

Measure	Desired Change	Yesterday in the U.S.
No. of Tests	Increase	Up 12.3% (Cumulative)
Positive Test Rate	Decline	Down to 18.7% (from 19.1%)
No. of Cases	Plateau	Up 12.7%, rate continue to slow
% of Deaths Per Case	Decline	Steady at 2.7%
No. of Deaths / 1M Pop.	Plateau	Up to 25.5 (from 22.3)
Recoveries : Deaths	Increase (>1:1)	Up to 1.75 (from 1.66)

- We have added Austria, Belgium, Portugal, Switzerland and Turkey to our database, along with New York City. With these, we are tracking the 15 countries with the most confirmed cases, plus South Korea (Brazil passed South Korea for 16th place in cases yesterday, after we expanded the database).
- In now appears that last week brought evidence of the onset of the containment phase for several countries and perhaps a few U.S. states. Further, Switzerland may have joined South Korea and China in the recovery phase, as their active cases peaked on March 31. New York state may have entered the containment phase as early as March 29.
- Testing continued to ramp in the U.S., with another 160,000 tests performed. With a positive test rate of 16.3% on these new tests, the cumulative positive test rate declined to 18.7% from 19.1%. The pace of case increases continues to decline, as expected for an exponentially-spreading virus.
- Although the U.S. death toll was tragically over 1,000 again on Saturday, recoveries outnumbered deaths by 2.5x. This was the 4th time in 5 days that deaths exceeded 1,000. The death rate has yet to show indication of receding off its exponential growth trend. Still, the U.S. death rate is significantly lower than that for many of the countries we are tracking.
- The rate of daily case increases continues to decline for most U.S. states, and the US. in total. Cases are doubling in the U.S. now about every 5-6 days. In Washington and Arkansas, it takes more than 9 days for cases to double; Minnesota and Alaska, more the 8 days; and, in Maine, Missouri, Oregon and Wisconsin, about 7 days. Louisiana continues to have the highest rate of daily case increase in the U.S. Cases in that state double about every 3 days.
- Arkansas, Maine, Minnesota, New Mexico and Tennessee are reported fewer Active Cases on Saturday than Friday (the second consecutive day-over-day decline for Tennessee). Its too early to declare that these states are now in the recovery phase, but, it bears watching for the next several days.

The graphic illustrates in color when the country first recorded 100 total cases ("contagion" phase); when growth stopped following an exponential pattern ("containment" phase); and, when peak total cases were recorded ("recovery" phase). It uses symbols to indicate when average daily case growth rates fell (and were sustained) below certain benchmarks.

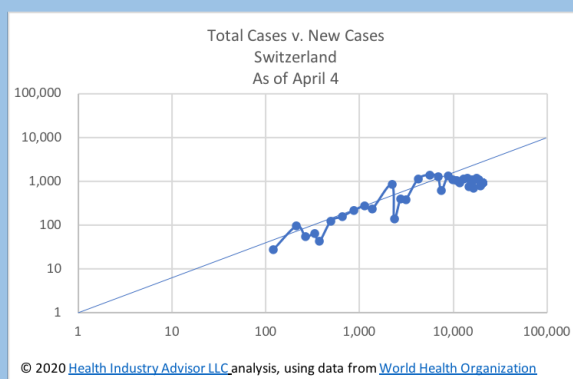
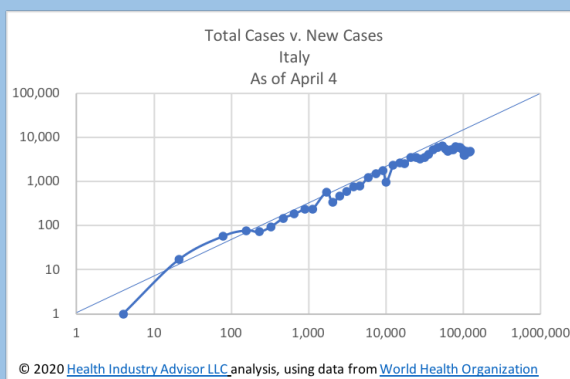
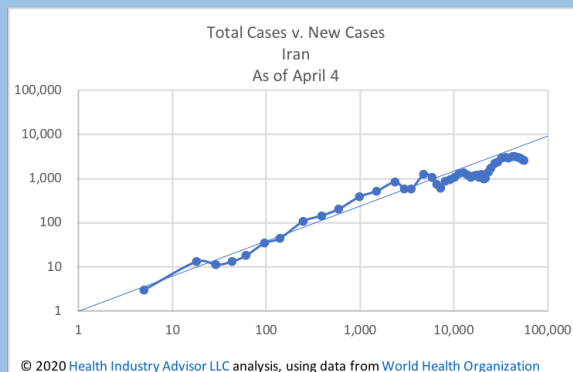
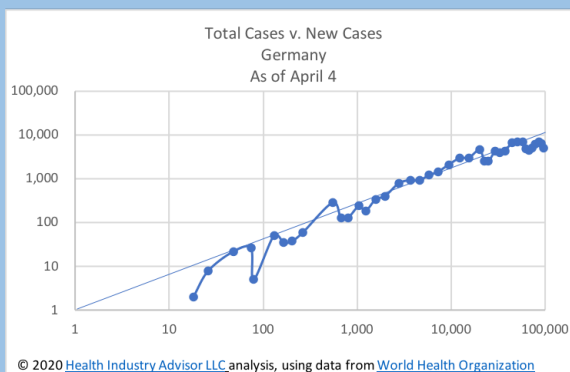
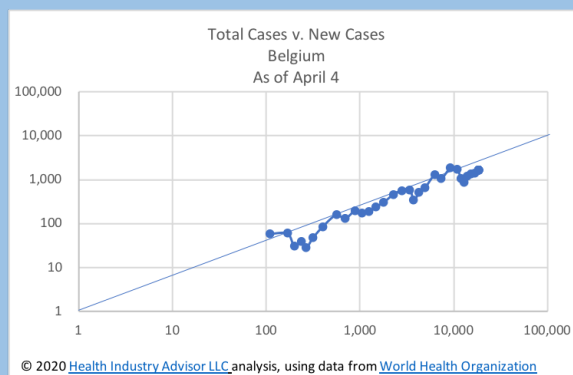
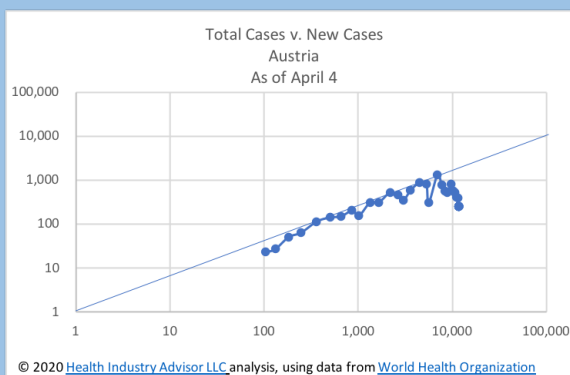


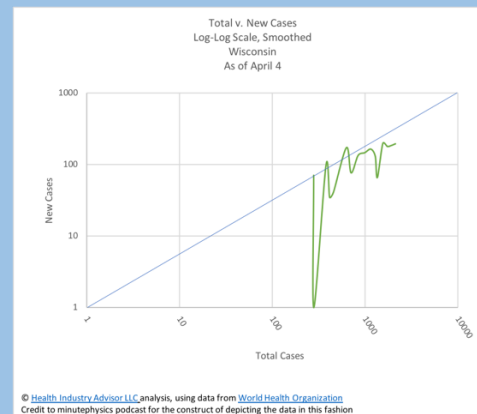
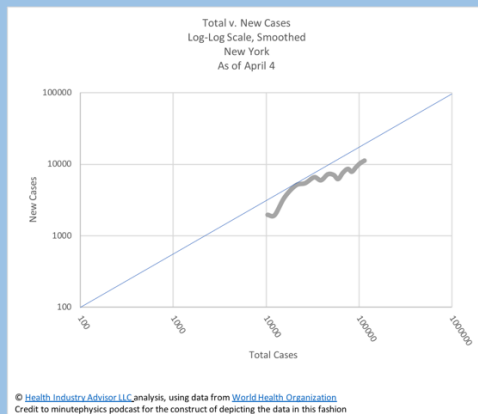
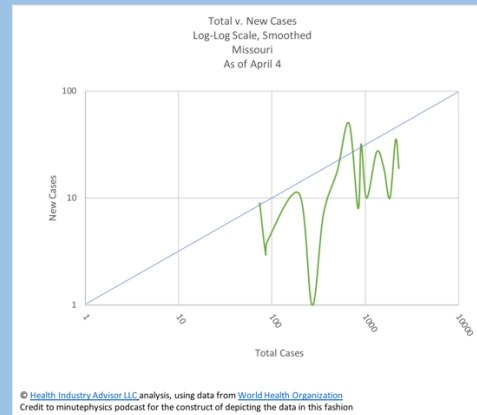
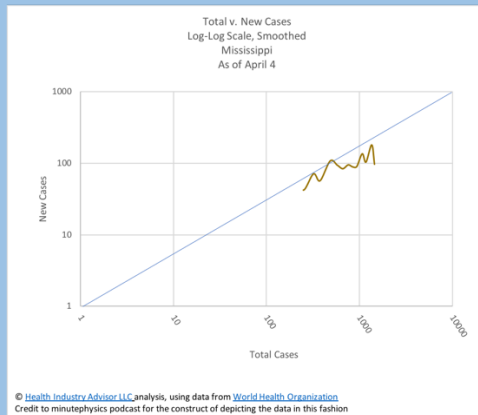
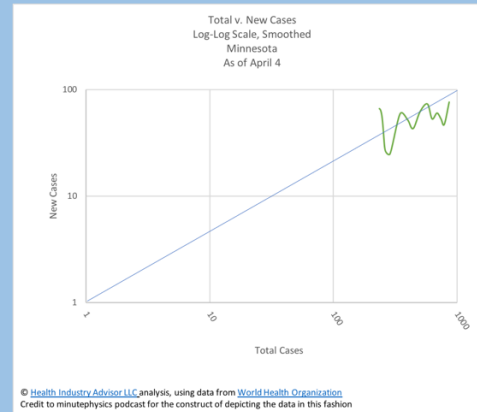
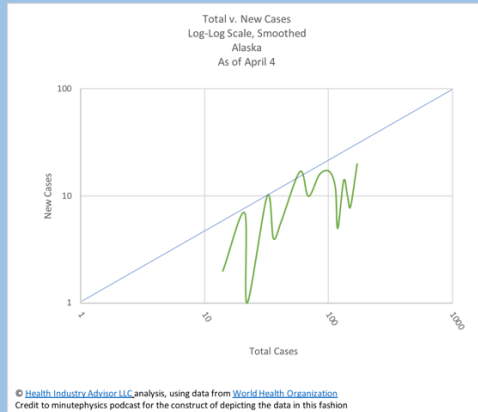
Information provided as a courtesy, based on data from the above-named sources. HIA has no responsibility for the accuracy and updating of any data. Sources: worldometers.info; covidtracking.com Graphics depict data as of April 3, 2020.

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Illustration of countries which are showing evidence that cases are no longer growing exponentially - in other words, containment may have begun (China and South Korea not illustrated). Selected U.S. states shown on the following page.





Growth is slowing across the U.S.:

