisia	1,844,651	7.8	11.0	4.7	26,114
Lebanon	1,773,876	12.9	19.9	13.4	22,378
Bulgaria	1,761,277	12.7	13.8	11.6	9,426
Panama	1,519,538	18.0	23.1	12.9	14,070
Venezuela	1,446,988	2.6	4.4	0.8	20,571
Slovenia	1,417,653	35.3	39.8	33.1	4,511
Ghana	1,232,876	2.0	2.8	–	222
Kenya	1,201,325	1.3	2.1	–	5,983
New Zealand	1,149,608	11.7	14.3	9.0	18,606
Zimbabwe	1,146,378	3.8	4.7	3.0	6,764
Latvia	1,144,460	29.8	34.2	28.4	7,432
Kuwait	1,120,000	11.8	–	–	40,000
Laos	1,100,013	7.7	10.0	5.4	14,720
Belarus	1,068,413	5.6	7.4	3.9	20,498
Albania	968,034	16.9	19.7	14.1	7,880
Estonia	956,029	36.1	42.3	33.4	5,928
Guatemala	948,878	2.7	4.4	0.9	9,758
Uganda	937,417	1.2	2.2	<0.1	558
Iraq	910,641	1.2	1.4	0.7	13,878
Afghanistan	886,854	1.2	1.9	0.5	17,611
Cyprus	809,234	46.2	52.8	39.6	5,852
Paraguay	783,265	5.5	9.1	1.9	72,247
Ivory Coast	731,396	1.4	2.5	0.3	631
Moldova	726,970	13.6	16.9	10.2	8,448
Oman	720,199	8.6	12.8	4.4	4,539
Mauritius	706,948	27.9	38.4	–	36,028
Sudan	677,957	0.8	1.3	–	7,362
Malta	670,759	67.9	72.7	66.0	4,290

Source: Bloomberg Vaccine Tracker, 1 July 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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Global Vaccination Campaign (continued)					
Country	No. of doses administered	Enough for % of people	Given 1+ dose	Fully vaccinated	Daily rate of doses administered
Senegal	664,826	2.0	3.2	0.9	8,471
Honduras	637,928	3.3	5.9	–	13,734
Rwanda	578,569	2.3	2.8	1.8	4,576
Luxembourg	551,725	44.9	55.5	34.3	6,534
Guinea	536,262	2.0	2.8	1.1	2,874
North Macedonia	506,605	12.2	14.1	10.3	5,037
Maldives	506,233	68.0	85.1	50.9	1,104
Malawi	492,390	1.2	1.9	–	168
Bhutan	484,751	32.5	65.1	–	80
Mozambique	438,382	0.7	1.1	–	3,342
Iceland	422,848	59.2	72.8	59.7	5,005
Libya	379,404	2.9	5.8	–	1,556
Macau	347,396	25.5	35.1	16.2	5,068
Togo	347,246	2.1	3.3	–	9,527
Guyana	335,091	21.3	29.4	13.3	2,285
Fiji	310,385	17.3	30.4	–	7,558
Montenegro	290,246	23.3	24.3	22.3	1,215
Yemen	268,753	0.4	0.8	–	2,481
Georgia	265,290	3.6	4.4	2.8	2,844
Equatorial Guinea	264,853	9.7	11.1	8.4	1,029
Niger	255,587	0.5	1.0	–	6,938
Jamaica	249,983	4.6	6.3	–	3,976
Trinidad and Tobago	243,574	8.7	13.4	–	6,862
Timor-Leste	228,766	8.8	15.7	–	6,583
Tajikistan	223,648	1.2	2.2	–	13,082
Somalia	208,415	0.7	0.9	–	2,877
Madagascar	197,001	0.4	0.7	–	178
Kosovo	189,006	5.3	8.0	2.5	5,698
Suriname	184,583	15.5	25.3	–	3,251
Mali	179,634	0.5	0.7	–	1,199
Nicaragua	167,500	1.3	2.6	–	82
Curaçao	165,545	50.8	54.2	47.4	317
Mauritania	161,604	2.0	3.8	0.2	5,226
Barbados	161,059	28.1	32.5	23.6	1,101
Botswana	153,100	3.2	6.4	–	731
Zambia	147,220	0.4	0.8	–	797
Namibia	145,957	3.0	4.9	1.0	1,985
Seychelles	137,676	71.7	73.6	69.8	48
Aruba	125,182	55.9	60.0	51.7	357
Jersey	122,930	–	–	–	423
Cameroon	110,324	0.2	0.3	–	1,981
Isle of Man	107,327	63.1	74.4	51.9	1,070
Belize	106,010	13.0	19.6	–	1,508
Sierra Leone	97,315	0.6	1.1	–	789
Cayman Islands	89,619	68.9	73.0	64.9	415
Comoros	84,360	4.8	4.9	–	57
Cape Verde	82,451	7.5	13.9	–	2,033
Liberia	82,212	0.9	1.7	–	1,393
Guernsey	81,551	–	–	–	409
Bahamas	79,246	10.4	14.2	–	1,590
Bermuda	78,413	62.2	66.1	16.4	270
Republic of the Congo	78,413	0.9	0.7	–	1,251

Source: Bloomberg Vaccine Tracker, 1 July 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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Global Vaccination Campaign (continued)					
Country	No. of doses administered	Enough for % of people	Given 1+ dose	Fully vaccinated	Daily rate of doses administered
Armenia	78,135	1.3	2.2	0.4	2,822
Gibraltar	78,089	114.8	115.4	114.3	6
Central African Republic	77,543	0.8	–	–	3,878
Algeria	75,000	0.1	–	–	6,248
Brunei	73,940	8.0	13.3	2.8	1,328
Andorra	65,877	42.8	53.4	32.2	1,550
Antigua and Barbuda	63,755	32.9	37.1	–	535
DR Congo	59,443	<0.1	0.1	–	1,647
Samoa	56,994	14.2	25.2	–	883
Greenland	54,062	47.4	73.1	21.8	1,290
St. Lucia	51,849	14.4	16.9	11.9	140
Papua New Guinea	51,170	0.3	0.6	–	591
Gabon	50,496	1.2	1.7	0.7	2,920
Micronesia	47,588	22.9	27.0	–	306
Benin	46,108	0.2	0.3	–	2,799
South Sudan	44,920	0.2	0.3	–	2,990
San Marino	44,515	65.5	68.5	65.7	18
Turkmenistan	41,993	0.4	0.6	0.2	–
Gambia	40,810	0.9	1.3	–	1,458
Dominica	39,309	27.7	28.6	26.8	95
Sint Maarten	38,290	45.6	50.3	40.9	297
Turks & Caicos	38,110	50.1	59.7	40.6	69
Lesotho	36,637	0.9	1.8	–	1,091
Monaco	36,609	46.9	50.9	43.0	188
Saint Kitts and Nevis	35,659	31.3	39.6	–	408
Eswatini	34,897	1.6	3.1	–	1,618
Grenada	31,494	14.4	17.9	11.0	334
Tonga	29,270	14.6	28.7	–	26
Sao Tome and Principe	27,986	6.6	7.7	–	770
Djibouti	26,796	1.2	1.9	–	247
Burkina Faso	25,833	0.1	0.1	–	620
St. Vincent and the Grenadines	23,970	10.9	13.3	8.5	141
Solomon Islands	23,634	1.8	3.0	–	361
Guinea-Bissau	22,883	0.6	1.2	–	1,212
Anguilla	15,789	52.6	61.8	18.9	84
Nauru	10,556	40.6	57.7	23.5	205
Chad	9,799	<0.1	0.1	–	344
St. Helena	7,091	59.1	59.4	58.8	120
Falkland Islands	4,407	73.5	87.7	59.2	202
Montserrat	2,640	26.4	28.2	24.6	6
Kyrgyzstan	937	<0.1	<0.1	–	21
Bosnia and Herzegovina	–	–	–	–	–
Faroe Islands	–	–	–	–	621

Source: Bloomberg Vaccine Tracker, 1 July 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.