

DATA ANALYSIS AND VISUALISATION

ACCB4002

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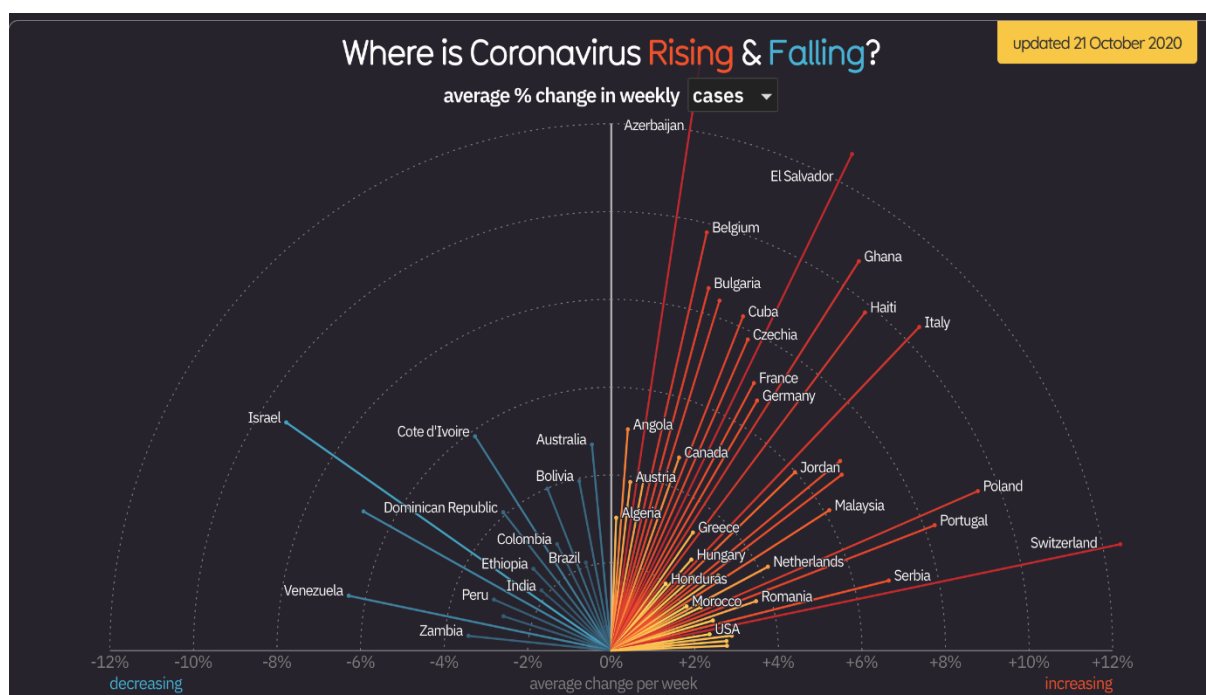
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Where is Corona virus Rising and Falling?

The word “infographic” (or information graphic) it is explained to us by [Oxford English Dictionary \(1\)](#), as a visual representation of information or data, as a chart or a diagram. The use of infographics is amazing, because it makes like any complicate information to be easy to digest and understand. In our case this infographic it provides us a quick overview of a topic, it displays research or survey data, compare different areas.

[Andrei Badescu\(2\)](#) sais on his site that there are 5 golden rules for an infographic: to define the purpose of the infographic...stick to the point, to use the visual effect...90% of our brain informations are absorbed visual, to pick a colour theme...no more than 3 colours, to keep it clean an short, and to keep it straight.

According to the infographic showed in this document, Corona Virus or COVID-19 how it is known, it is present everywhere in the world, in some countries it is present with a higher number of cases, in some countries it is present with a average number and in other with low number of cases, meaning that the maximum level of infection has already been reached there and that now the number of infected patients is decreasing.



As you can see, this infographic it has a week as a reference time and it is divided in two parts that shows us the rising (right side) and the falling (left side) of the Corona Virus from the highest level of infected persons to the lowest level of infected cases in most of the countries of the world. This infographic is represented in colours, to make it easier to understand and to see as many information and details it contains.

The countries that we can see in the right side of the infographic have a very dangerous rate

of infection represented by the red colour. As you see the number of countries is much bigger than the numbers of the countries from the left side of the chart. The countries with a higher rate of infection are Azerbaijan, El Salvador, Bulgaria, Ghana, Italy, Switzerland, and others. Because of the high number of infected areas, the name of the countries could not be putted in the chart. With yellow we have the countries of the world with a average number of infected people. Some of those countries had reach the maximum level of disease and the cases are now in declining, in countries like Angola, Austria, Algeria, Canada, Greece, Hungary, Honduras, Morocco and others...

From this infographic we can see that the highest risk countries are Switzerland, Azerbaijan and El Salvador. Those countries had a rising of the corona virus cases with at least 12 percent this week. The blue colour represents the countries with a lower number of infected people, countries as Venezuela, Zambia, Dominican Republic, Austria, Bolivia, Brazil, and others. Here again like in the right part of the infographic, there are a few areas that could not be putted on the chart with a name or other details. The lowest rated country with the Corona virus infection is Israel with a drop of at least 10 percent this week. In all countries there are rules and conditions, that made it possible for the disease cases to get low and the Corona virus cases can become as low as possible, but this thing is different from country to country because of the high number of people that lives in those areas.

I can say that this infographic in sending us a message that it is very important and this is to respect those rules of hand washing, face covering and social distance to make the virus disappear slowly slowly. It will take a while but I'm more than confident that it will disappear shortly.

Between the highest countries with infection and the lowest one I can say that is a difference with at least 2 percent per week in the favor of rising, while falling it expects its row after Corona virus will finish rising.

Because of the size of the infographic and the huge numbers of countries affected by corona virus, lots of the countries that are represented only with the lines but without any name or legend to identify them, we can not see other data regarding the Corona virus rising and falling on those countries, so there are a few blue, yellow and more red lines that are there with no details, no valid data. If I could change something at this infographic, I would change the charts, I would use one with a detailed list of countries, maybe with more details like population of the country, people infected, people cured or dead by this corona virus, like a board or a image from the highest risk of infection area, to the lowest risk of infection, using a high contrast of colours like black and white with grey as average, or something that can show a big difference like in this chart, blue and red, with yellow at middle. In this period, in this digital era, with the technology that we have, we can make infographics more detailed and complex with the help of computers and applications, that can transmit through some charts, line, colours and text, a lot of information to the persons, or to who is interested to see different infographics regarding different types of subjects or domains.

Something else I see in this infographic is that all Europe it is attacked by the corona virus and it would take a while until it gets to the high end of the expansion, leaving place for most expected falling of Corona virus. Other countries like India, Peru, Brazil, Bolivia, Ethiopia are heading with success to finish with the coronavirus cases.

Reference:

1. <https://www.lexico.com/definition/infographic>
(Origin: 1970s blend of [information](#) and [graphic](#).)
2. <https://www.breakfix.ro/ce-este-infografic-infographic/> ANDREI BADESCU
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