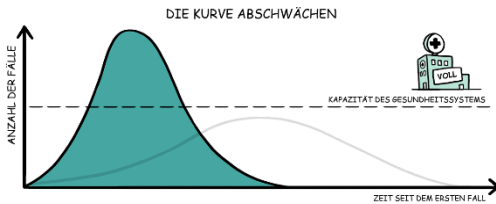


Pandemic Special

- Grasp and Understand - Graph for new infections



Quelle: <https://de.wikipedia.org/wiki/Datei:Covid-19-curves-graphic-social-v3-de.gif>
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→ How is the graph of newly infected per day being generated?

In a pandemic the number of newly infected people looks like a hill or like a couple of hills (wave). In the beginning of the Covid-19 pandemic it was being said, that this curve has to be flattened and restrictions were needed to do so. But what does this graph really show?

Infobox

Take a chart of your country or a country your choice, that shows the "cases/day" (cases per day) during the pandemic.

Grasp and Understand

Try to understand, how the graph for the cases per day is being generated.
For this, use the chessboard from task "spread".

- 1) Lay out the rice grains in the first row of the chessboard in the same way as in "Task 1: Spreading".
- 2) In the second row, you now count the increase in rice grains in the front row. An example is in the machining instructions (see notes).
What do you find when you compare the two rows?

Because the number of positive tests varies greatly within a week, you can find a chart with cases/week (cases per week) to the right of "Grasp and understand" with weekly numbers of Germany during the beginning of Covid-19. In contrast to the chessboard, where the numbers increase more and more, you see a clear flattening in the diagram. Especially in the week before last to last week, the number of positive tests did not multiply, but remained almost the same.

