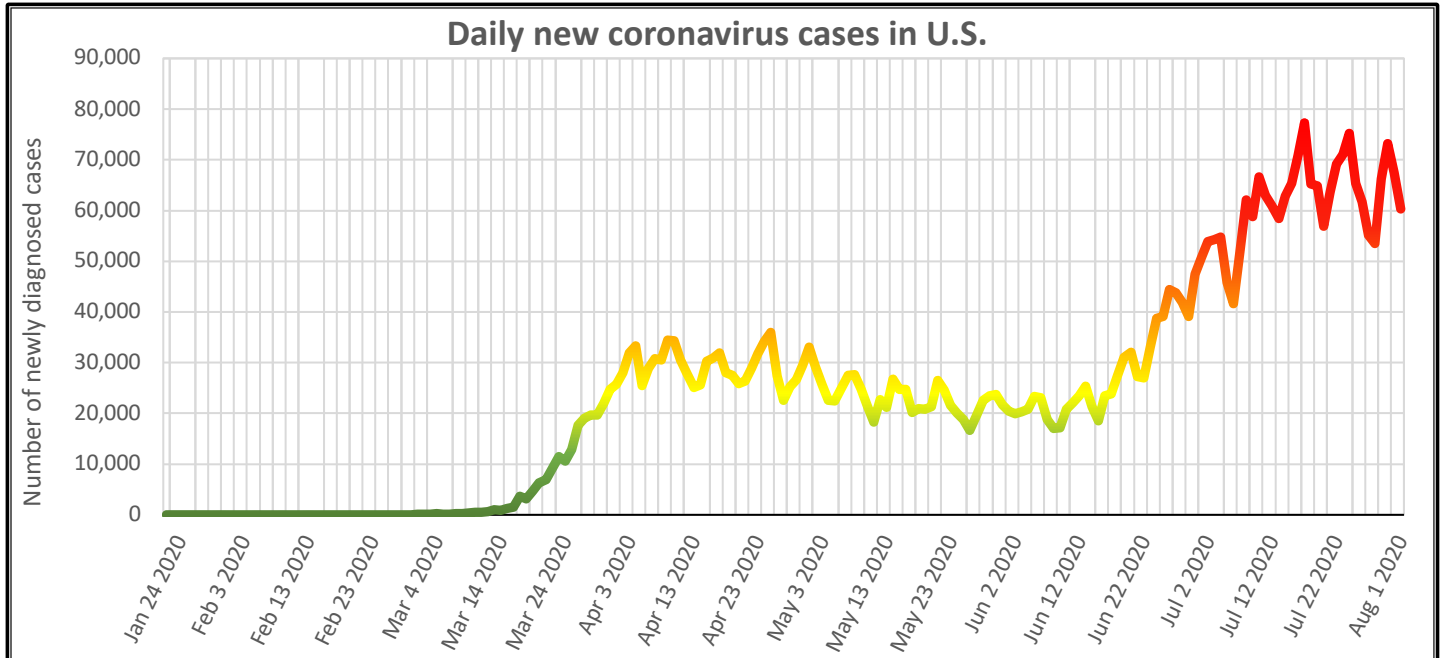


## What does this "New U.S. Coronavirus Cases" graph show?

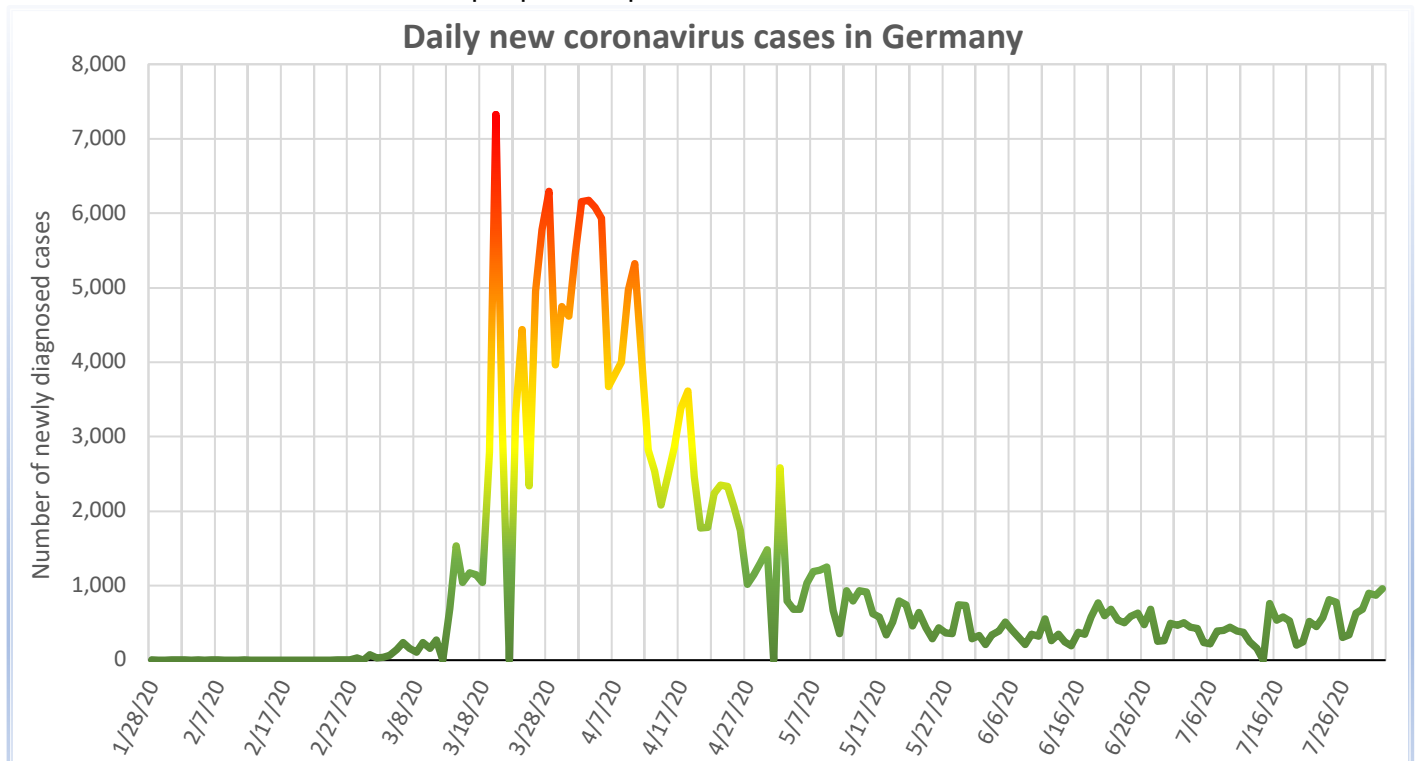
Daily cases of Covid19 in the United States;

1. What do you notice and wonder?



2. Why do you think that there are so many ups and downs? What should you consider?
3. What important events can you see on this graph? (On the second page of this activity we've given you a partial timeline of events that have occurred since January 2020.)
4. What can you conclude?
5. What do you think that the future graph will look like?

We created another graph that shows the same data for Germany. Germany quickly tested everyone for the virus and traced who the people with positive results had been in contact with.



6. What can you observe from this graph? What do you expect the future graph of Germany's cases might look like?

***Partial timeline of events leading up to and during the Coronavirus Pandemic***

- December 31, 2019 - First cases are reported in Hunan China.
- January 20, 2020 - First U.S. case is reported in Washington State. Person to person contagion was confirmed.
- January 23, 2020 - Wuhan Province of China was placed in lock down.
- January 25 - February 8, 2020 - Chinese New Year to Lantern Festival - a time to celebrate with family in China.
- February 6, 2020 - First person in U.S. dies of Coronavirus in California.
- February 15, 2020 - US government evacuated citizens stranded on cruise ship which had been quarantined in Japan.
- February 25, 2020 - Mardi Gras celebrations begin in Louisiana.
- February 25, 2020 - It has become clear that the US has only a fraction of the protective medical equipment and respirators stockpile that will be needed.
- February 26, 27, 2020 - Biogen conference in Boston that brought managers from all over the world.
- March 1 - 10, 2020 - Corona virus cases reported in most states.
- March 2, 2020 - US cases of the virus totaled 100 people.
- March 3, 2020 - US officials approved of widespread testing but supplies and availability was limited.
- March 6, 2020 - 8 million dollars was approved for testing supplies.
- March 11, 2020 - Many schools began online learning in the US.
- March 12, 2020 - Most major sports leagues announce the suspension of their playing seasons.
- March 13, 2020 - President Trump declared a national emergency.

- Mid-March - Virus testing has increased but not to the level that public health experts had recommended. Contact tracing is minimal
- March 15, 2020 - CDC recommended no gatherings of greater than 50 people. New York City's schools close.
- March 17, 2020 - CDC reported that 5,145 people have been infected in US.
- March 18, 2020 - Thousands of college students flock to Florida for spring break.
- March 19, 2020 - California is the first US state to issue mandatory "stay at home" orders.
- March 20, 2020 - US has 19,285 confirmed virus cases.
- April 7, 2020 - Almost all states have now issued "stay at home" orders. (exceptions - Arkansas, Iowa, Nebraska, North Dakota, and South Dakota)
- April 16, 2020 - President Trump starts encouraging state governors to reopen their shut down and begin removing their state's "stay at home" mandates.
- April 17, 2020 - President Trump encouraged protests against social distancing.
- April 30, 2020 - Several airlines began requiring face masks onboard flights.
- April, May, June, and July 2020 - many states began ordering masks worn in public.
- May 25, 2020 - Americans saw George Floyd dying under a police officer's knee.
- May 27, 2020 - Protests erupted in many cities caused by the killing of George Floyd.
- May 20, 2020 - States begin reopening.
- June 20, 2020 - US southern states saw a large rise in cases of the virus.
- June 25, 2020 - Wearing face masks became a political issue and some people began protesting face coverings and refusing to wear them.
- July 7, 2020 - Trump administration withdrew United States from WHO.
- July 10, 2020 - Several southern and western states began breaking huge daily infection records.
- Mid-July, 2020 - Much of the US is experiencing heat waves. People headed for crowded beaches and stayed inside in air-cooled places.

Sources: <https://covidtracking.com/data/us-daily>  
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