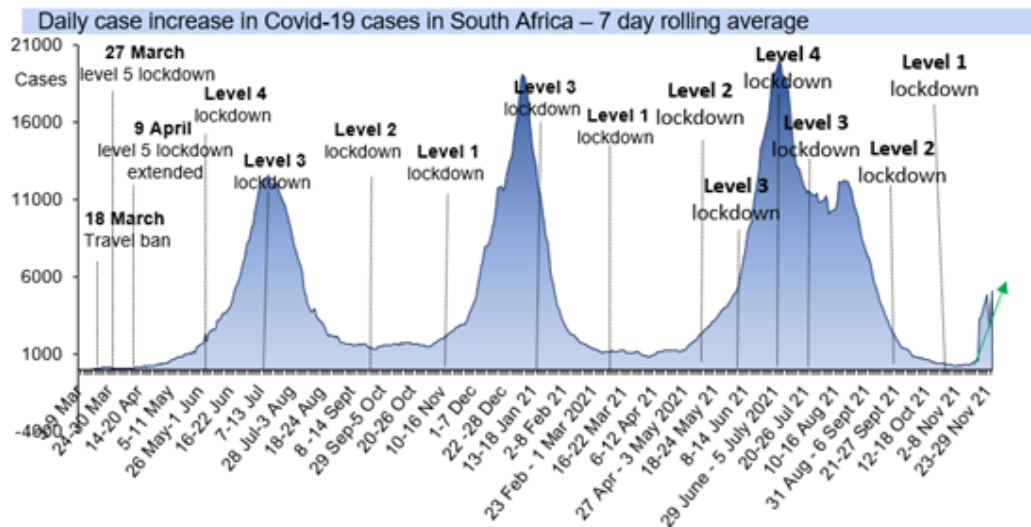


SA Economics



Friday 3 December 2021

Covid-19: Omicron, named last Friday, ramps up in SA, as the virus proves particularly virulent, while the NICD continues to report relatively low hospitalization rates



SA Economics

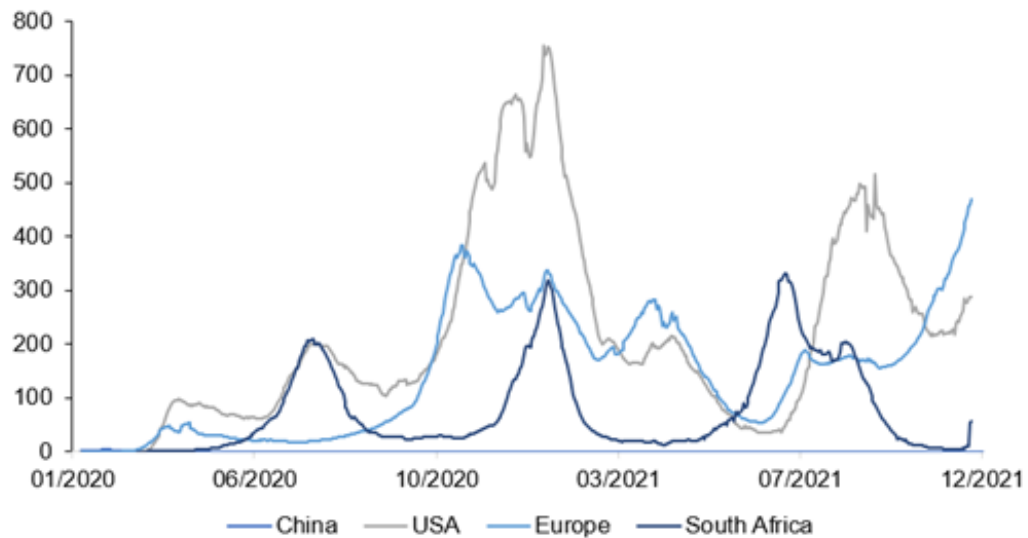


Global daily new deaths – 7 day rolling average



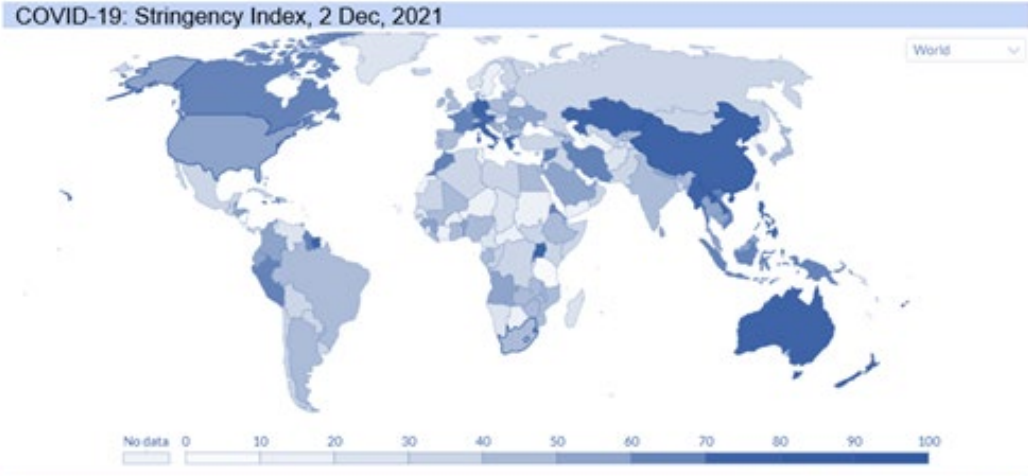
Source: Our World in Data

New cases smoothed per million (2/12/2021)

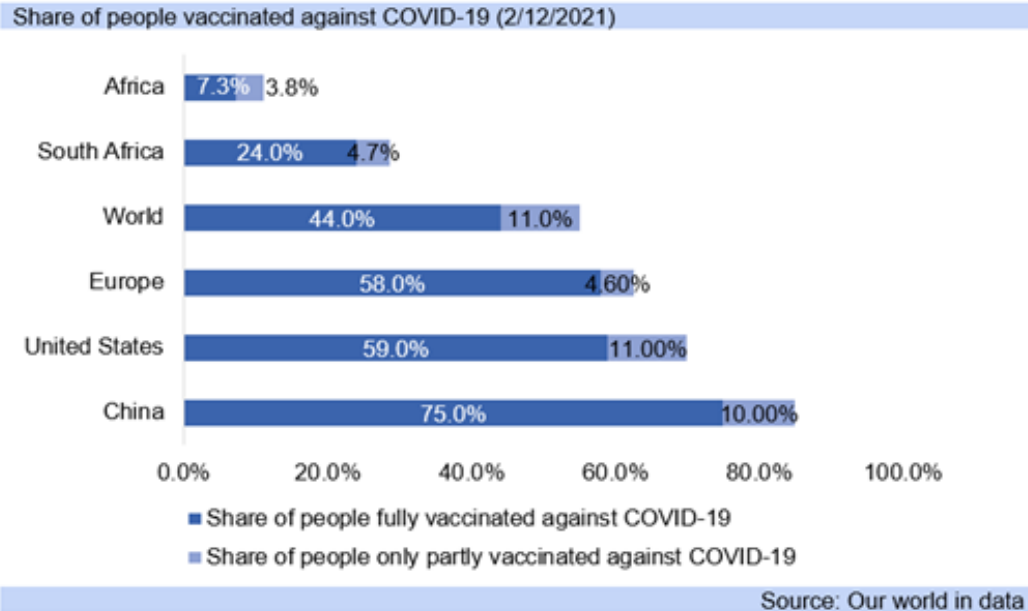


Source: Our world in data

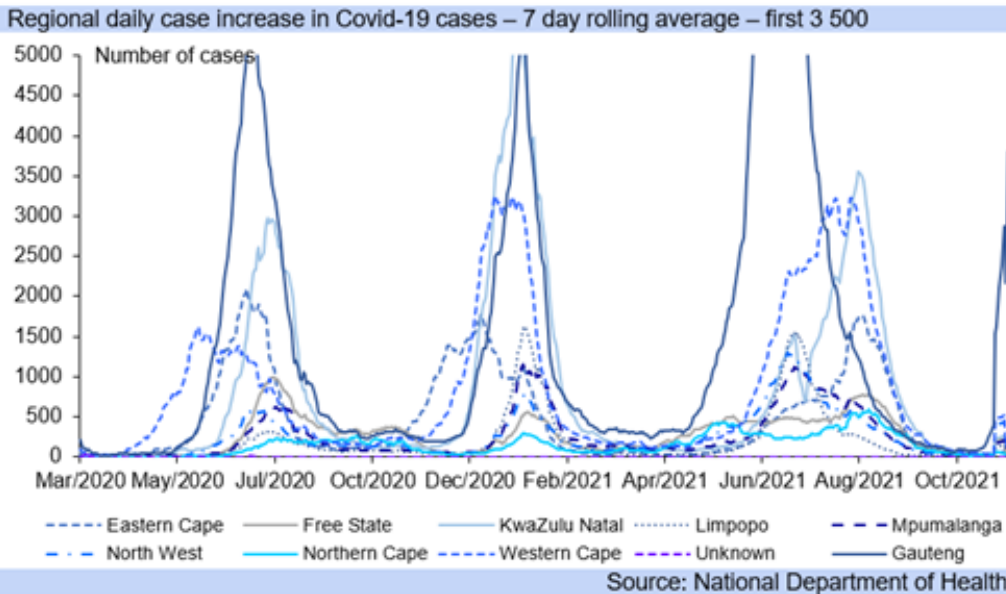
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Source: Our world in data
 This is a composite measure based on nine response indicators including school closures, workplace closures, and travel bans, rescaled to a value from 0 to 100 (100 = strictest). If policies vary at the subnational level, the index is shown as the response level of the strictest sub-region.



SA Economics



- South Africa has seen a large jump up in daily new cases of COVID-19 infections, at 11 535 yesterday from 1 275 a week ago, and 312 two days before that. The fourth wave of COVID-19 infections has hit SA rapidly, with the omicron variant seen to be highly contagious.
- The 7-day rolling average of new daily cases of COVID-19 infections is at 5 093, well up on 3 202 a week ago, despite the figure a week ago being distorted by the addition of some (18 586) previously excluded cumulative tests on the preceding Tuesday.
- Globally, new cases are occurring at 0.7million a day from last week's 0.6million, and are still on an upwards trajectory on a 7-day rolling average basis, similar to the trajectory of the third wave at this point.
- The US's fourth wave reached 109 294 new daily infections yesterday, with the third wave peak reaching 285 058 at its peak. The US 7-day rolling average has started to rise again, after a down tick recently which is usual as numbers can be lumpy.
- Deaths in the US still appear to be on a downward trend, ticking up briefly in what looked to potentially be a fourth wave of COVID-19 fatalities but then subsiding again. However, with deaths typically taking place a number of weeks after infection the curve can still tick up again.
- Gauteng reported 8 280 new cases out of the 11 535 yesterday, with the rest of the provinces all below 1 000, and only the Western Cape and KZN above 500 at 727 and 630 respectively, and 2 988 148 recorded cases overall for SA since the pandemic started.

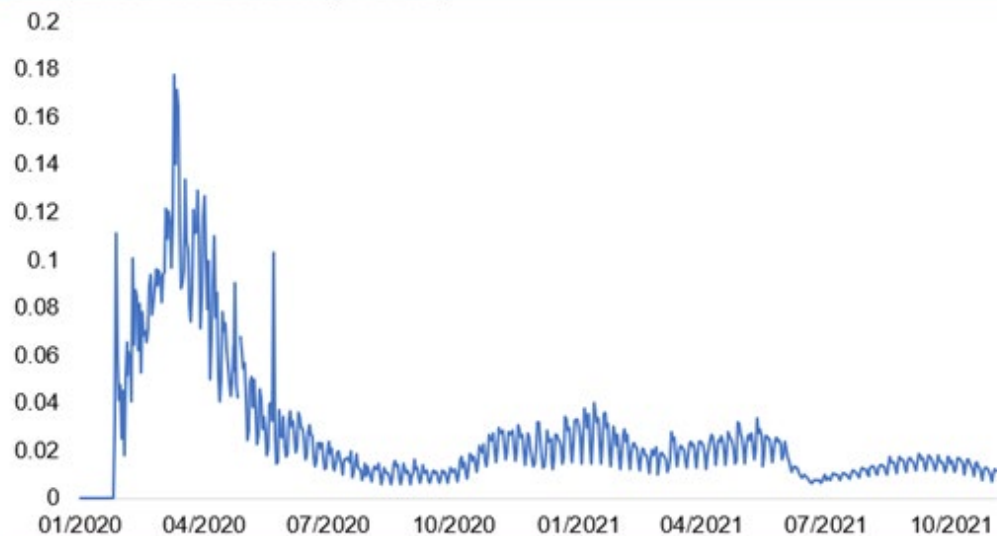
SA Economics



- Indeed, Gauteng accounts for 72% of cases, the Western Cape 6% and KZN 5%. Currently 2 904 individuals are in hospital with COVID-19, split between private and public hospitals, with the positivity rate at 22.4%.
- The World Health Organisation (WHO) shows South Africa and central Africa, along with some of North Africa, along with the west coast of South America having some of the most severe public health and social measures globally to combat COVID-19.
- South Africa is currently assessing the viability of making vaccines against COVID-19 mandatory, at least for certain sections of the economy, as many other countries have, is a global move to alleviate the devastating economic and health effects of the virus for many.

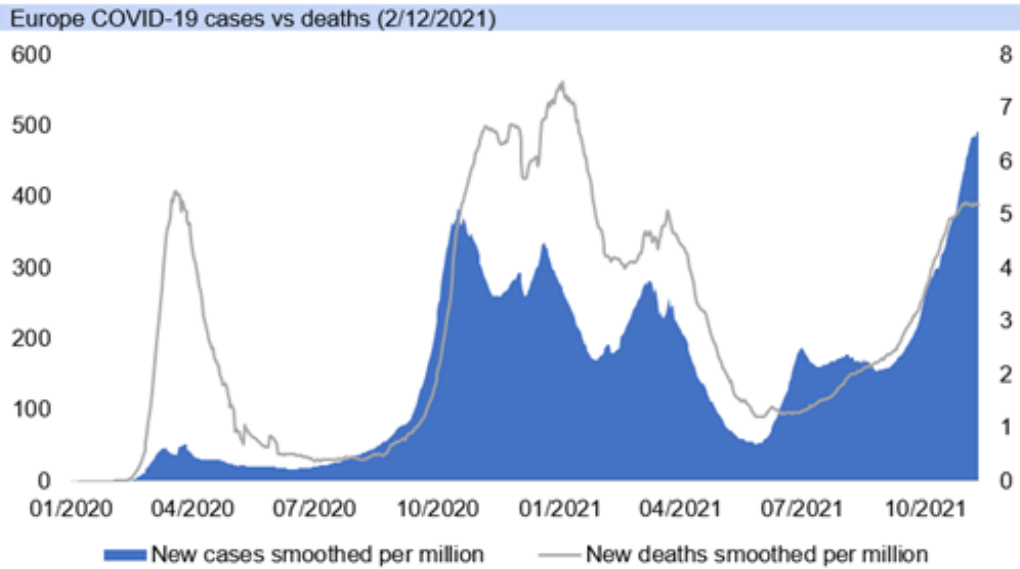
Please scroll down to the second section below

Europe ratio of deaths to cases (2/12/2021)

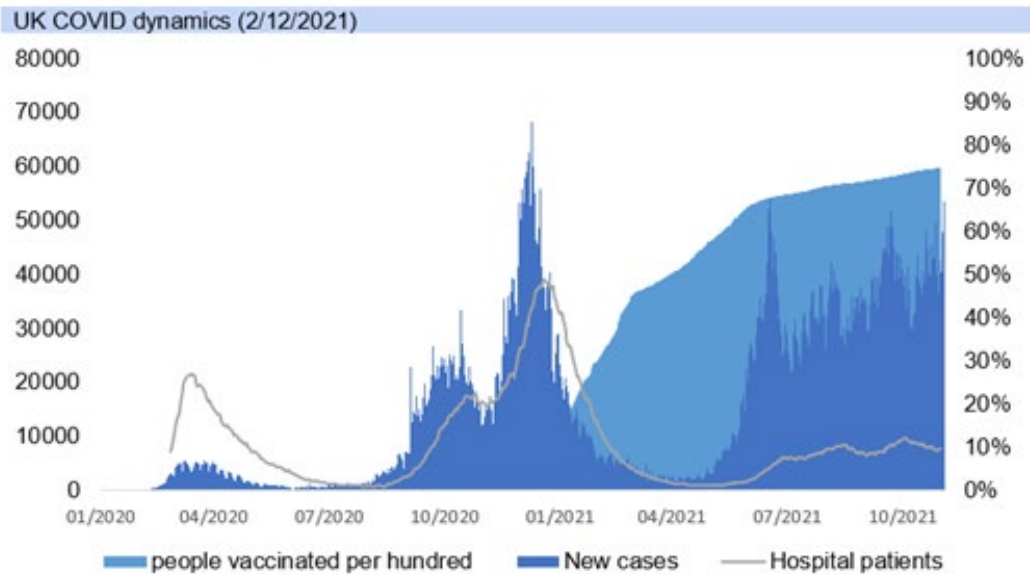


Source: Our World in Data

SA Economics

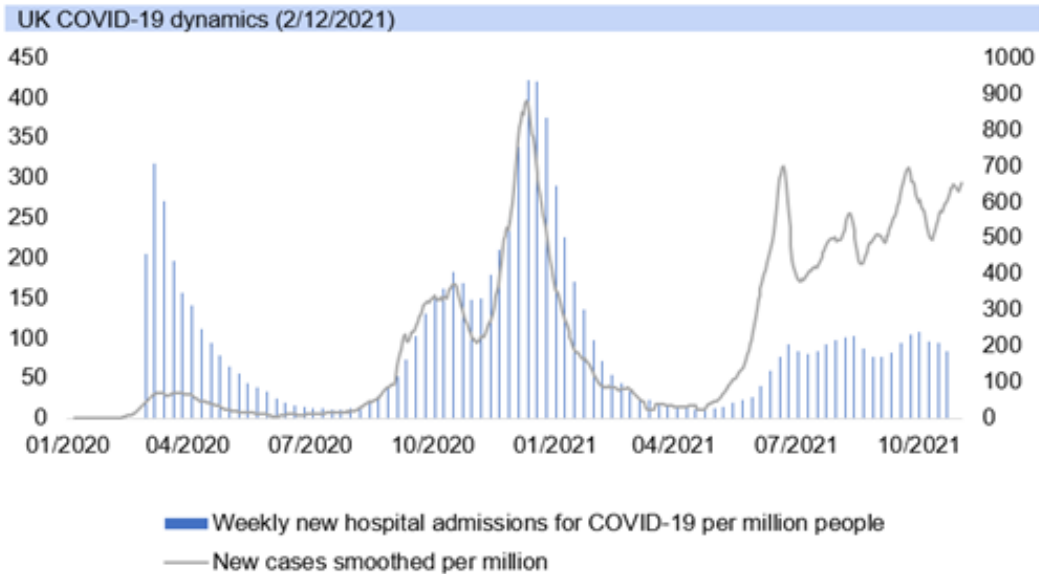


Source: Our World in Data

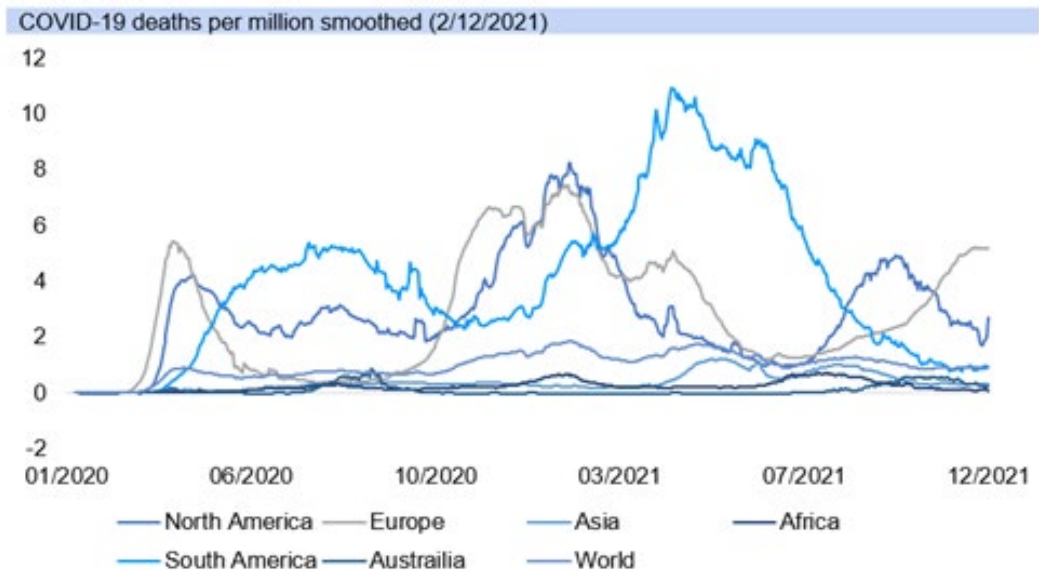


Source: Our World in Data

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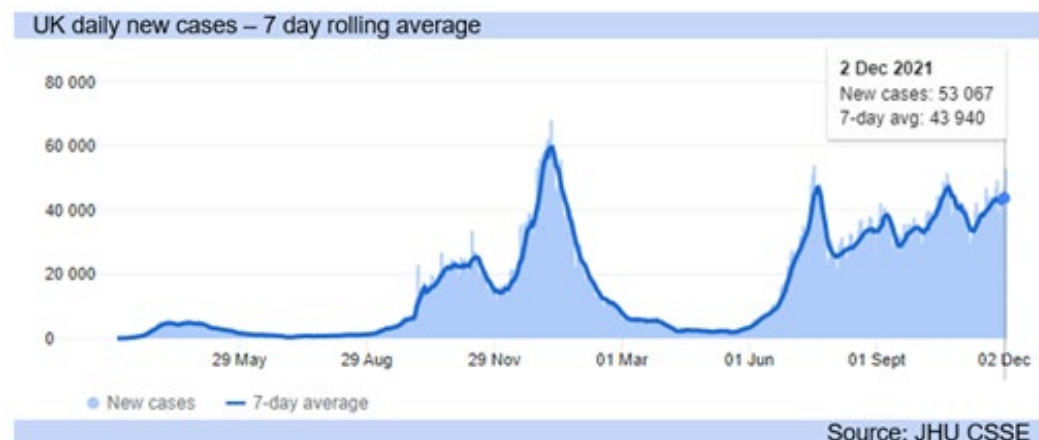


Source: Our World in Data



Source: Our World in Data

SA Economics



- Deputy Health Minister Dr Sibongiseni Dhlomo is reported to have said “(y)ou may find a space for yourself somewhere alone because while you insist on your individual right not to vaccinate, you must also be ready to protect the collective rights of many other people”.
- “A collective right becomes superior to an individual right. We will not deny you to stay at home if you so wish but you can't force yourself into a taxi of 10 other people who are vaccinated if you refuse to vaccinate but you want to travel with them to work.”
- South Africa's Human Rights Commission (SAHRC) has found that “it would be ‘constitutionally permissible’ to require people to vaccinate provided that this is done in accordance with the processes stipulated in the constitution”.
- “(T)he constitution does provide for the Bill of Rights to be subject to limitations: Therefore, the rights of individuals, ... can be limited ... when the limitation of these rights is done in terms of a law of general application, that is, if the state passes a law that articulates a general compulsory Covid-19 vaccination regime.”

SA Economics



- A mandatory vaccine policy is expected to be implemented early next year, with broad agreement reported at NEDLAC, with labour unions in support, along with the aim of a 90% vaccination rate for SA.
- With Minister Mondli Gungubele, reported to have said “(w)e are at a crucial turning point in our response to the pandemic. We cannot afford further restrictions on economic activity or the uncertain pendulum swings that have characterized lockdowns in the past.”
- Costau adds that “(w)e have raised it with government that when it comes into effect they will need to make sure the police are on alert, we don’t need anyone misbehaving,” he said. “People can protest but we can’t tolerate burning of restaurants and schools and so on.”
- At least, those visiting/working in hospitals, places of worship, attending large-scale events, using public transport, grocery stores, restaurants and other indoor places of entertainment and certain government services have been earmarked as requiring vaccination.
- For new variants to be wiped out, complete global vaccination is envisaged, but is unlikely to be achieved as scientists race against new variants with booster shots and vaccine hesitancy prevails. However, high vaccination rates will go a long way to mitigating the pandemic.

Germany daily new cases – 7 day rolling average



Source: JHU CSSE

SA Economics



Germany daily new cases – 7 day rolling average



Source: JHU CSSE

Australia daily new deaths – 7 day rolling average



Source: The New York Times

SA Economics



Global Vaccination Campaign						
Country	No. of doses administered	Doses per 100 people	Given 1+ dose	Fully vaccinated	Booster dose	Daily rate of doses administered
<i>Global Total</i>	8,095,029,854	–	–	–	–	36,914,066
Mainland China	2,516,380,000	179.7	87.5	79.3	–	8,537,571
India	1,257,592,793	92.0	57.9	33.2	–	7,783,162
EU	648,356,609	145.9	71.4	68.8	10.8	2,792,300
U.S.	462,263,845	139.2	70.4	59.4	12.6	979,814
Brazil	310,770,495	147.9	78.1	70.7	8.0	1,009,832
Indonesia	238,828,284	89.5	52.5	36.2	–	1,287,132
Japan	197,329,920	156.4	79.1	77.3	–	127,066
Mexico	132,840,902	104.1	60.4	51.0	–	237,910
Russia	128,735,921	87.7	45.7	38.9	3.1	714,674
Germany	124,401,062	149.7	71.6	68.7	13.5	696,680
Pakistan	124,054,300	60.6	39.5	24.8	–	325,188
Vietnam	122,083,464	126.6	73.8	52.8	–	1,511,169
Turkey	120,516,813	144.9	67.7	60.7	16.5	114,006
U.K.	116,467,922	174.4	76.4	69.5	23.8	428,565
France	106,416,640	164.2	80.2	78.5	13.4	393,547
Iran	104,781,077	125.8	68.9	56.9	1.1	225,685
Bangladesh	99,871,848	60.0	37.1	22.2	–	1,098,959
Italy	96,951,797	160.6	78.3	74.8	11.8	337,590
Thailand	93,753,156	134.7	69.4	59.6	4.9	469,172
Philippines	89,070,292	83.0	41.5	34.4	0.4	1,505,991
South Korea	85,609,485	165.6	82.4	79.5	6.5	254,052
Spain	76,899,564	165.4	82.5	80.9	11.0	189,487
Argentina	68,874,746	153.3	81.8	66.8	4.7	301,303
Canada	60,816,867	162.1	79.9	76.9	–	84,211
Colombia	57,521,265	114.2	74.1	48.8	–	362,687
Malaysia	53,517,981	164.3	79.3	77.9	7.4	172,968
Morocco	48,851,348	137.3	68.9	68.4	–	18,879
Saudi Arabia	47,449,878	139.2	72.2	65.9	–	29,772
Poland	42,033,071	110.7	55.0	53.9	8.2	147,299
Peru	41,843,357	126.2	67.8	55.7	2.7	261,691
Chile	40,995,489	214.6	88.3	84.5	44.8	101,795
Egypt	40,644,158	40.9	26.1	15.4	–	349,741
Australia	39,386,849	154.3	78.5	73.9	1.8	93,428
Uzbekistan	33,672,515	101.3	52.6	17.7	–	238,320
Taiwan	31,810,156	134.8	77.4	57.4	–	268,248
Sri Lanka	29,687,682	136.2	73.1	63.1	–	6,610
Cambodia	28,774,496	174.5	85.8	81.1	13.9	37,712
Cuba	28,434,067	250.9	89.7	81.3	–	70,260
Myanmar	28,100,411	53.2	31.2	19.8	–	318,748
Venezuela	26,314,390	94.6	59.0	35.4	–	137,282
South Africa	25,782,259	43.9	29.6	24.8	–	117,311
Ecuador	25,098,057	145.3	78.6	64.7	–	105,800
Ukraine	24,952,848	59.8	32.4	27.4	–	199,213
Netherlands	24,636,432	143.0	76.9	73.8	–	27,810
UAE	21,895,945	203.7	91.2	82.2	27.1	19,764
Belgium	18,913,938	165.1	77.2	75.9	15.6	81,415
Nepal	18,317,508	64.4	34.7	29.7	–	160,162
Portugal	17,601,716	171.3	88.6	86.9	–	180,316

Source: Bloomberg Vaccine Tracker, 3 December, 2021

Note: The daily rate is a 7-day average, or places that don't report daily, the last known average rate is used.

SA Economics



Global Vaccination Campaign						
Country	No. of doses administered	Doses per 100 people	Given 1+ dose	Fully vaccinated	Booster dose	Daily rate of doses administered
Kazakhstan	16,862,524	90.5	47.1	43.5	-	23,063
Israel	16,217,560	179.2	70.1	63.8	45.2	12,547
Sweden	15,990,167	154.8	73.6	69.3	11.0	60,833
Romania	14,952,118	77.1	40.0	38.3	-	46,635
Greece	14,406,712	134.3	65.9	61.7	13.4	77,917
Hungary	14,282,270	146.1	62.8	59.9	25.7	97,748
Austria	14,065,322	158.8	71.8	67.5	23.3	112,207
Dominican Republic	13,832,651	133.5	66.4	54.1	12.9	12,649
Czech Republic	13,598,875	127.7	62.6	59.9	8.8	56,682
Iraq	12,268,675	31.4	19.3	12.1	-	79,045
Algeria	12,076,870	27.8	15.5	12.3	<0.1	11,093
Switzerland	11,983,616	140.2	68.5	66.8	6.9	45,104
Tunisia	11,393,466	96.7	60.6	43.8	3.6	64,757
Azerbaijan	10,567,919	105.9	50.9	45.8	9.1	29,229
Mozambique	10,145,909	32.6	20.6	12.0	-	75,568
Guatemala	10,129,197	57.5	34.0	23.2	-	51,779
Singapore	10,083,329	176.8	88.9	87.9	-	496
Nigeria	9,846,182	4.9	3.1	1.7	-	51,534
Denmark	9,829,691	169.3	78.7	76.8	14.6	125,751
Ethiopia	9,555,907	9.9	8.4	1.5	-	380,785
Hong Kong	9,482,714	126.1	63.3	60.4	-	19,624
El Salvador	9,179,875	142.2	68.6	62.9	10.7	14,537
Angola	9,026,310	30.0	20.8	9.2	-	76,017
Rwanda	8,748,557	70.6	46.9	24.2	-	110,646
Norway	8,668,799	161.8	79.2	71.5	11.1	24,357
Bolivia	8,650,062	74.9	43.8	35.8	3.2	24,006
Finland	8,625,318	156.3	77.8	73.2	-	20,388
Ireland	8,301,247	167.7	78.0	76.7	17.8	36,314
Jordan	8,008,442	79.5	41.2	38.4	-	13,766
Honduras	7,960,942	81.5	45.0	40.2	-	4,956
Serbia	7,899,611	113.4	46.9	44.9	21.7	19,101
New Zealand	7,616,944	154.7	79.2	73.8	1.7	32,954
Turkmenistan	7,580,976	129.5	74.7	54.8	-	1,505,846
Kenya	7,175,590	15.1	9.8	5.8	-	83,874
Costa Rica	7,137,983	140.6	76.6	63.4	0.7	18,248
Uruguay	6,802,542	193.3	78.2	75.5	39.4	4,057
Zimbabwe	6,640,440	44.6	25.6	19.0	-	24,235
Kuwait	6,578,646	138.5	69.6	66.6	2.3	105,691
Nicaragua	6,376,188	97.7	62.1	35.6	-	42,883
Belarus	6,331,049	66.8	38.2	28.6	-	50,763
Paraguay	6,060,065	84.7	46.8	38.0	1.4	15,354
Panama	5,985,389	141.9	73.2	68.7	4.3	5,850
Oman	5,934,585	141.5	78.9	67.4	-	7,462
Laos	5,830,021	81.4	52.3	43.3	-	47,226
Tajikistan	5,579,193	60.0	32.5	26.0	-	41,051

Source: Bloomberg Vaccine Tracker, 3 December, 2021

Note: The daily rate is a 7-day average, or places that don't report daily, the last known average rate is used.

SA Economics



Global Vaccination Campaign						
Country	No. of doses administered	Doses per 100 people	Given 1+ dose	Fully vaccinated	Booster dose	Daily rate of doses administered
Slovakia	5,396,227	99.0	48.5	43.1	--	22,186
Afghanistan	5,116,767	13.8	11.5	9.3	--	183,095
Qatar	4,996,503	178.8	84.4	79.4	--	7,206
Mongolia	4,959,860	150.4	68.6	65.3	--	8,679
Uganda	4,835,777	12.1	9.6	2.3	--	187,416
Croatia	4,154,022	102.1	53.8	47.8	--	15,102
Lebanon	3,982,788	58.1	30.2	27.9	--	17,718
Ivory Coast	3,845,788	14.6	10.2	4.5	--	79,190
Lithuania	3,720,941	133.7	67.3	64.5	11.4	13,755
Ghana	3,493,688	11.6	8.8	2.8	--	21,026
Bulgaria	3,350,019	48.2	26.9	25.6	--	15,299
Bahrain	2,936,188	197.9	80.1	78.2	--	8,057
Sudan	2,698,219	6.2	5.3	1.3	--	22,580
Slovenia	2,688,239	130.0	59.6	55.7	14.7	29,428
Guinea	2,566,333	18.8	12.2	6.7	--	1,939
Libya	2,354,729	35.8	25.8	9.9	--	9,013
Latvia	2,204,205	114.8	66.5	62.2	--	6,164
Georgia	2,197,838	59.0	31.6	27.5	--	10,635
Albania	2,101,039	73.2	37.6	33.5	2.3	3,874
Kyrgyzstan	2,033,611	31.8	17.6	14.1	--	9,600
Senegal	1,910,830	11.7	8.1	5.7	--	1,029
Mauritius	1,875,132	148.0	72.3	72.2	--	15,908
Mauritania	1,734,046	42.7	26.1	16.6	--	2,716
Estonia	1,691,736	127.7	62.6	59.6	--	5,082
North Macedonia	1,675,793	80.6	42.6	38.1	3.0	2,383
Togo	1,665,087	20.6	13.6	7.0	--	22,481
Moldova	1,625,371	60.6	36.4	34.9	--	4,108
Kosovo	1,617,512	89.9	47.5	42.4	--	1,170
Bosnia and Herzegovina	1,553,874	47.1	25.2	21.8	--	6,753
Malawi	1,431,650	7.1	5.7	3.0	--	5,879
Syria	1,422,377	--	--	--	--	1,928
Botswana	1,352,557	56.9	42.8	19.7	--	16,386
Tanzania	1,337,045	2.4	1.6	1.7	--	15,973
Cyprus	1,310,756	149.6	71.0	66.6	12.1	3,802
Trinidad and Tobago	1,290,935	92.5	49.2	46.2	--	1,801
Fiji	1,237,108	138.2	72.8	65.5	--	2,984
Armenia	1,236,264	41.6	26.9	14.7	--	12,206
Bhutan	1,153,555	154.8	79.1	75.7	--	39
Somalia	1,139,332	7.6	4.5	3.8	--	29,150
Jamaica	1,114,343	40.9	24.6	18.8	--	3,917
Timor-Leste	1,112,223	86.0	50.0	33.4	--	6,316
Zambia	1,086,607	5.9	4.4	3.8	--	8,320
Niger	971,636	4.2	2.2	2.0	--	661
Malta	962,678	194.9	88.2	87.5	25.1	3,278
Cameroon	953,375	3.7	3.0	2.3	--	7,433

Source: Bloomberg Vaccine Tracker, 3 December, 2021

Note: The daily rate is a 7-day average, or places that don't report daily, the last known average rate is used.

SA Economics



Global Vaccination Campaign						
Country	No. of doses administered	Doses per 100 people	Given 1+ dose	Fully vaccinated	Booster dose	Daily rate of doses administered
Luxembourg	920,149	149.9	74.1	70.0	11.2	4,265
Macau	918,971	135.1	71.2	64.0	-	3,168
Sierra Leone	868,726	11.1	9.0	4.6	-	6,883
Mali	847,067	4.4	3.7	1.7	-	28,077
Yemen	774,953	2.4	1.7	1.1	-	2,248
Maldives	772,056	207.5	106.4	97.9	3.3	1,147
Brunei	752,450	163.6	87.8	75.8	-	2,024
Madagascar	685,440	2.5	2.0	1.8	-	8,508
Guyana	681,103	86.8	51.1	35.6	-	1,865
Iceland	665,013	186.3	80.0	78.8	38.4	3,948
Burkina Faso	661,796	3.3	2.2	1.5	-	13,149
Republic of the Congo	651,411	14.3	11.4	2.8	-	1,623
Namibia	649,840	26.4	14.4	12.0	-	9,814
Lesotho	617,671	30.2	28.4	27.9	-	3,253
Liberia	589,628	12.9	10.8	10.0	-	10,790
Cape Verde	544,075	98.9	54.0	44.9	-	595
Montenegro	532,923	85.5	44.2	41.2	-	1,217
Comoros	523,256	59.9	32.3	27.6	-	3,608
Suriname	483,930	81.1	43.2	36.7	-	2,956
Papua New Guinea	467,166	5.4	3.1	2.3	-	3,897
Equatorial Guinea	445,684	32.8	18.2	14.6	-	237
Central African Republic	422,496	8.9	7.6	6.8	-	9
Belize	407,766	99.9	55.9	47.4	-	605
Benin	383,501	3.2	2.9	2.5	-	2,588
Guinea-Bissau	368,395	20.7	19.7	1.1	-	827
Eswatini	306,445	27.5	24.4	23.4	-	1,007
Barbados	290,345	101.2	53.5	47.7	-	325
Bahamas	280,176	73.5	39.8	36.3	-	630
Gabon	277,979	13.4	8.0	5.4	-	1,519
Gambia	268,008	11.4	10.1	9.5	-	61
Chad	258,618	1.6	1.2	0.5	-	1,281
Samoa	248,729	123.7	69.6	54.2	-	1,474
South Sudan	218,154	1.6	1.4	1.0	-	9,705
Solomon Islands	208,046	32.5	25.2	7.3	-	2,033
Curaçao	198,191	121.6	63.2	58.4	-	119
DR Congo	193,416	0.2	0.1	0.1	-	1,667
Jersey	184,891	-	-	-	-	461
Haiti	184,769	1.6	1.0	0.6	-	13,145
Seychelles	179,462	186.9	85.4	81.2	-	342
Aruba	161,648	144.3	74.7	69.6	-	35

Source: Bloomberg Vaccine Tracker, 3 December, 2021

Note: The daily rate is a 7-day average, or places that don't report daily, the last known average rate is used.