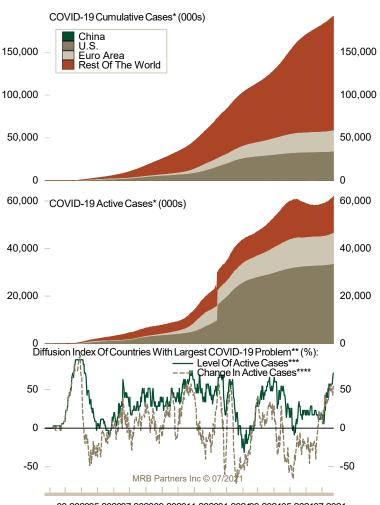


Independent Investment Strategy

COVID-19: Global Charts

July 23, 2021

The Global COVID-19 Curve



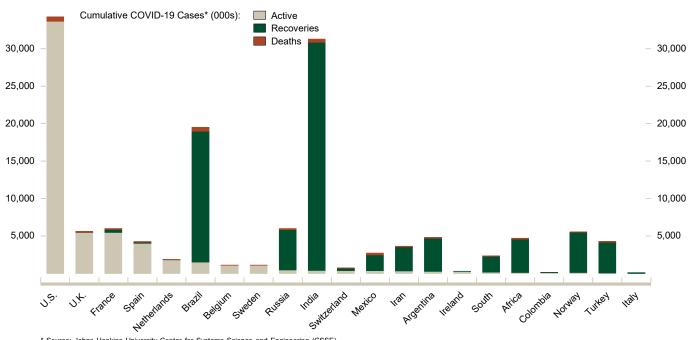
- 03-202005-202007-202009-202011-202001-202103-202105-202107-2021
- Source: Johns Hopkins University Center for Systems Science and Engineering (CSSE) Includes the 34 countries in the table on page 2
- *** % rising minus % falling
- **** % accelerating minus % decelerating

Note: Data as of 7/22/2021

COVID-19 Cases	Cumulative	Deaths	Recoveries	Active	Weekly Change In Cases	Weekly Change In Active Cases
Argentina	4,812,351	103,074	4,447,953	261,324	75,138	-11,626
Australia	32,588	916	23,985	7,687	817	764
Austria	655,197	10,730	640,202	4,265	2,196	1,344
Belgium	1,112,161	25,217	0	1,086,944	8,748	8,740
Brazil	19,523,711	547,016	17,470,332	1,506,363	215,602	-8,698
Canada	1,432,606	26,484	1,401,177	4,945	2,479	-78
Chile	1,604,713	34,792	1,558,669	11,252	8,164	-3,946
China	104,489	4,848	98,906	735	12,221	195
Colombia	4,692,570	117,836	4,449,027	125,707	91,235	-6,338
Czechia	1,671,933	30,347	1,638,500	3,086	1,350	379
Denmark	310,462	2,543	296,111	11,808	5,050	1,868
France	5,996,060	111,749	410,035	5,474,276	89,612	88,036
Germany	3,758,425	91,505	3,642,010	24,910	8,481	3,293
India	31,293,062	419,470	30,468,079	405,513	228,154	-18,512
Iran	3,623,840	88,063	3,204,136	331,641	137,900	34,110
Ireland	289,139	5,026	23,364	260,749	7,185	7,177
Israel	856,986	6,457	840,610	9,919	6,882	3,846
Italy	4,302,393	127,920	4,119,607	54,866	21,179	12,152
Japan	858,521	15,052	806,046	37,423	23,492	10,857
Mexico	2,709,739	237,626	2,120,815	351,298	67,671	19,390
Netherlands	1,855,992	18,075	27,625	1,810,292	52,130	51,991
Norway	135,235	799	17,998	116,438	1,143	1,140
Peru	2,094,445	195,243	2,060,255	-161,053	4,270	-1,536
Portugal	943,244	17,248	873,008	52,988	19,497	3,543
Russia	5,979,027	149,012	5,362,424	467,591	143,504	14,423
South Africa	2,342,330	68,625	2,109,820	163,885	73,151	-29,453
South Korea	185,733	2,066	164,206	19,461	10,687	4,430
Spain	4,249,258	81,194	150,376	4,017,688	149,036	148,938
Sweden	1,096,341	14,651	0	1,081,690	2,054	2,049
Switzerland	711,877	10,895	317,600	383,382	4,520	4,527
Turkey	5,563,903	50,761	5,405,339	107,803	49,530	19,142
U.K.	5,626,745	129,266	17,290	5,480,189	273,504	272,081
U.S.	34,281,864	610,177	0	33,671,687	226,912	225,550
Rest Of World	37,868,315	781,127	32,502,705	4,584,483	1,027,380	158,820
Global	192,575,255	4,135,810	126,668,210	61,771,235	3,050,874	1,018,598
Global Ex-US	158,293,391	3,525,633	126,668,210	28,099,548	2,823,962	793,048
Euro Area	24,846,722	524,297	11,183,475	13,138,950	378,297	343,539
LatAm	39,722,563	1,346,350	35,784,011	2,592,202	564,935	-39,992

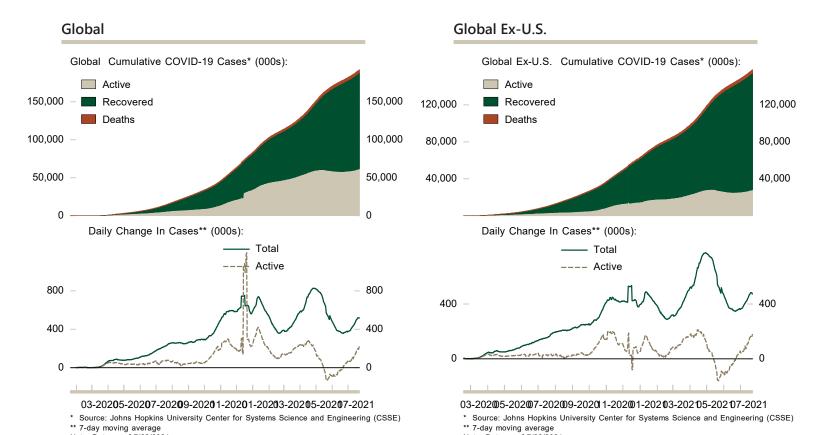
Note: Active Cases = Total number that became infected minus recovered and deaths

Country Comparison Of COVID-19 Cases



* Source: Johns Hopkins University Center for Systems Science and Engineering (CSSE) Note: Data as of 2021/7/23

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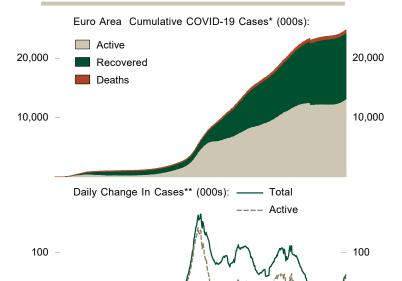


Note: Data as of 7/22/2021

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Note: Data as of 7/22/2021

Euro Area



03-202005-202007-202009-202011-202001-202103-202105-202107-2021

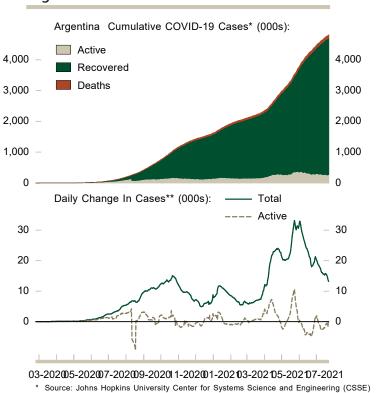
* Source: Johns Hopkins University Center for Systems Science and Engineering (CSSE)
** 7-day moving average
Note: Data as of 7/22/2021

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Argentina

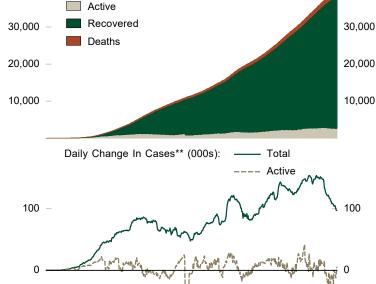
** 7-day moving average

Note: Data as of 7/22/2021



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LatAm



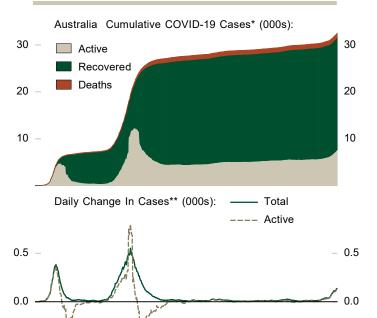
LatAm Cumulative COVID-19 Cases* (000s):

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Source: Johns Hopkins University Center for Systems Science and Engineering (CSSE)
 7-day moving average
 Note: Data as of 7/22/2021

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Australia



$03-202 \\ 05-202 \\ 07-202 \\ 09-202 \\ 01-202 \\ 001-202 \\ 03-202 \\ 105-202 \\ 107-202 \\ 11-202$

* Source: Johns Hopkins University Center for Systems Science and Engineering (CSSE)

** 7-day moving average

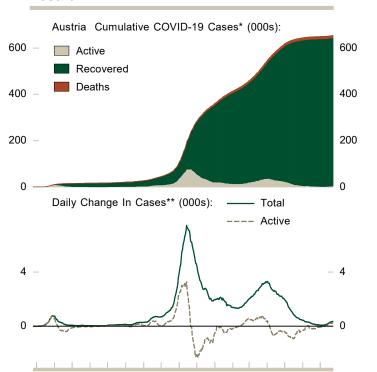
Note: Data as of 7/22/2021

-0.5

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-0.5

Austria



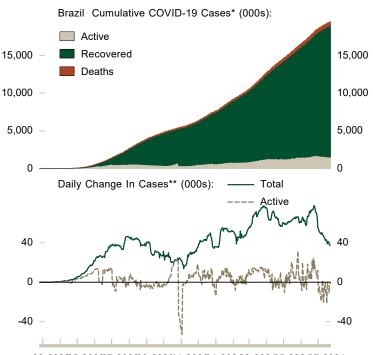
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* Source: Johns Hopkins University Center for Systems Science and Engineering (CSSE) ** 7-day moving average

Note: Data as of 7/22/2021

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Brazil

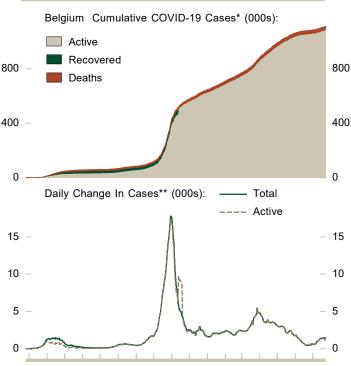


03-202 @ 5-202 @ 7-202 @ 9-202 @ 1-202 @ 1-202 @ 3-202 @ 5-202 @ 7-202 1

* Source: Johns Hopkins University Center for Systems Science and Engineering (CSSE)
** 7-day moving average
Note: Data as of 7/22/2021

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Belgium



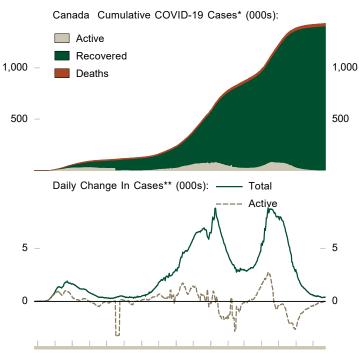
03-202005-202007-202009-202011-202001-202103-202105-202107-2021

* Source: Johns Hopkins University Center for Systems Science and Engineering (CSSE) ** 7-day moving average

Note: Data as of 7/22/2021

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Canada

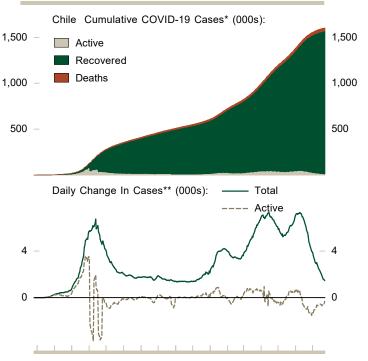


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* Source: Johns Hopkins University Center for Systems Science and Engineering (CSSE)
** 7-day moving average

Note: Data as of 7/22/2021

Chile



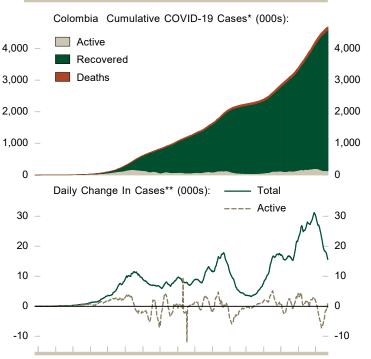
03-20205-20207-20209-202011-202001-20203-202105-202107-2021

Source: Johns Hopkins University Center for Systems Science and Engineering (CSSE)

** 7-day moving average Note: Data as of 7/22/2021

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Colombia



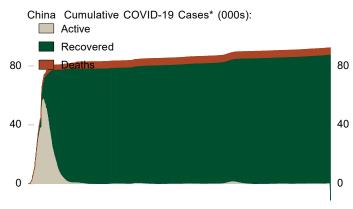
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Source: Johns Hopkins University Center for Systems Science and Engineering (CSSE) ** 7-day moving average

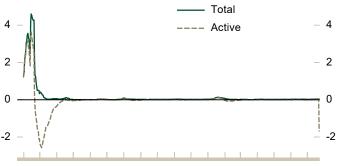
Note: Data as of 7/22/2021

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China



Daily Change In Cases** (000s):



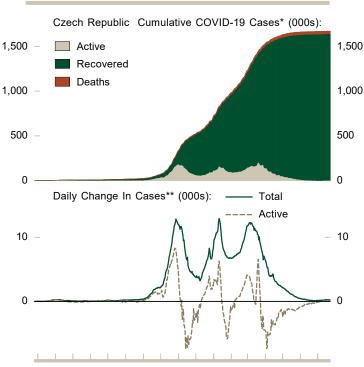
03-20205-20207-20209-20201-20201-20203-20205-20207-2021

Source: Johns Hopkins University Center for Systems Science and Engineering (CSSE)

** 7-day moving average Note: Data as of 7/22/2021

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Czech Republic



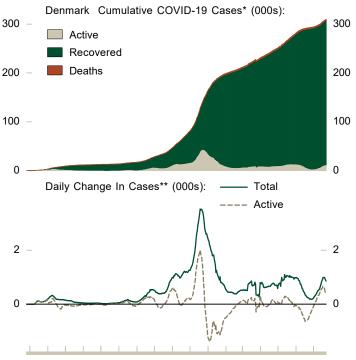
03-202005-202007-202009-202011-202001-20203-202105-202107-2021

Source: Johns Hopkins University Center for Systems Science and Engineering (CSSE)

** 7-day moving average

Note: Data as of 7/22/2021

Denmark



03-202005-202007-202009-202011-202001-20203-202105-202107-2021

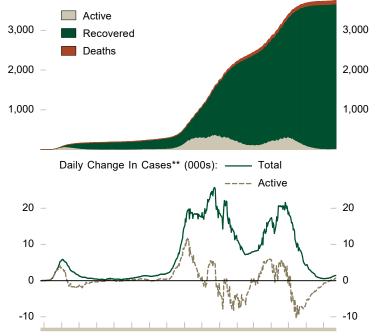
Germany Cumulative COVID-19 Cases* (000s):

Source: Johns Hopkins University Center for Systems Science and Engineering (CSSE)

** 7-day moving average Note: Data as of 7/22/2021

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Germany



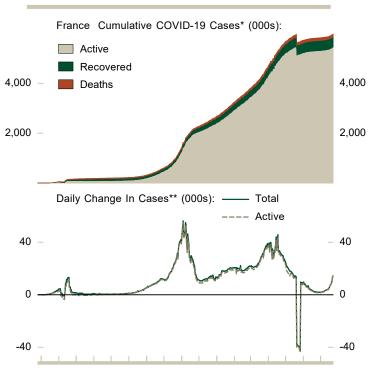
03-202005-202007-202009-202011-202001-20203-202105-202107-2021

* Source: Johns Hopkins University Center for Systems Science and Engineering (CSSE)

** 7-day moving average Note: Data as of 7/22/2021

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France

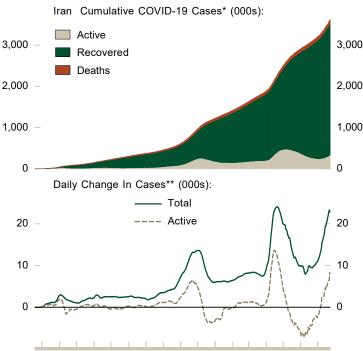


Source: Johns Hopkins University Center for Systems Science and Engineering (CSSE)

** 7-day moving average Note: Data as of 7/22/2021

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Iran

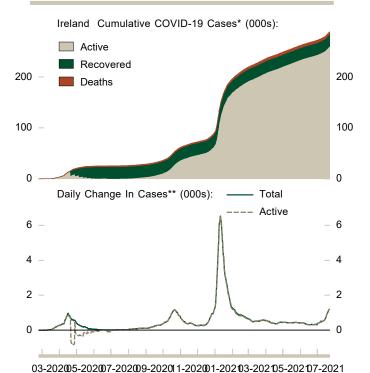


$03-202 \\ 05-202 \\ 07-202 \\ 09-202 \\ 01-202 \\ 001-202 \\ 03-202 \\ 05-202 \\ 07-2021$

Source: Johns Hopkins University Center for Systems Science and Engineering (CSSE)

** 7-day moving average Note: Data as of 7/22/2021

Ireland



* Source: Johns Honkins University Center for Systems Science and Engineering (CSSE)

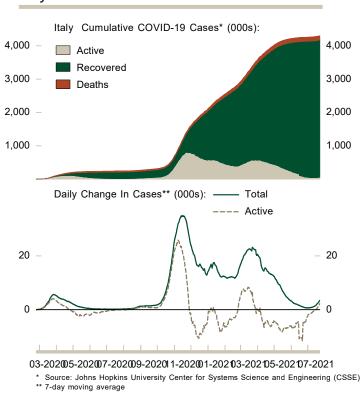
Source: Johns Hopkins University Center for Systems Science and Engineering (CSSE)
 7-day moving average

Note: Data as of 7/22/2021

Note: Data as of 7/22/2021

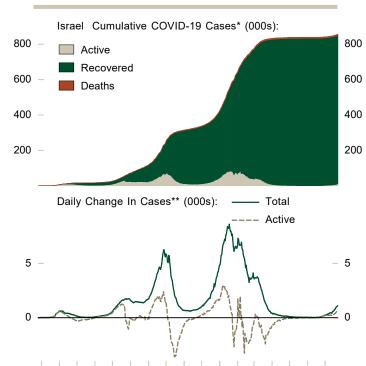
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Italy



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Israel



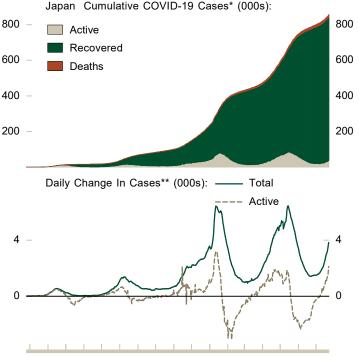
03-202005-202007-202009-202011-202001-202103-202105-202107-2021

* Source: Johns Hopkins University Center for Systems Science and Engineering (CSSE)

** 7-day moving average Note: Data as of 7/22/2021

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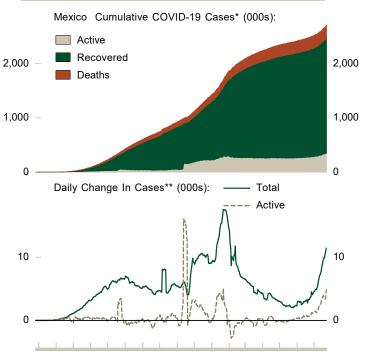
Japan



03-202@5-202@7-202@9-202@1-202@1-202@3-202@5-202@7-2021

- Source: Johns Hopkins University Center for Systems Science and Engineering (CSSE)
- ** 7-day moving average Note: Data as of 7/22/2021

Mexico



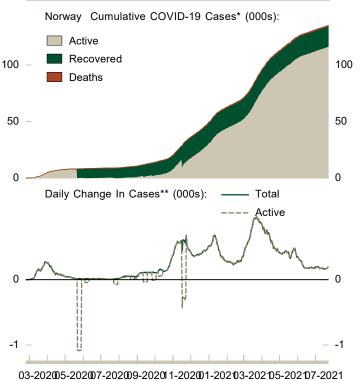
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Source: Johns Hopkins University Center for Systems Science and Engineering (CSSE)
 7-day moving average

Note: Data as of 7/22/2021

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Norway



-202W3-202W1-202W9-2020H-202WH-202W5-202W3-202W1-202H

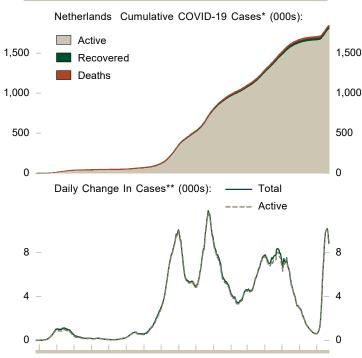
* Source: Johns Hopkins University Center for Systems Science and Engineering (CSSE)

** 7-day moving average

Note: Data as of 7/22/2021

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Netherlands

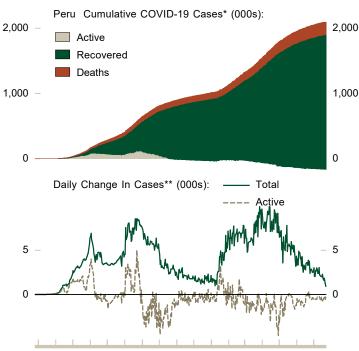


03-202005-202007-202009-202011-202001-20203-202105-202107-2021

- * Source: Johns Hopkins University Center for Systems Science and Engineering (CSSE) ** 7-day moving average
- ** 7-day moving average Note: Data as of 7/22/2021

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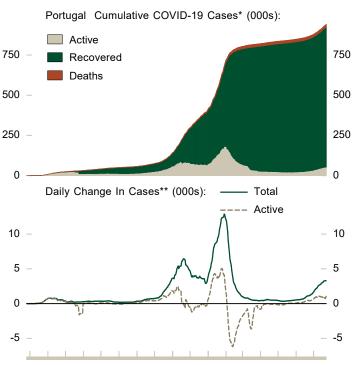
Peru



03-20205-20207-20209-20201-202001-20203-202105-202107-2021

Source: Johns Hopkins University Center for Systems Science and Engineering (CSSE)
 ** 7-day moving average
 Note: Data as of 7/22/2021

Portugal

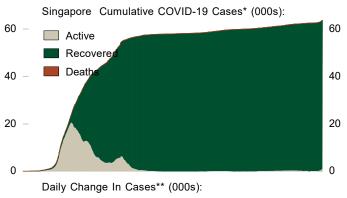


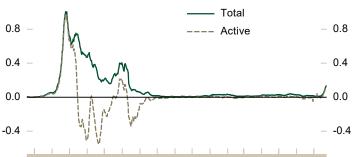
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- * Source: Johns Hopkins University Center for Systems Science and Engineering (CSSE)
- ** 7-day moving average Note: Data as of 7/22/2021

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Singapore



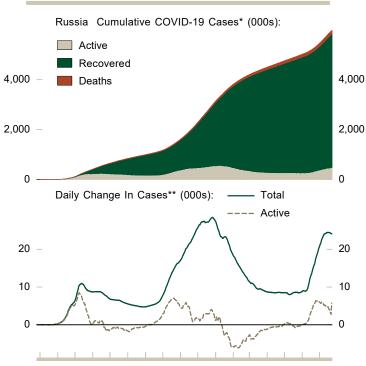


03-202 @ 5-202 @ 7-202 @ 9-202 @ 1-202 @ 1-202 @ 3-202 @ 5-202 @ 7-202 @ 1-202 @ 1-202 & 202 &

- * Source: Johns Hopkins University Center for Systems Science and Engineering (CSSE)
- ** 7-day moving average Note: Data as of 7/22/2021

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Russia



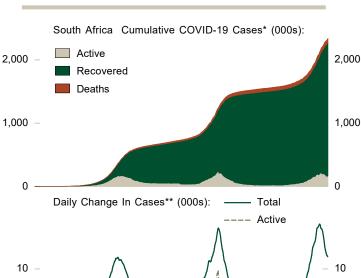
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- * Source: Johns Hopkins University Center for Systems Science and Engineering (CSSE)
- ** 7-day moving average

Note: Data as of 7/22/2021

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South Africa



03-202@5-202@7-202@9-20201-202@1-20203-20205-20207-2021

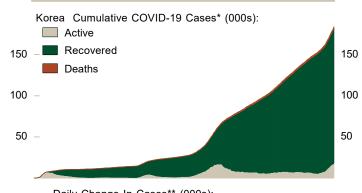
- * Source: Johns Hopkins University Center for Systems Science and Engineering (CSSE)
- ** 7-day moving average

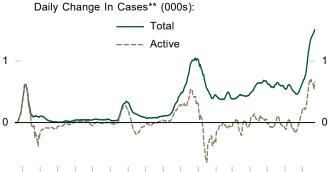
Note: Data as of 7/22/2021

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Λ

South Korea





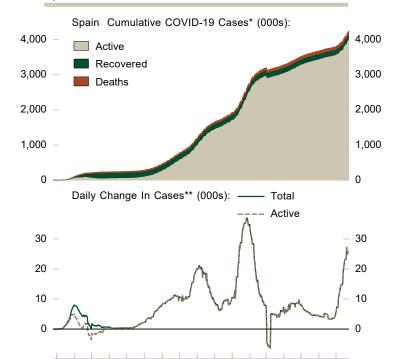
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Source: Johns Hopkins University Center for Systems Science and Engineering (CSSE) ** 7-day moving average

Note: Data as of 7/22/2021

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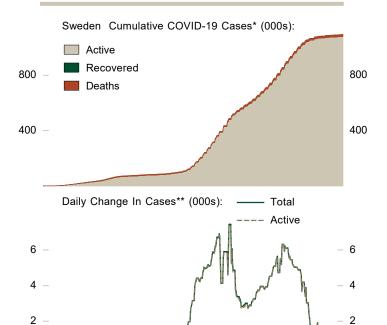
Spain



- * Source: Johns Hopkins University Center for Systems Science and Engineering (CSSE)
- ** 7-day moving average Note: Data as of 7/22/2021

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Sweden



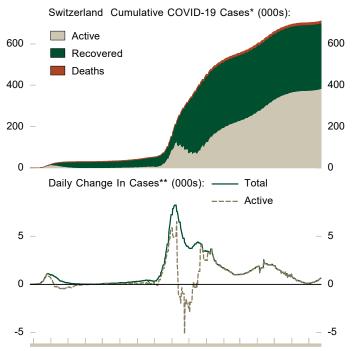
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Source: Johns Hopkins University Center for Systems Science and Engineering (CSSE)

** 7-day moving average Note: Data as of 7/22/2021

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Switzerland

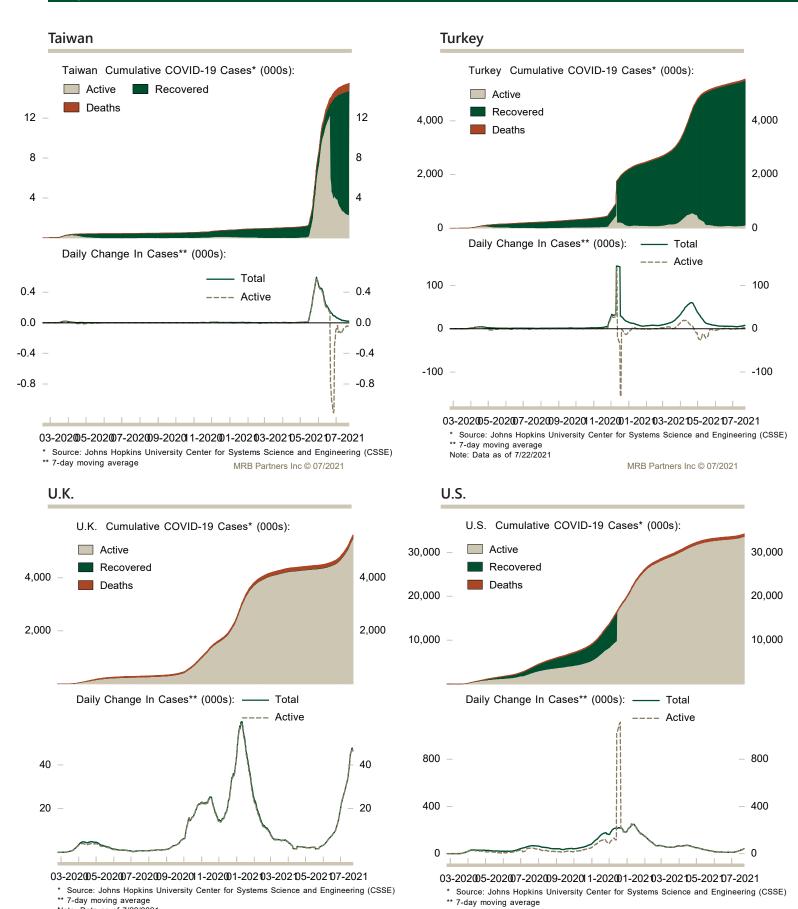


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Source: Johns Hopkins University Center for Systems Science and Engineering (CSSE)

** 7-day moving average

Note: Data as of 7/22/2021



Note: Data as of 7/22/2021

Note: Data as of 7/22/2021



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For more information, please contact: Client Relations clientrelations@mrbpartners.com

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