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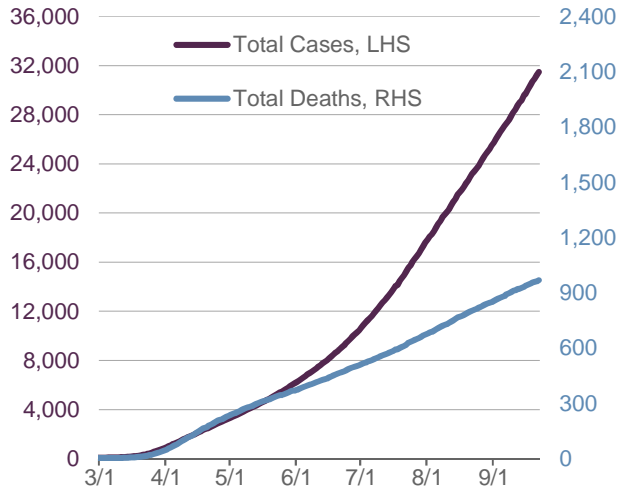
Global COVID-19 Monitor

September 23, 2020

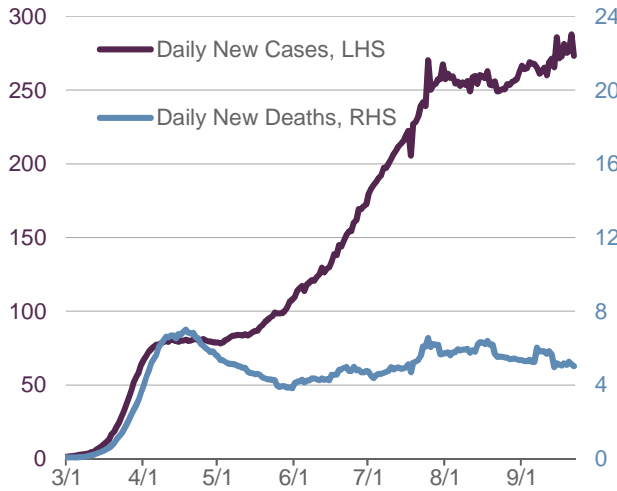
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COVID-19 Globally

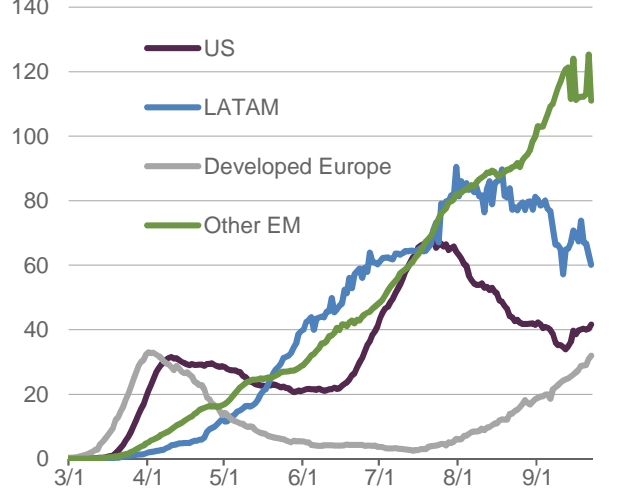
Total Cases and Deaths (Thousands)



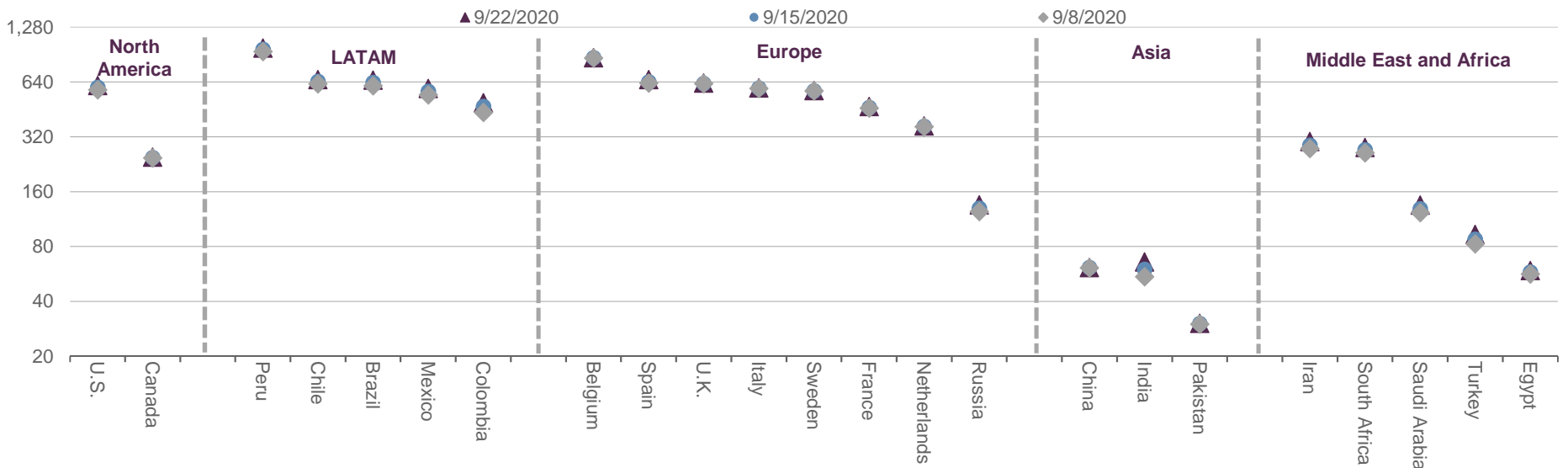
Daily Cases & Deaths (7-Day Avg., Thousands)



Daily New Cases (7-Day Avg., Thousands)



COVID-19 Deaths Per Million Population by Country and Region (Log Scale)



Source: Guggenheim Investments, Bloomberg. Data as of 09/22/2020.

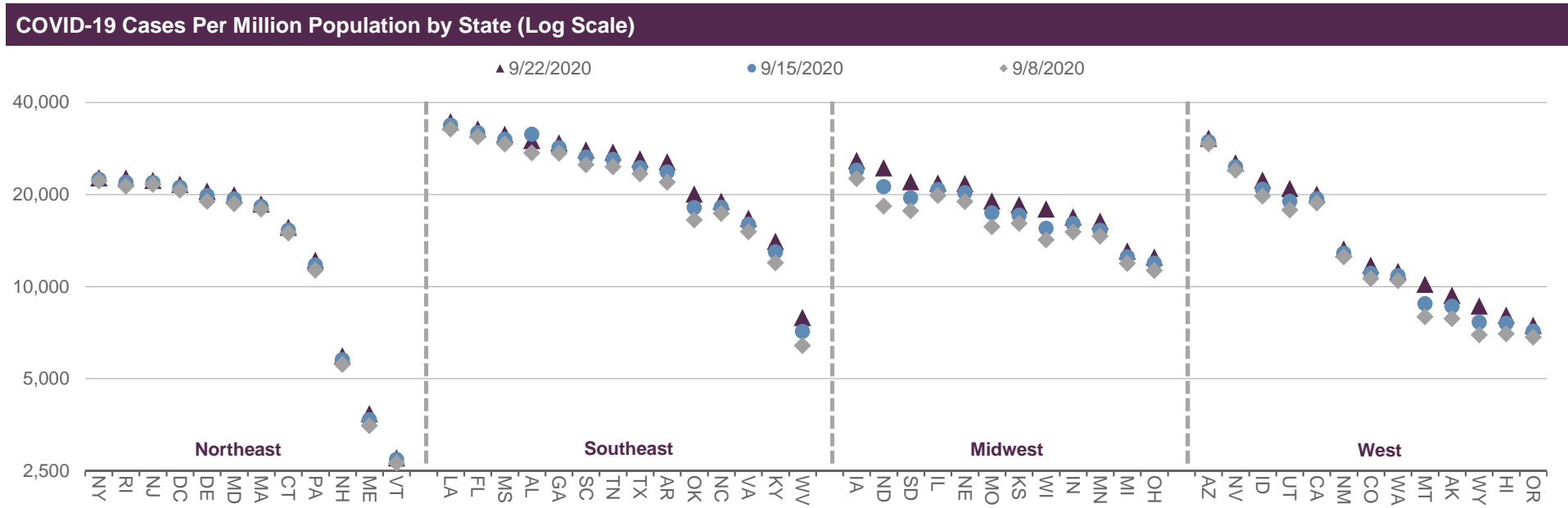
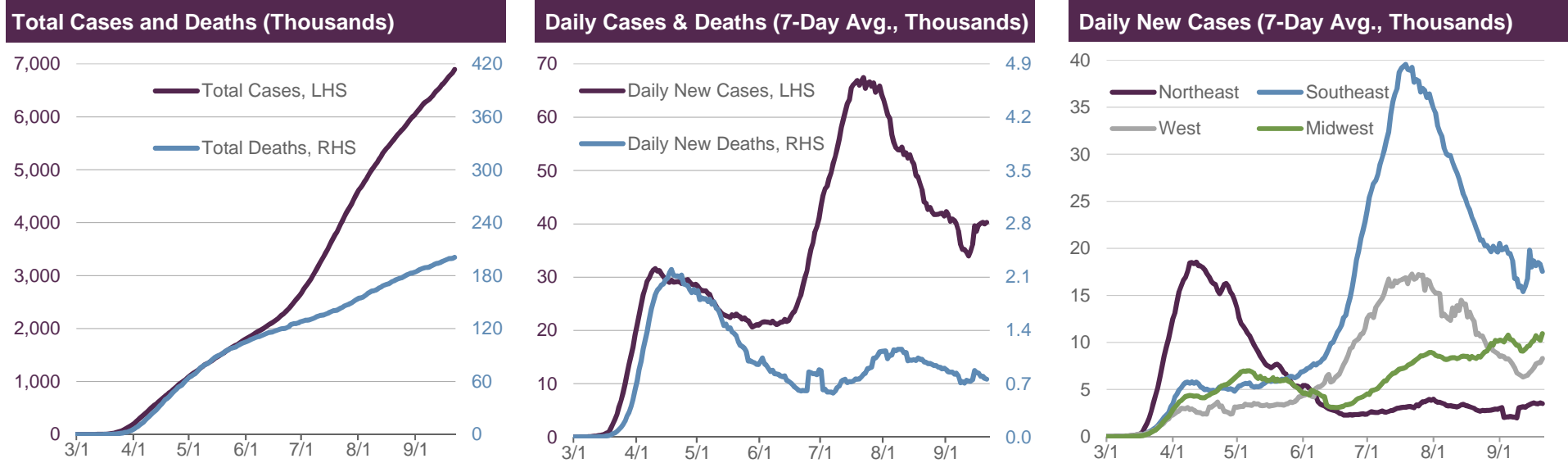
Key COVID-19 Statistics

Reported COVID-19 Cases: Mortality Rates and Other Statistics

Country	Total Cases	New Cases	Total Deaths	New Deaths	Cases Per 1M Pop.	Share of Total Cases		Share of Closed Cases		Tests Per 1M Pop.	Positive Rate (=Cases/Tests)
						Active (%)	Closed (%)	Recovered (%)	Deceased (%)		
USA	7,097,937	35,696	205,470	968	21,415	36%	64%	95%	5%	300,748	7%
India	5,640,496	80,391	90,021	1,056	4,078	17%	83%	98%	2%	47,232	9%
Brazil	4,595,335	35,252	138,159	809	21,584	11%	89%	97%	3%	70,506	31%
Russia	1,115,810	6,215	19,649	160	7,645	16%	84%	98%	2%	296,679	3%
Colombia	777,537	7,102	24,570	173	15,244	13%	87%	96%	4%	67,849	22%
Peru	776,546	3,650	31,586	112	23,478	15%	85%	95%	5%	112,618	21%
Mexico	700,580	2,917	73,697	204	5,421	18%	82%	87%	13%	12,302	44%
Spain	682,267	10,799	30,904	241	14,591	N/A	N/A	N/A	N/A	252,797	6%
South Africa	663,282	1,346	16,118	126	11,152	8%	92%	97%	3%	68,330	16%
Argentina	652,174	12,027	13,952	470	14,400	19%	81%	97%	3%	39,541	36%
France	468,069	10,008	31,416	78	7,167	73%	27%	75%	25%	153,123	5%
Chile	448,523	1,055	12,321	23	23,417	3%	97%	97%	3%	160,207	15%
Iran	429,193	3,712	24,656	178	5,095	10%	90%	94%	6%	45,119	11%
UK	403,551	4,926	41,825	37	5,937	N/A	N/A	N/A	N/A	329,422	2%
Bangladesh	352,178	1,557	5,007	28	2,134	25%	75%	98%	2%	11,199	19%
Saudi Arabia	330,798	552	4,542	30	9,469	4%	96%	99%	1%	175,808	5%
Iraq	327,580	4724	8,682	57	8,104	17%	83%	97%	3%	51,914	16%
Pakistan	306,886	582	6,424	4	1,383	2%	98%	98%	2%	14,562	9%
Turkey	306,302	1,692	7,639	65	3,623	9%	91%	97%	3%	112322	3%
Italy	300,897	1,392	35,738	14	4,978	15%	85%	86%	14%	174,980	3%
Philippines	291,758	1604	5,047	48	2,655	19%	81%	98%	2%	31193	9%
Germany	277,176	1,625	9,491	10	3,306	7%	93%	96%	4%	173,618	2%
Indonesia	252,923	4,071	9,837	160	922	23%	77%	95%	5%	10920	8%
Israel	193,374	2,445	1,285	12	21,024	27%	73%	99%	1%	341,513	6%
Ukraine	181,237	2,884	3,642	59	4,150	54%	46%	96%	4%	47,616	9%
Total	31,770,038	276,575	974,755	5,713	N/A	24%	76%	96.0%	4.0%	N/A	N/A

Source: Guggenheim Investments, Worldometers.info. Data as of 09/22/2020.

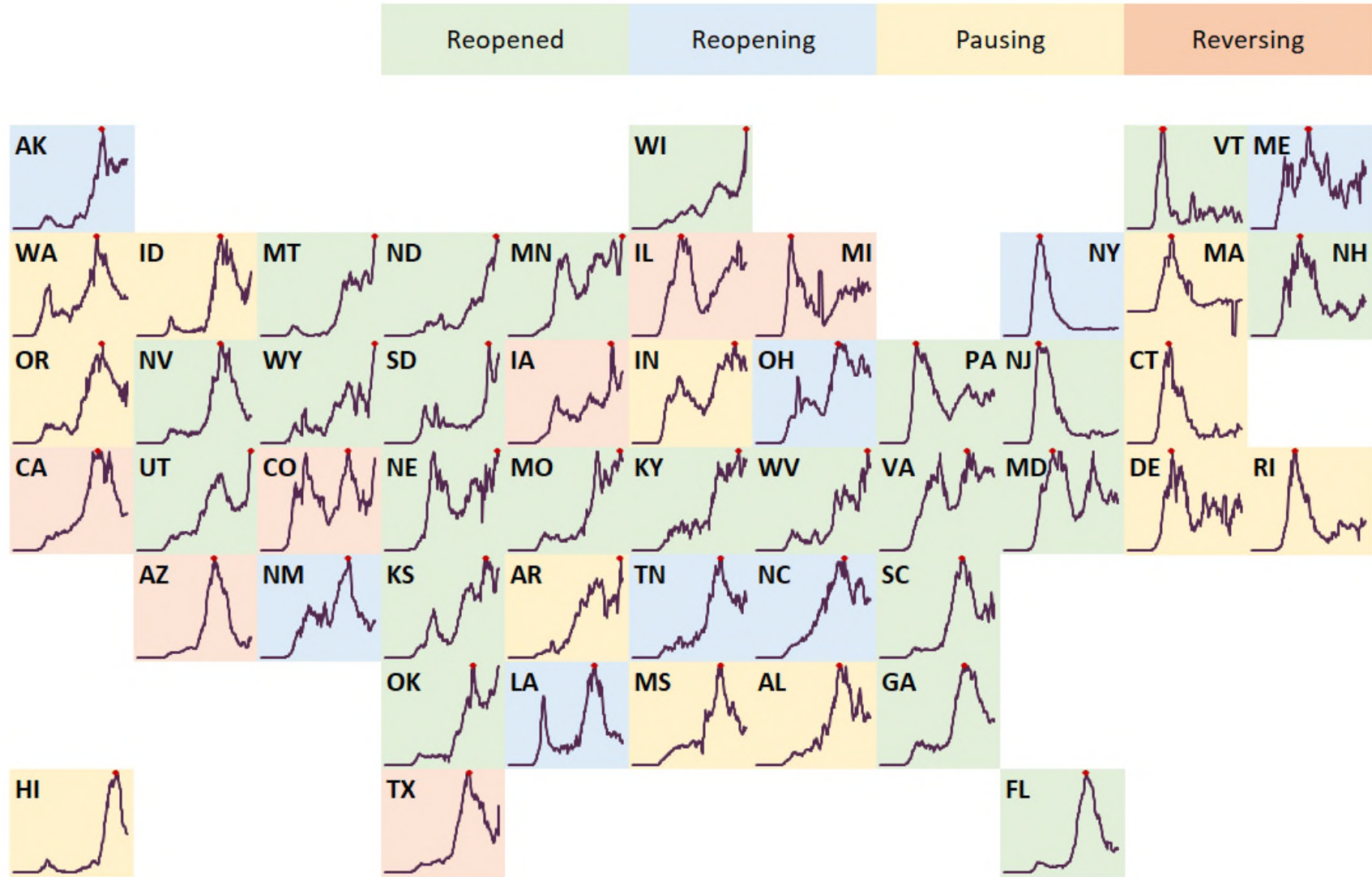
COVID-19 in the U.S.



Source: Guggenheim Investments, Bloomberg. Data as of 09/22/2020.

U.S. Map of Daily New Cases

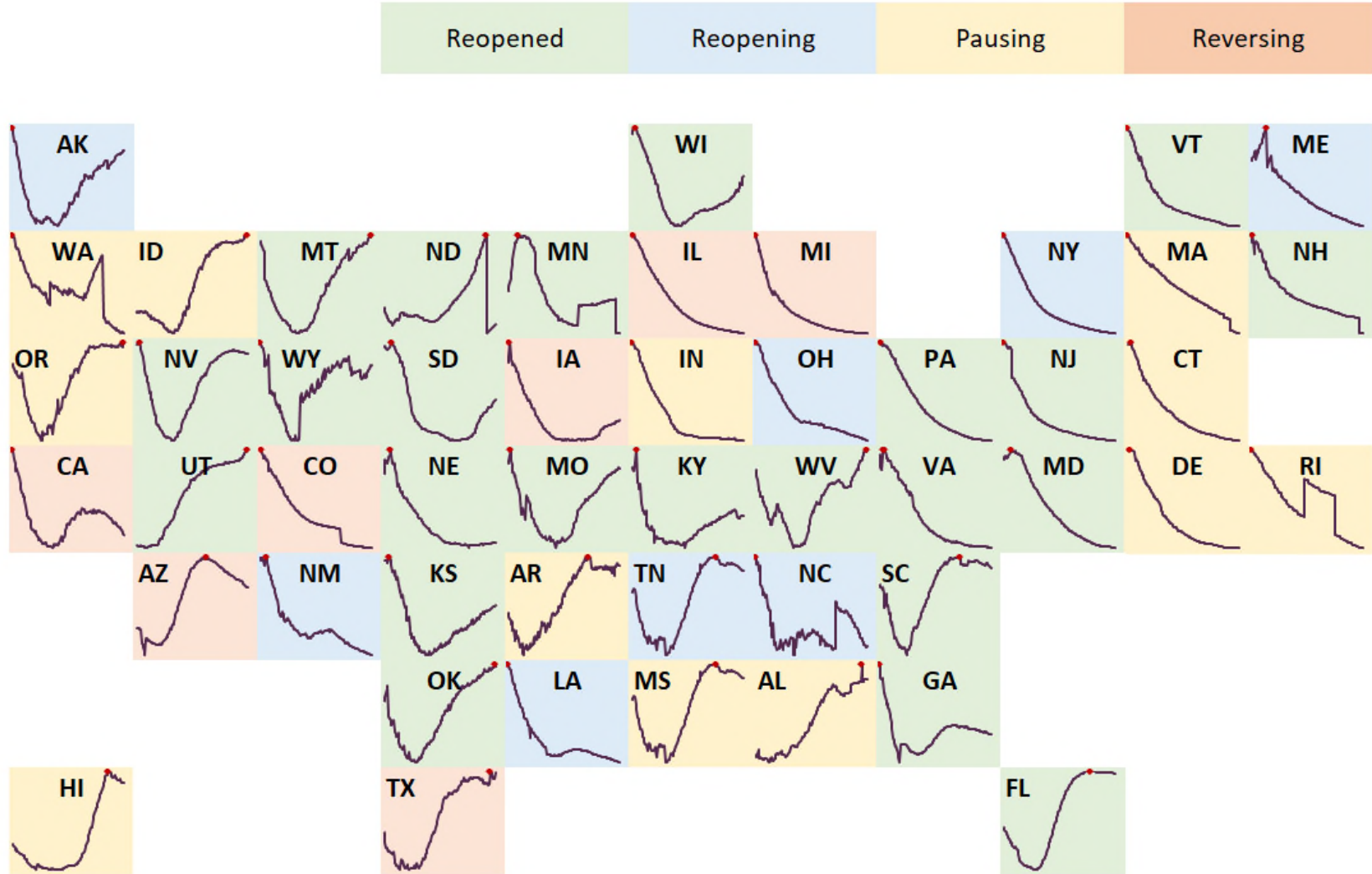
Daily New Cases by State (7-Day Moving Average)



Source: Guggenheim Investments, Bloomberg. Data as of 09/22/2020. Start date: 01/23/2020.

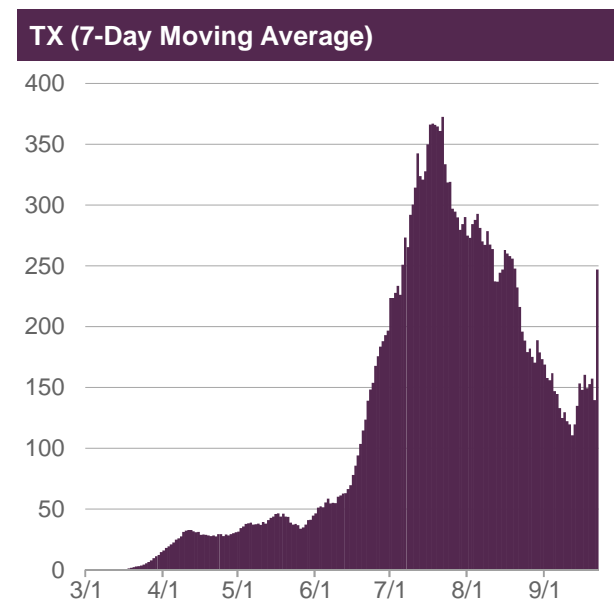
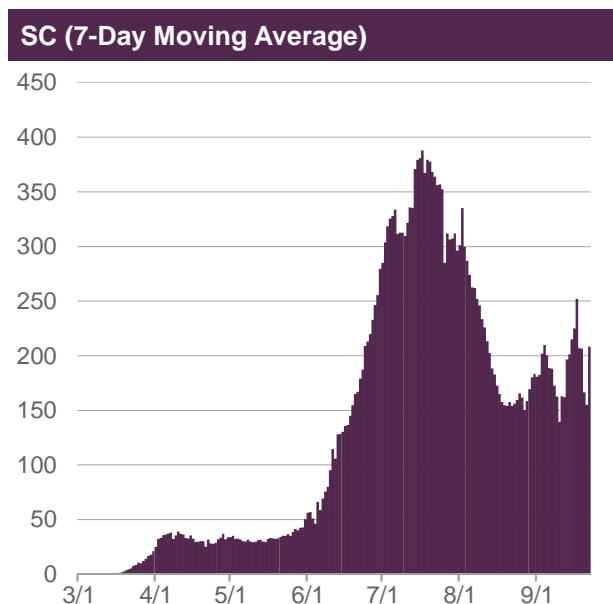
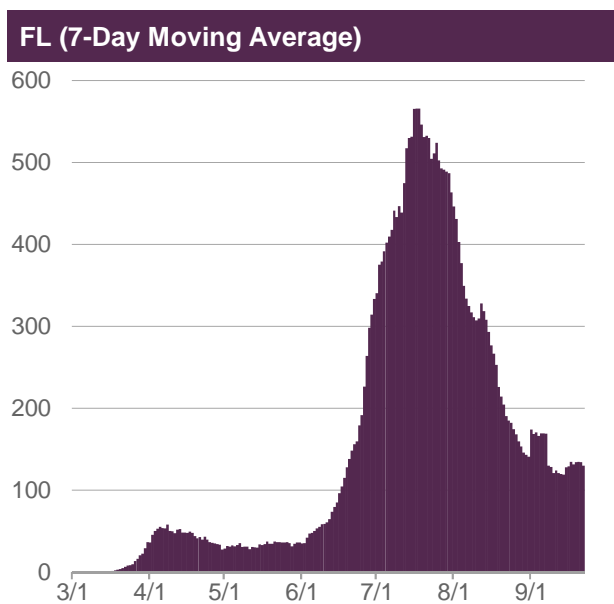
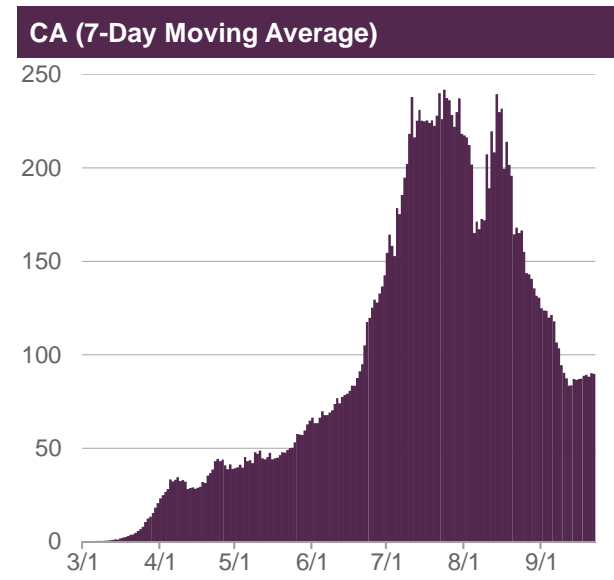
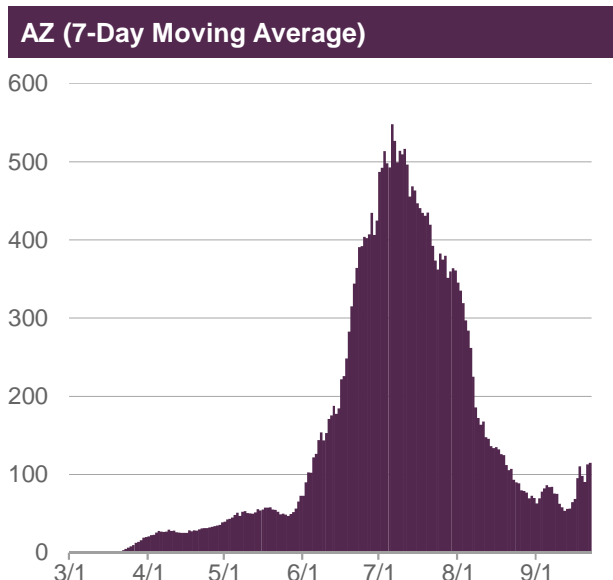
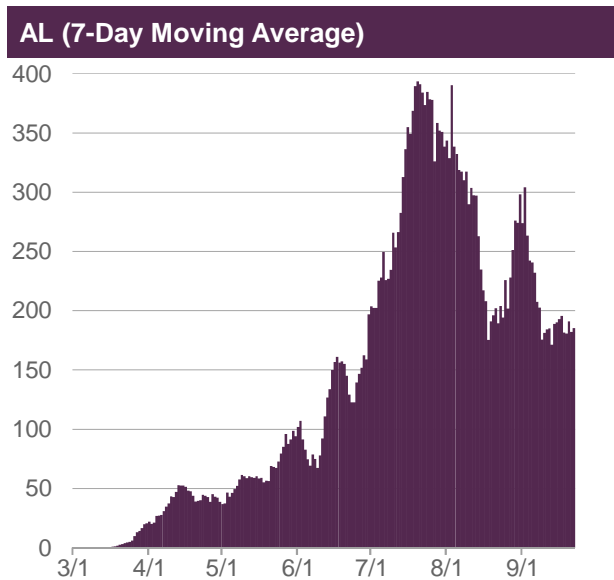
U.S. Map of Positive Rate

Positive Rates by State (Positive Rate = Total Cases/Total Tests)



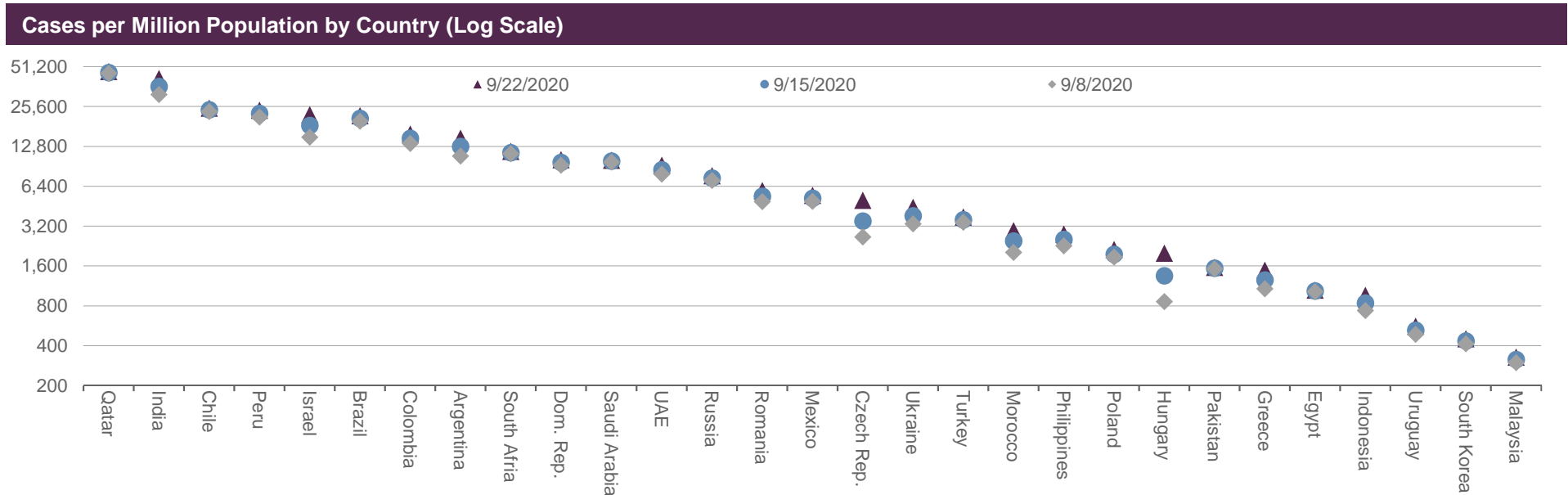
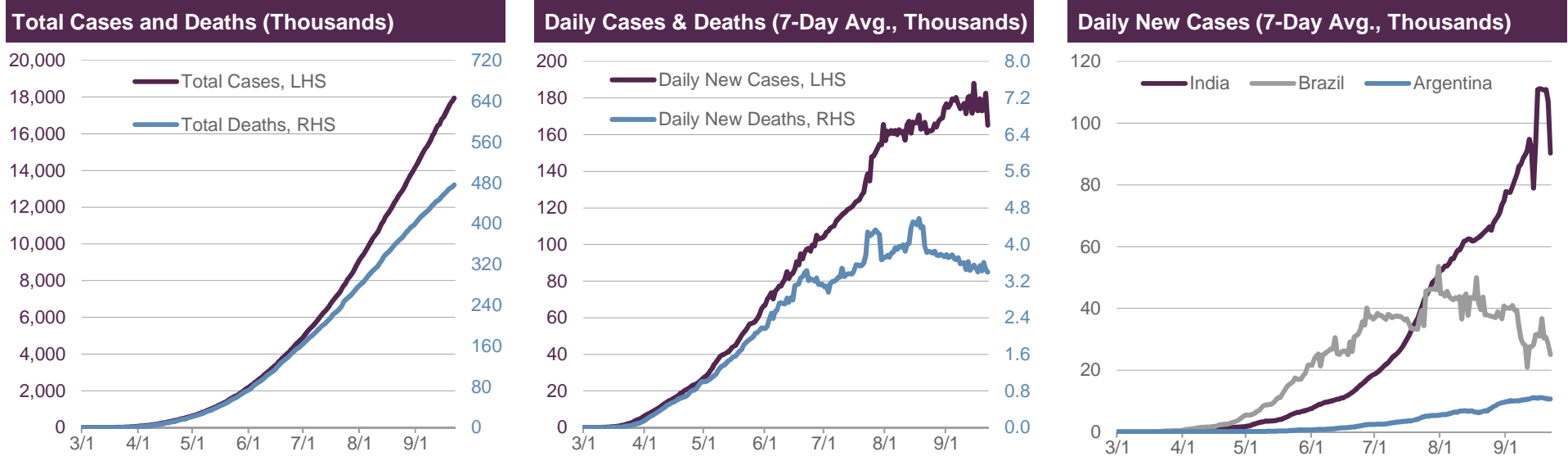
Source: Guggenheim Investments, Bloomberg. Data as of 09/22/2020. Start date: 04/30/2020.

Daily New Cases per Million Population in Major Epicenters: The U.S.



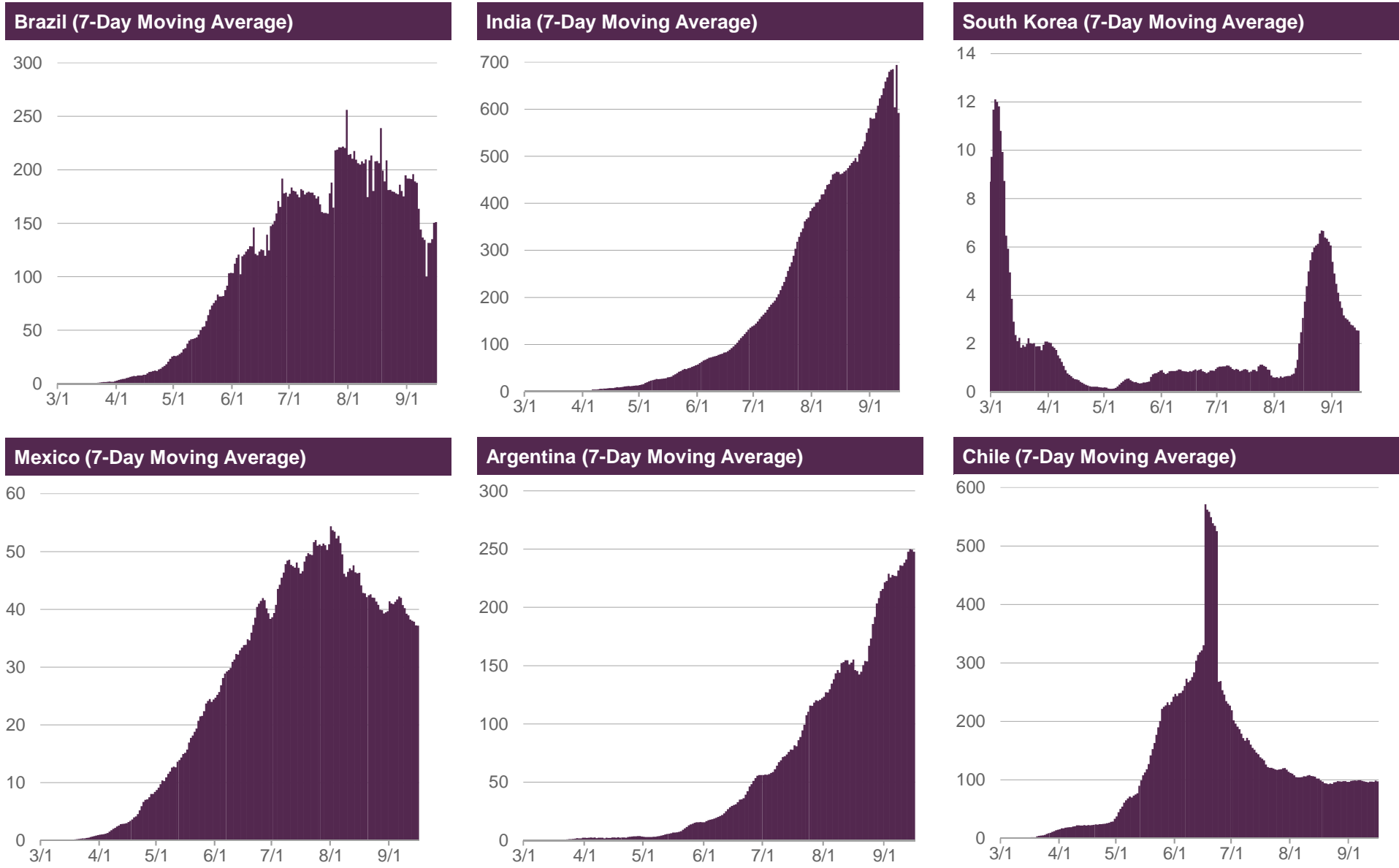
Source: Guggenheim Investments, Bloomberg. Data as of 09/22/2020.

COVID-19 Cases in Emerging Markets



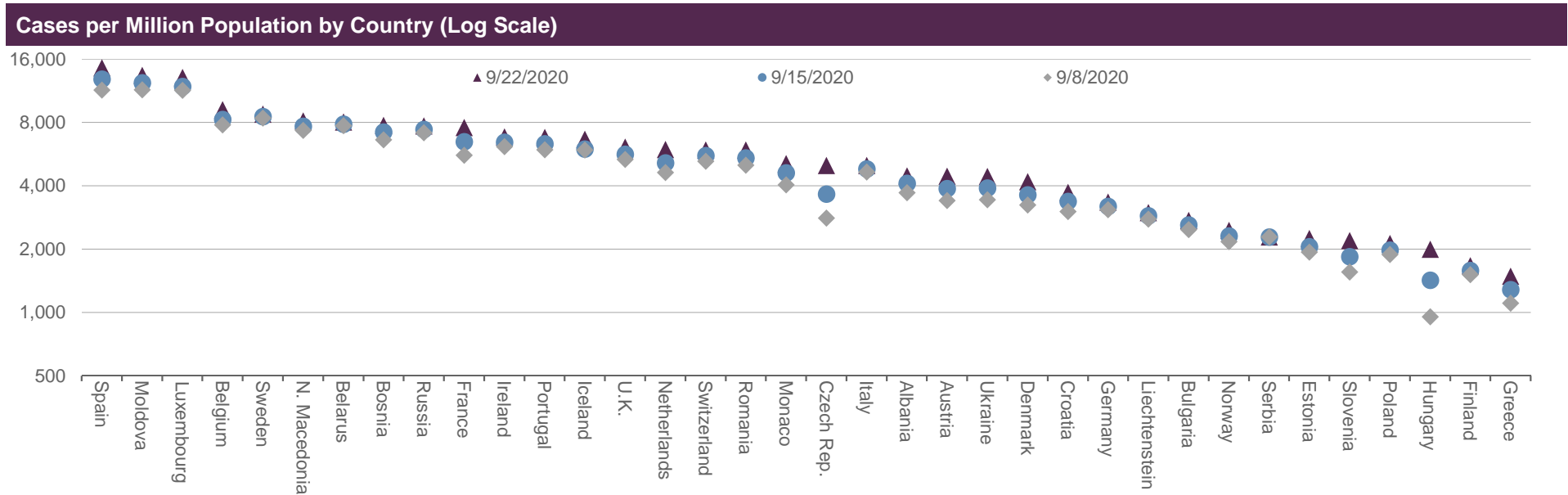
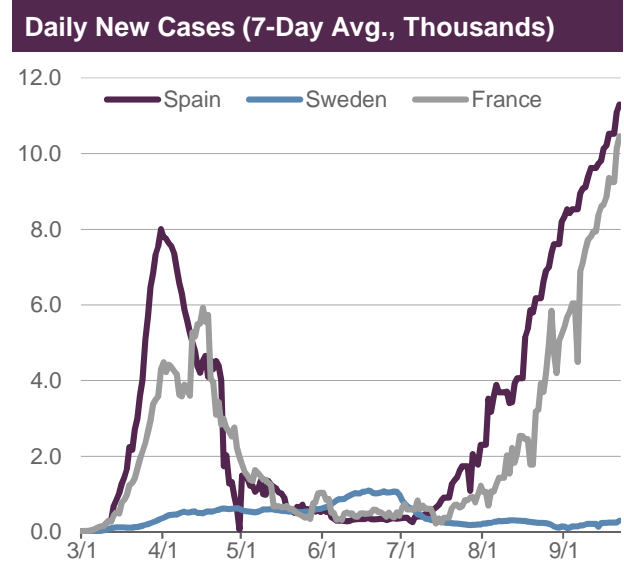
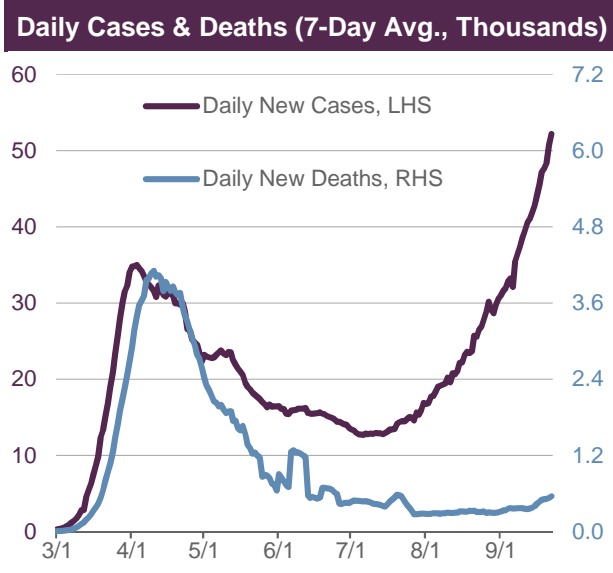
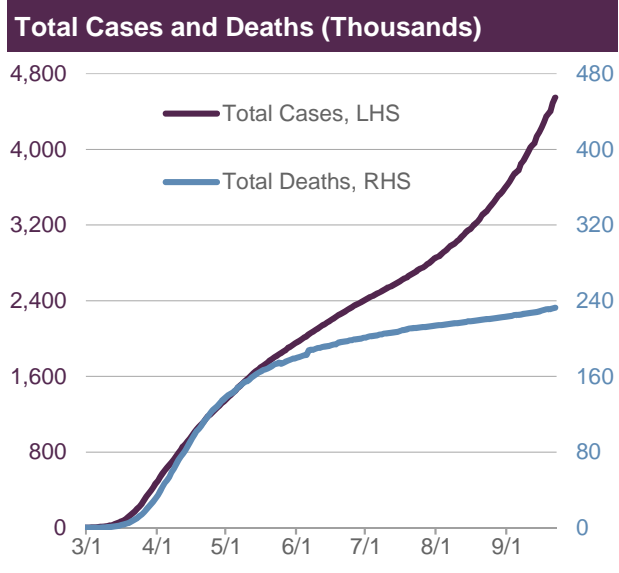
Source: Guggenheim Investments, Bloomberg. Data as of 09/22/2020. EM aggregate excludes China and Korea.

Daily New Cases per Million Population in Major Epicenters: EM



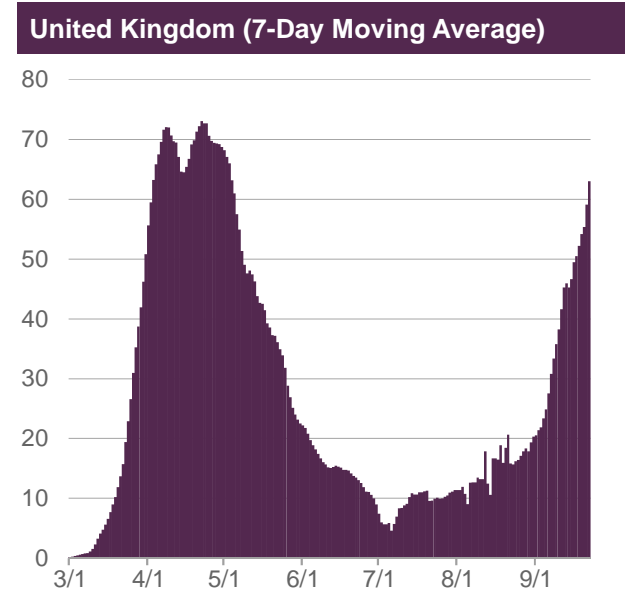
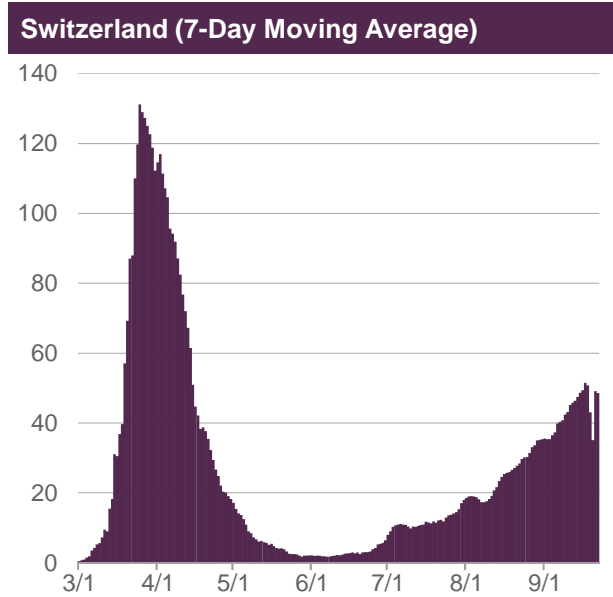
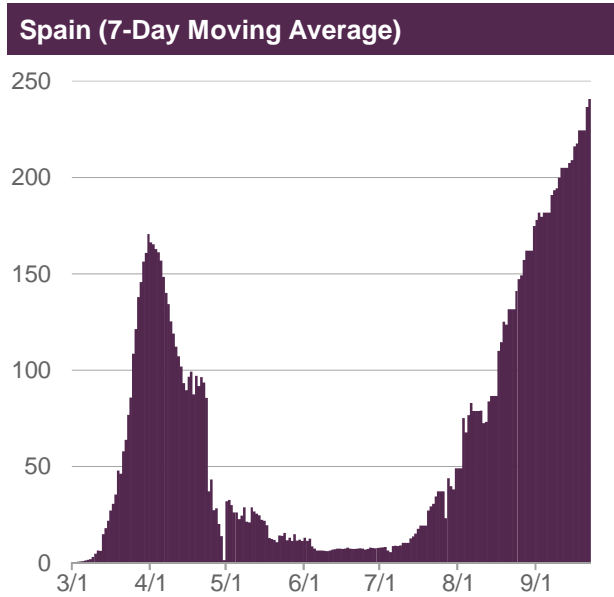
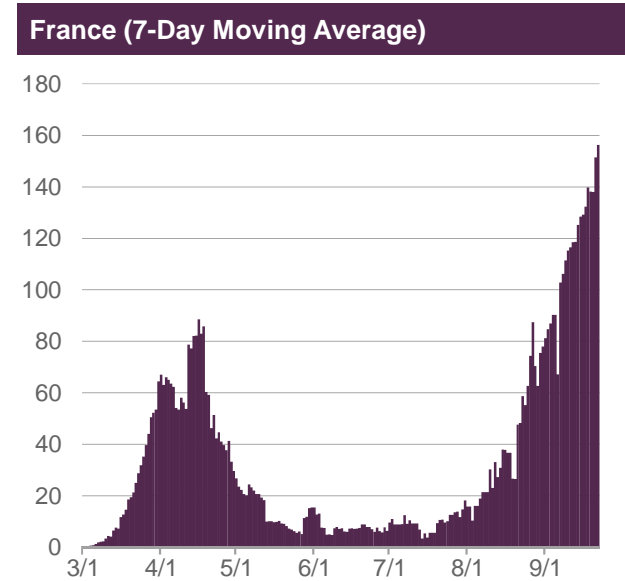
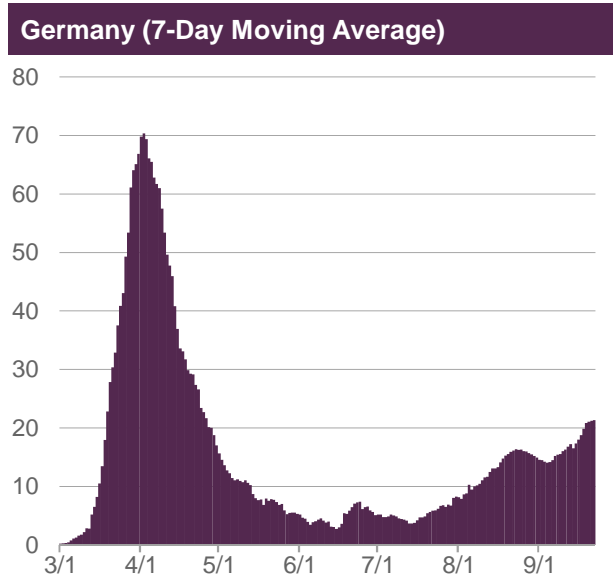
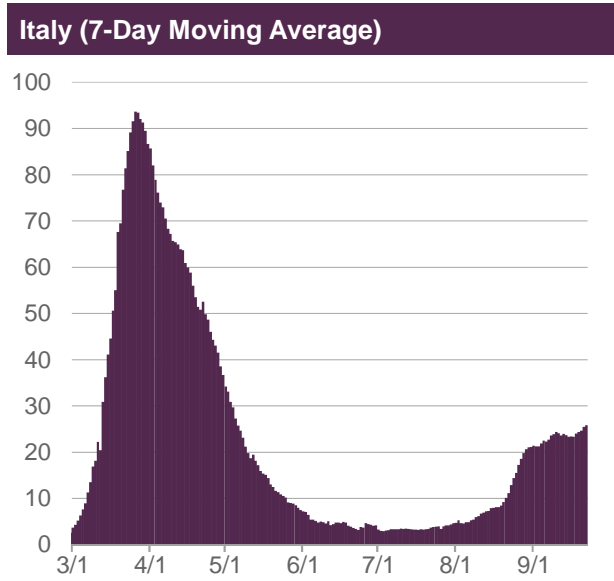
Source: Guggenheim Investments, Bloomberg. Data as of 09/22/2020.

COVID-19 Cases in Europe



Source: Guggenheim Investments, Bloomberg. Data as of 09/22/2020. Europe aggregate includes the United Kingdom.

Daily New Cases per Million Population in Major Epicenters: Europe



Source: Guggenheim Investments, Bloomberg. Data as of 09/22/2020.

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