

COVID-19 UPDATE DAILY

23 March 2021



MENTENOVA

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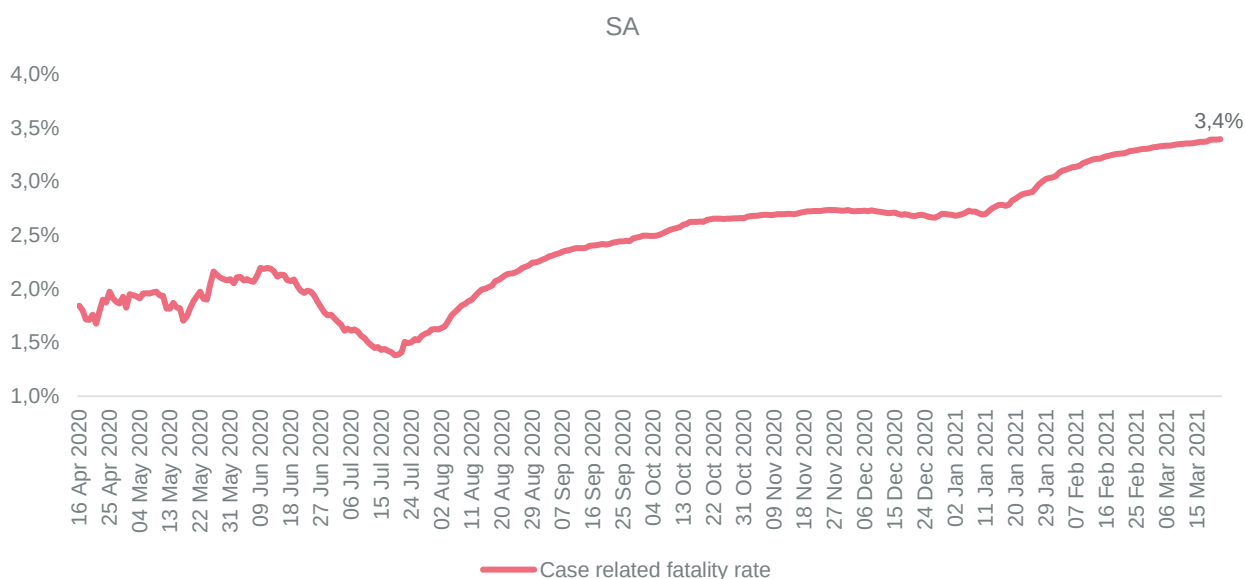
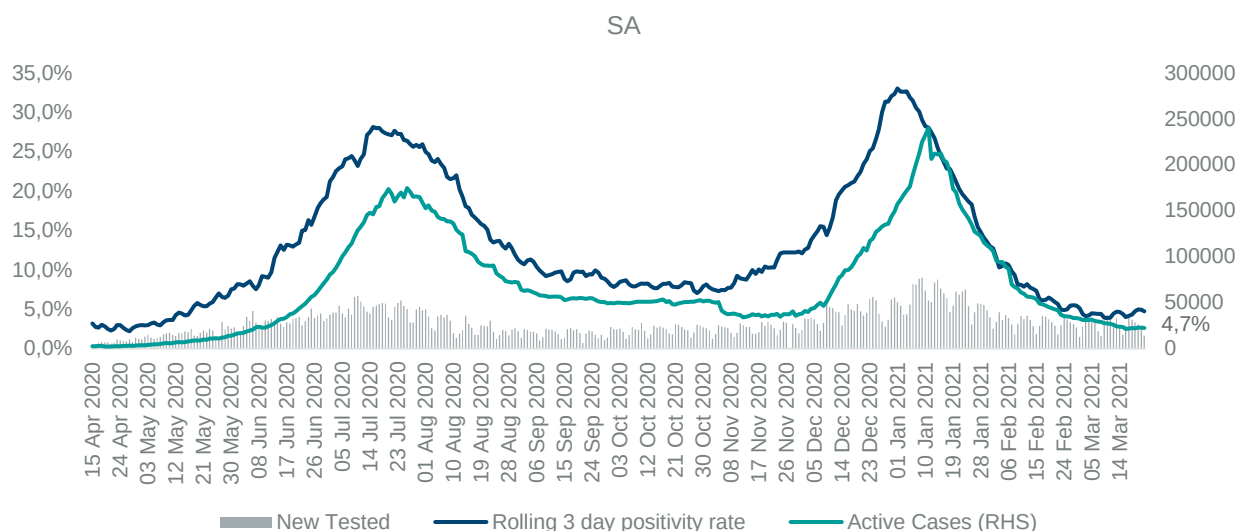


COVID-19 UPDATE DAILY

Our team at Mentenova continues to monitor the progression of the COVID-19 pandemic while the biggest vaccine campaign in history has begun. As a team we would like to share this information with you. Please find the updated COVID-19-related charts below.

1. SA AND USA POSITIVITY RATE

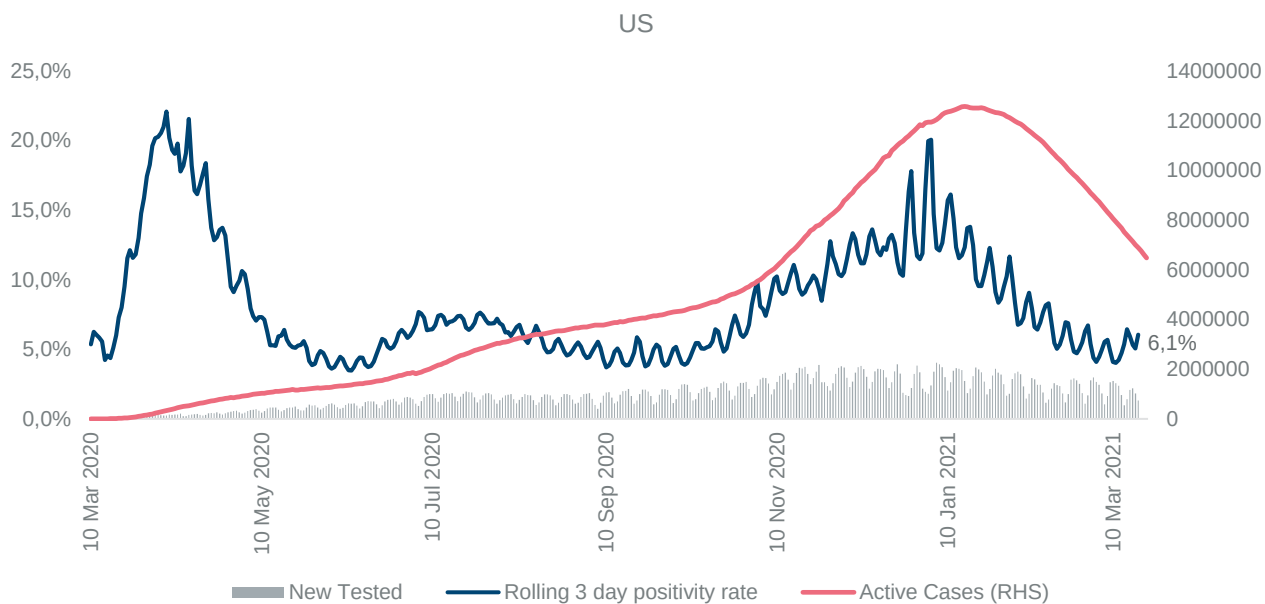
The rolling 3-day positivity rate for South Africa increased slightly to 4.7%, with the case related fatality rate remained unchanged at 3.4%.



Source: <https://sacoronavirus.co.za/>



The rolling 3-day positivity rate for the US steadied at 6.1% on 19 March, which subjects to data revisions.



Source: <https://ourworldindata.org/coronavirus-testing>

<https://www.coronatracker.com/analytics/>

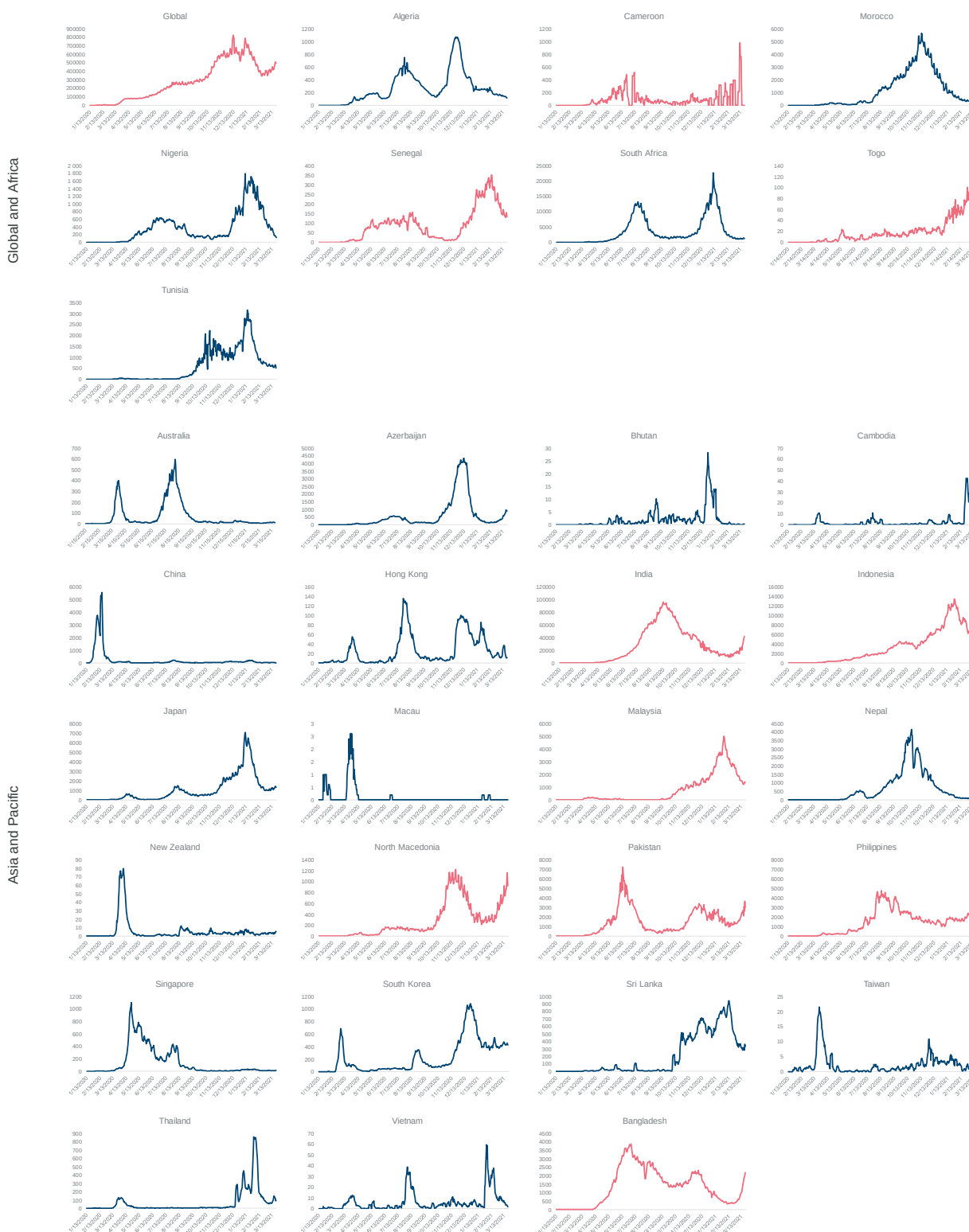


The table below is sorted by number of total cases in descending order.

Country	Region	Latest Number of Cases	Latest Number of Deaths	Active Cases	Active Cases % of World	Case % Population	Tested per 1000 People	Daily Rate of New Case (22 March)	Rolling 3 Day Average	Trend	Daily Rate of New Death (22 March)	Rolling 3 Day Average	Trend	Death Rate (22 March)	Rolling 3 Day Average	Trend
Global		123 691 988	2 723 354	20 710 815				0.4%	0.4%		0.3%	0.3%		2.2%	2.2%	
U.S.	North America	29 869 518	542 949	6 480 566	31.3%	9.0%	1 154.8	0.2%	0.2%		0.1%	0.1%		1.8%	1.8%	
Brazil	LATAM	12 047 526	295 425	1 244 106	6.0%	5.7%	110.8	0.4%	0.5%		0.5%	0.6%		2.5%	2.5%	
India	Asia & Pacific	11 686 796	160 166	345 377	1.7%	0.8%	169.9	0.4%	0.4%		0.1%	0.1%		1.4%	1.4%	
Russia	Europe	4 416 226	93 812	245 229	1.2%	3.0%	804.8	0.2%	0.2%		0.4%	0.4%		2.1%	2.1%	
France	Europe	4 358 910	92 776	3 934 249	19.2%	6.7%	778.4	1.9%	0.9%		0.7%	0.3%		2.1%	2.1%	
U.K.	Europe	4 315 602	126 411	495 036	2.4%	6.4%	1 717.0	0.1%	0.1%		0.0%	0.0%		2.9%	2.9%	
Italy	Europe	3 390 181	105 328	552 371	2.7%	5.6%	778.4	0.4%	0.6%		0.4%	0.3%		3.1%	3.1%	
Spain	Europe	3 228 803	73 543	167 780	0.8%	6.9%	895.9	0.5%	0.2%		0.9%	0.3%		2.3%	2.3%	
Germany	Europe	2 678 262	75 011	169 451	0.8%	3.2%	567.9	0.3%	0.4%		0.1%	0.2%		2.8%	2.8%	
Argentina	LATAM	2 252 172	54 671	159 815	0.8%	5.0%	184.5	0.3%	0.3%		0.2%	0.1%		2.4%	2.4%	
Mexico	LATAM	2 197 160	198 239	258 667	1.2%	1.7%	39.9	0.1%	0.1%		0.1%	0.2%		9.0%	9.0%	
Poland	Europe	2 073 129	49 365	347 756	1.7%	5.5%	296.8	0.7%	1.0%		0.1%	0.4%		2.4%	2.4%	
Iran	Middle east	1 808 422	61 877	196 886	1.0%	2.2%	141.0	0.4%	0.4%		0.1%	0.1%		3.4%	3.4%	
Ukraine	Europe	1 615 659	32 010	314 763	1.5%	3.7%	175.2	0.5%	0.7%		0.5%	0.6%		2.0%	2.0%	
South Africa	Africa	1 539 451	52 196	22 602	0.1%	2.6%	162.5	0.0%	0.1%		0.2%	0.1%		3.4%	3.4%	
Czech Republic	Europe	1 467 333	24 810	196 595	0.8%	13.7%	561.0	0.2%	0.4%		0.6%	0.7%		1.7%	1.7%	
Peru	LATAM	1 466 326	50 198	27 574	0.1%	4.4%	265.4	0.0%	0.3%		0.0%	0.2%		3.4%	3.4%	
Indonesia	Asia & Pacific	1 465 928	39 711	128 250	0.6%	0.5%	29.5	0.4%	0.4%		0.4%	0.3%		2.7%	2.7%	
Netherlands	Europe	1 224 947	16 426	1 208 518	5.8%	7.2%	539.8	0.5%	0.6%		0.1%	0.1%		1.3%	1.3%	
Canada	North America	943 920	22 695	41 066	0.2%	2.5%	707.6	0.5%	0.4%		0.2%	0.1%		2.4%	2.4%	
Chile	LATAM	938 094	22 359	38 546	0.2%	5.0%	557.7	0.7%	0.7%		0.4%	0.4%		2.4%	2.4%	
Romania	Europe	900 858	22 268	69 836	0.3%	4.7%	280.9	0.4%	0.5%		0.3%	0.4%		2.5%	2.5%	
Belgium	Europe	838 238	22 728	760 885	3.7%	7.2%	907.7	0.3%	0.5%		0.1%	0.1%		2.7%	2.7%	
Israel	Europe	828 764	6 109	15 002	0.1%	9.6%	1 521.9	0.1%	0.1%		0.3%	0.2%		0.7%	0.7%	
Portugal	Europe	817 778	16 784	33 120	0.2%	8.0%	865.9	0.0%	0.0%		0.1%	0.1%		2.1%	2.1%	
Iraq	Middle east	798 547	14 036	65 350	0.3%	2.0%	193.8	0.6%	0.6%		0.2%	0.2%		1.8%	1.8%	
Sweden	Europe	744 272	13 262	730 984	3.5%	7.4%	682.9	0.0%	0.0%		0.0%	0.0%		1.8%	1.8%	
Philippines	Asia & Pacific	671 792	12 972	80 970	0.4%	0.6%	87.1	1.2%	1.2%		0.0%	0.2%		1.9%	2.0%	
Pakistan	Asia & Pacific	633 741	13 935	34 535	0.2%	0.3%	41.5	0.0%	0.4%		0.0%	0.2%		2.2%	2.2%	
Switzerland	Europe	584 252	10 239	36 342	0.2%	6.8%	41.5	0.6%	0.2%		0.3%	0.1%		1.8%	1.8%	
Hungary	Europe	580 642	18 451	184 015	0.9%	6.0%	441.2	1.6%	1.8%		1.0%	1.1%		3.2%	3.2%	
Bangladesh	Asia & Pacific	573 687	8 720	41 108	0.2%	0.4%	25.5	0.5%	0.4%		0.3%	0.3%		1.5%	1.5%	
Serbia	Europe	555 897	4 966	81 058	0.4%	6.4%	375.0	0.9%	0.8%		0.6%	0.7%		0.9%	0.9%	
Jordan	Middle east	544 724	5 985	97 500	0.5%	5.3%	537.0	1.7%	1.5%		1.9%	1.6%		1.1%	1.1%	
Austria	Europe	516 565	9 089	32 249	0.2%	5.7%	2 233.5	0.5%	0.6%		0.2%	0.2%		1.8%	1.8%	
Morocco	Africa	491 834	8 769	3 508	0.0%	1.3%	158.8	0.0%	0.1%		0.0%	0.1%		1.8%	1.8%	
Japan	Asia & Pacific	457 624	8 868	14 462	0.1%	0.4%	66.9	0.2%	0.3%		0.4%	0.3%		1.9%	1.9%	
U.A.E.	Middle east	442 226	1 445	15 844	0.1%	4.5%	3 578.5	0.4%	0.4%		0.5%	0.4%		0.3%	0.3%	
Lebanon	Middle east	441 014	5 808	87 643	0.4%	6.5%	496.1	0.3%	0.5%		0.9%	0.8%		1.3%	1.3%	
Saudi Arabia	Middle east	385 424	6 613	4 012	0.0%	1.1%	421.3	0.1%	0.1%		0.1%	0.1%		1.7%	1.7%	
Slovakia	Europe	349 270	9 104	84 866	0.4%	6.4%	415.5	0.1%	0.3%		0.7%	0.8%		2.6%	2.6%	
Malaysia	Asia & Pacific	334 156	1 238	14 134	0.1%	1.0%	223.0	0.3%	0.4%		0.4%	0.4%		0.4%	0.4%	
Ecuador	LATAM	312 851	16 478	24 526	0.1%	1.8%	62.0	0.1%	0.3%		0.2%	0.1%		5.3%	5.3%	
Belarus	Europe	311 428	2 166	7 094	0.0%	3.3%	551.9	0.3%	0.4%		0.4%	0.4%		0.7%	0.7%	
Georgia	Europe	278 178	3 714	3 796	0.0%	7.0%		0.1%	0.1%		0.3%	0.2%		1.3%	1.3%	
Nepal	Asia & Pacific	276 056	3 019	1 017	0.0%	0.9%	74.3	0.1%	0.0%		0.1%	0.0%		1.1%	1.1%	
Croatia	Europe	257 789	5 786	6 280	0.0%	6.4%	369.4	0.1%	0.3%		0.2%	0.2%		2.2%	2.2%	
Dominican Republic	LATAM	249 776	3 275	40 208	0.2%	2.3%		0.1%	0.2%		0.1%	0.1%		1.3%	1.3%	
Azerbaijan	Asia & Pacific	246 974	3 366	10 521	0.1%	2.5%	282.5	0.3%	0.4%		0.4%	0.4%		1.4%	1.4%	
Tunisia	Africa	245 923	8 569	24 248	0.1%	2.1%	91.9	0.1%	0.2%		0.3%	0.2%		3.5%	3.5%	
Greece	Europe	238 830	7 531	26 739	0.1%	2.3%	587.3	0.7%	0.8%		0.9%	0.8%		3.2%	3.1%	
Ireland	Europe	231 119	4 588	203 167	1.0%	4.7%	772.5	0.2%	0.3%		0.0%	0.1%		2.0%	2.0%	
Denmark	Europe	227 469	2 403	10 777	0.1%	3.9%		0.6%	0.4%		0.1%	0.1%		1.1%	1.1%	
Palestine	Middle east	225 976	2 458	23 553	0.1%	4.5%	269.9	1.0%	0.9%		1.3%	1.1%		1.1%	1.1%	
Kuwait	Middle east	220 455	1 233	14 244	0.1%	5.2%	462.8	0.6%	0.6%		0.6%	0.6%		0.6%	0.6%	
Lithuania	Europe	209 340	3 486	11 509	0.1%	7.7%	840.6	0.2%	0.2%		0.3%	0.3%		1.7%	1.7%	
Slovenia	Europe	206 317	3 976	10 635	0.1%	9.9%	484.3	0.1%	0.3%		0.1%	0.1%		1.9%	1.9%	
Egypt	Middle east	196 061	11 637	34 000	0.2%	0.2%	23.7	0.3%	0.3%		0.3%	0.4%		5.9%	5.9%	
Armenia	Europe	185 020	3 384	12 464	0.1%	6.3%	271.8	0.3%	0.4%		0.4%	0.4%		1.8%	1.8%	
Qatar	Middle east	174 228	274	13 192	0.1%	6.0%	578.7	0.3%	0.3%		0.4%	0.4%		0.2%	0.2%	
Nigeria	Africa	161 668	2 030	11 713	0.1%	0.1%	7.5	0.1%	0.1%		0.0%	0.0%		1.3%	1.3%	
Bosnia	Europe	154 627	5 938	23 246	0.1%	4.7%	228.0	2.2%	0.7%		2.9%	1.0%		3.8%	3.8%	
Oman	Middle east	151 528	1 629	10 457	0.1%	3.0%	99.8	0.5%	0.5%		0.4%	0.2%		1.1%	1.1%	
Bahrain	Middle east	136 741	502	6 997	0.0%	8.0%	2 018.2	0.6%	0.5%		0.4%	0.6%		0.4%	0.4%	
North Macedonia	Asia & Pacific	119 828	3 503	14 351	0.1%	6.0%	296.0	0.4%	0.7%		0.9%	0.8%		2.9%	2.9%	
Algeria	Africa	116 255	3 061	32 307	0.2%	0.3%	5.3	0.1%	0.1%		0.1%	0.1%		2.6%	2.6%	
China	Asia & Pacific	101 560	4 839	11 400	0.1%	0.0%		0.0%	0.0%		0.0%	0.0%		4.8%	4.8%	
South Korea	Asia & Pacific	99 421	1 704	6 638	0.0%	0.2%	128.6	0.3%	0.4%		0.4%	0.2%		1.7%	1.7%	
Estonia	Europe	96 394	797	27 348	0.1%	7.3%	822.2	1.0%	1.3%		1.3%	1.2%		0.8%	0.8%	
Sri Lanka	Asia & Pacific	90 514	551	2 905	0.0%	0.4%	107.7	0.3%	0.4%		0.9%	0.4%		0.6%	0.6%	
Norway	Europe	88 035	649	13 054	0.1%	1.6%	812.7	1.3%	1.0%		0.2%	0.1%		0.7%	0.7%	
Finland	Europe	72 073	808	25 265	0.1%	1.3%	679.5	0.6%	0.8%		0.4%	0.1%		1.1%	1.1%	
Singapore	Asia & Pacific	60 208	30	127	0.0%	1.0%	1 377.0	0.0%	0.0%		0.0%	0.0%		0.0%	0.0%	
Luxembourg	Europe	59 497	719	3 069	0.0%	9.4%		0.9%	0.3%		0.7%	0.2%		1.2%	1.2%	
Afghanistan	Middle east	56 153	2 464	3 946	0.0%	0.1%	4.0	0.1%	0.0%		0.0%	0.0%		4.4%	4.4%	
Cameroon	Africa	40 622	601	4 760	0.0%	0.2%	36.4	0.0%	0.0%		0.0%	0.0%		1.5%	1.5%	
Senegal	Africa	37 920	1 016	2 012	0.0%	0.2%	25.1	0.2%	0.3%		0.3%	0.4%		2.7%	2.7%	
Australia	Asia & Pacific	29 211	909	2 052	0.0%	0.1%	602.7	0.0%	0.0%		0.0%	0.0%		3.1%	3.1%	
Thailand	Asia & Pacific	28 277	92	1 419	0.0%	0.0%	22.6	1.0%	0.3%		1.1%	0.4%		0.3%	0.3%	
Andorra	Europe	11 545	113	418	0.0%	15.0%	2 104.7	0.2%	0.3%		0.2%	0.0%		1.0%	1.0%	
Hong Kong	Asia & Pacific	11 397	203	293	0.0%	0.2%		0.2%	0.1%		0.0%	0.0%		1.8%	1.8%	
Togo	Africa	8 960	104	1 614	0.0%	0.1%	30.8	0.5%	1.0%		0.0%	0.7%		1.2%	1.2%	
Iceland	Europe	6 119	29	55	0.0%	1.8%	1 539.1	0.4%	0.5%		0.0%	0.0%		0.5%	0.5%	
San Marino	Europe	4 388	79	490	0.0%	13.0%	1 475.7	0.7%	0.5%		0.0%	0.0%		0.8%	1.8%	
Vietnam	Asia & Pacific	2 575	35	307	0.0%	0.0%	26.9	0.1%	0.1%		0.0%	0.0%		1.4%	1.4%	
New Zealand	Asia & Pacific	2 462	26	63	0.0%	0.1%	383.8	0.0%	0.2%		0.0%	0.0%		1.1%	1.1%	
Monaco	Europe	2 182	27	135	0.0%	5.7%		0.4%	0.3%		0.0%</					

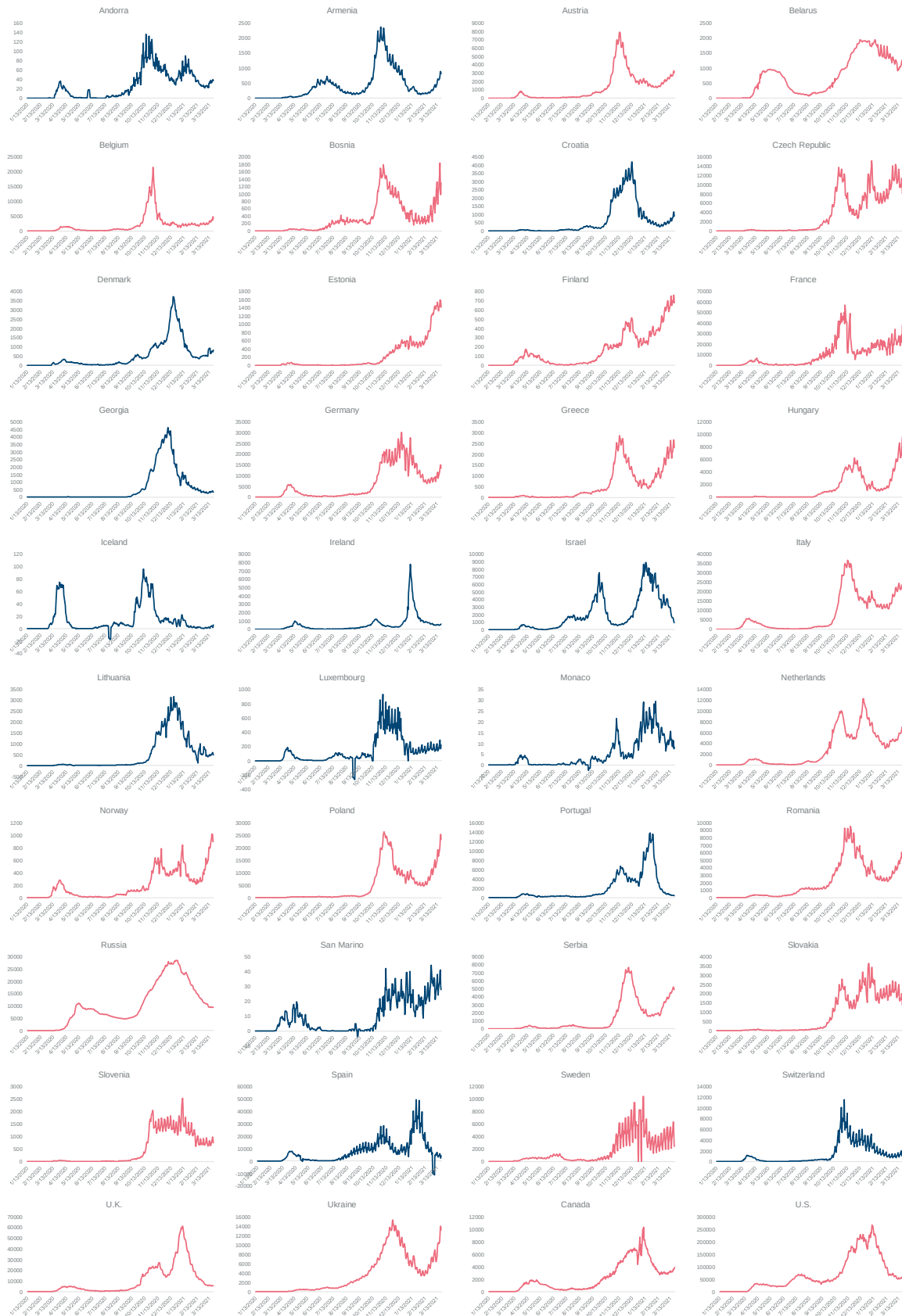


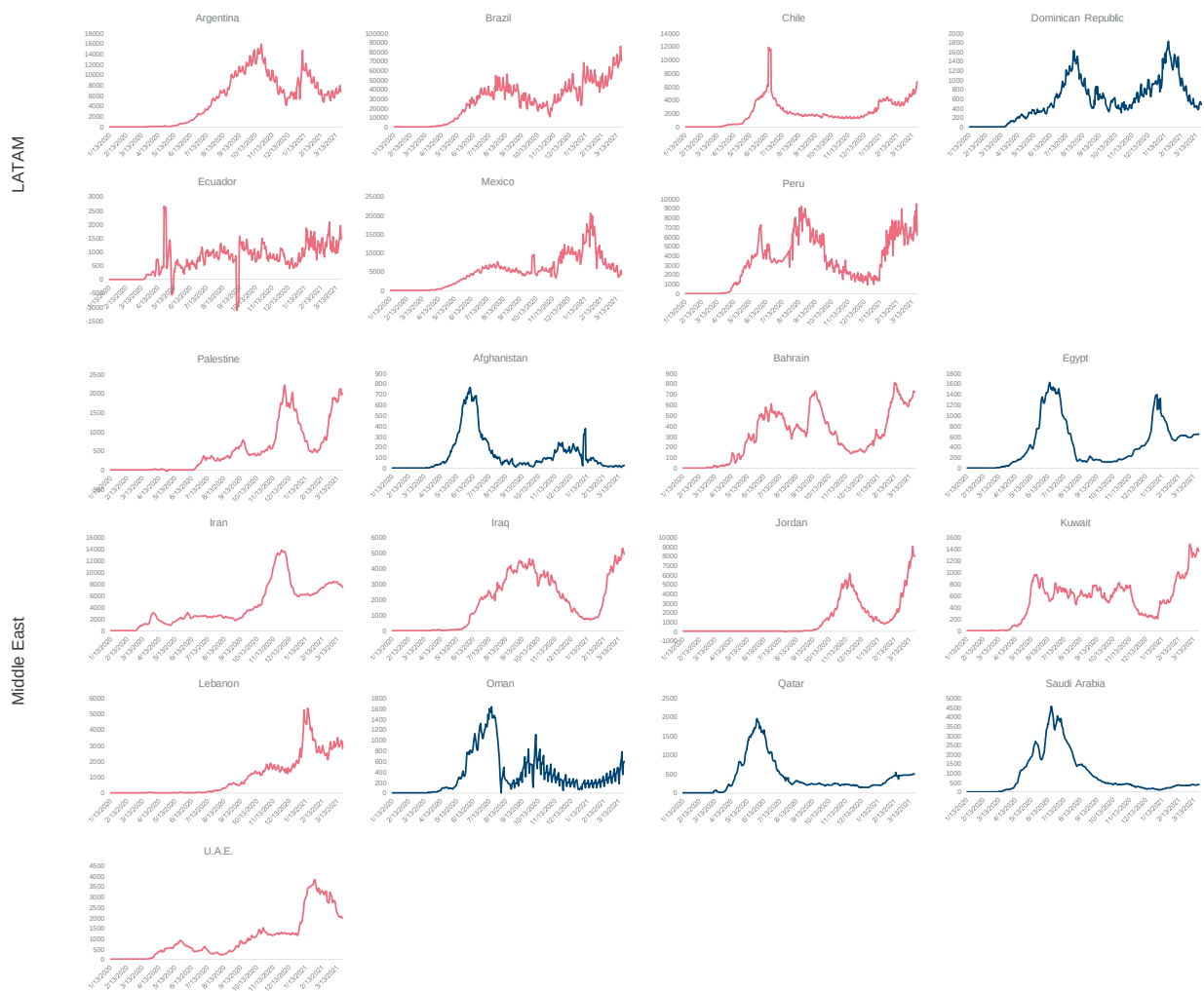
Rolling 5 day average of new cases (grouped per region):



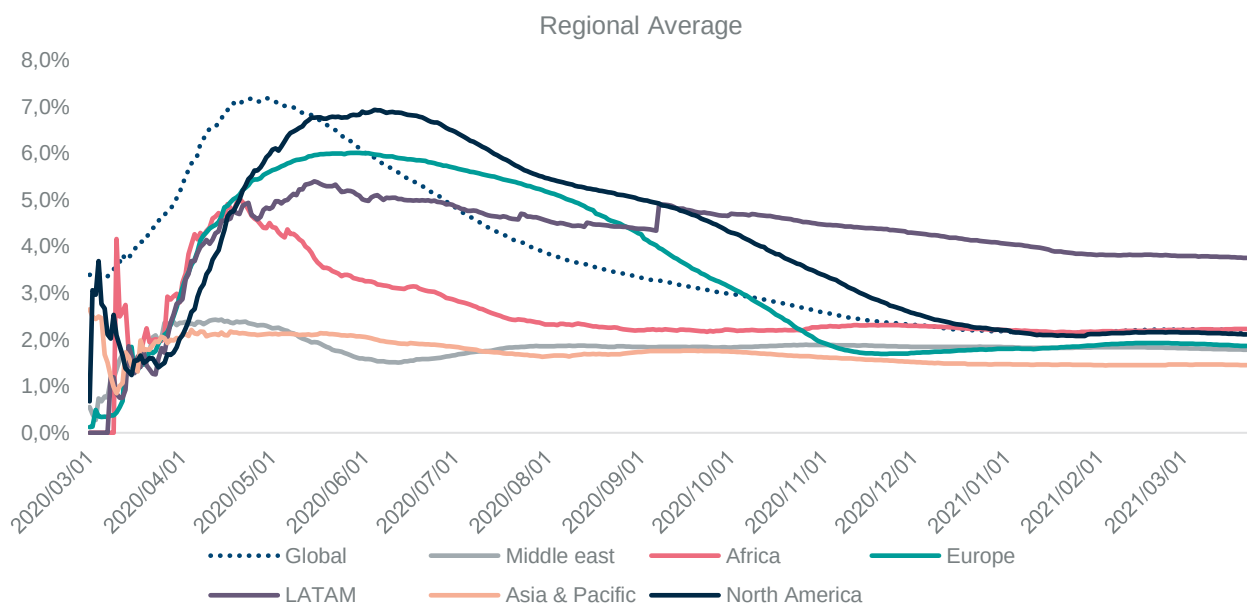


Europe and North America





Death rate:





Vaccine tracker (top 30 countries by number of doses administered):

Country	Doses administered ▼	Enough for % of people	% of population		Daily rate of doses administered
			given 1+ dose	fully vaccinated	
<i>Global Total</i>	<i>458,546,414</i>	<i>–</i>	<i>–</i>	<i>–</i>	<i>11,267,537</i>
U.S.	126,509,736	19.4	24.9	13.5	2,489,697
China	74,950,000	2.7	–	–	1,661,667
EU	58,407,252	6.6	8.9	3.2	1,141,362
India	47,207,134	1.7	2.9	0.6	2,205,068
U.K. +	30,279,360	22.7	41.9	3.4	602,266
Brazil	16,298,118	3.9	5.8	2.0	394,575
Turkey	13,489,271	8.1	9.7	6.5	283,233
Germany	10,868,372	6.5	9.1	0.4	209,895
Russia	10,600,000	3.6	4.3	2.9	300,000
Israel	9,760,837	53.9	57.3	50.6	46,250
France	8,629,076	6.7	9.6	3.7	181,354
Chile	8,550,912	22.4	29.5	15.2	261,678
Indonesia	8,226,632	1.5	2.1	0.9	355,283
Italy	7,894,659	6.5	8.9	4.2	160,695
UAE	7,374,725	34.3	–	–	113,692
Morocco	6,781,503	9.5	12.0	7.1	112,674
Spain	6,321,908	6.8	9.1	4.5	96,716
Mexico	5,612,291	2.2	3.8	0.6	181,766
Poland	5,026,182	6.6	8.5	4.7	70,771
Bangladesh	4,911,902	1.5	2.9	–	60,850
Canada +	4,010,365	5.3	6.4	1.7	129,381
Saudi Arabia	3,318,974	4.9	–	–	133,974
Argentina	3,142,444	3.5	5.6	1.4	105,464
Romania	2,568,108	6.6	9.1	4.1	51,138
Serbia	2,160,564	15.5	19.6	11.4	76,457
Hungary	2,069,001	10.6	16.3	4.9	47,921
Netherlands	1,524,791	4.4	–	–	27,310
Greece	1,469,020	6.8	9.3	4.4	23,356
Belgium	1,420,931	6.2	8.5	3.9	36,422
Portugal	1,351,516	6.6	8.8	4.4	26,186

The data is sourced from Bloomberg, unless stated otherwise.



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