

Data Visualisation Project: Vaccinations

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Source 1:

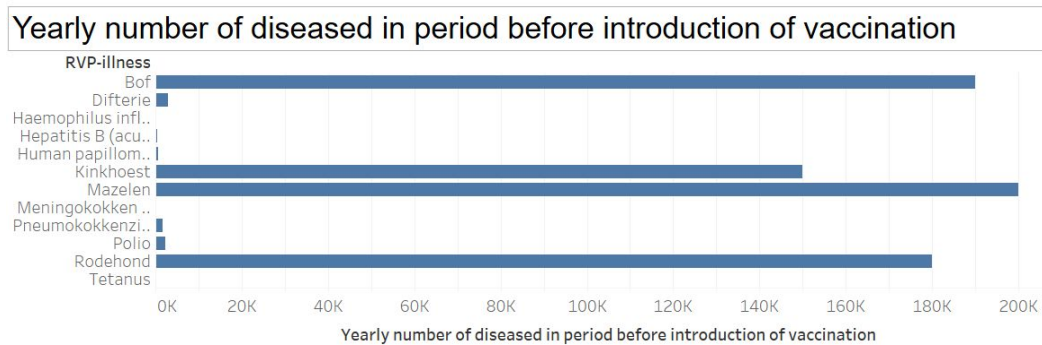
<https://data.worldbank.org/indicator/SH.IMM.IDPT>



Number of DTP vaccinations of 12-23 month olds globally from 1990-2017. This shows how the vaccinations percentages have been increasing in the world.

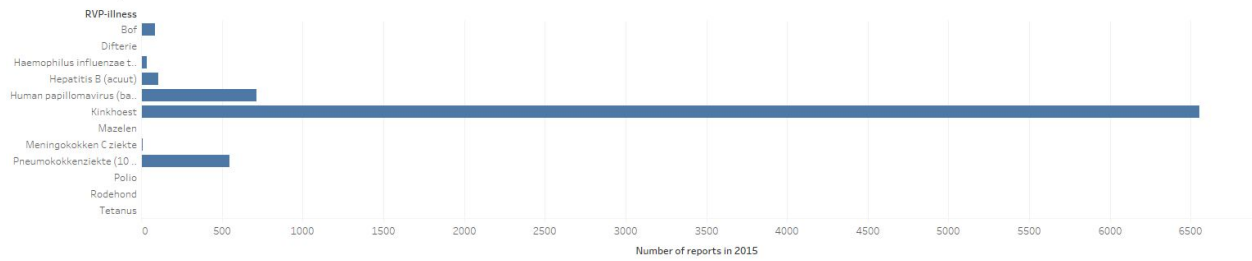
Source 2:

<https://www.volksgezondheidenzorg.info/onderwerp/ziekten-het-rijksvaccinatieprogramma/cijfers-context/bof#bronverantwoording>



Yearly number of diseased in the Netherlands in the period before the introduction of vaccination.

Number of reported incidents in 2015 in the Netherlands

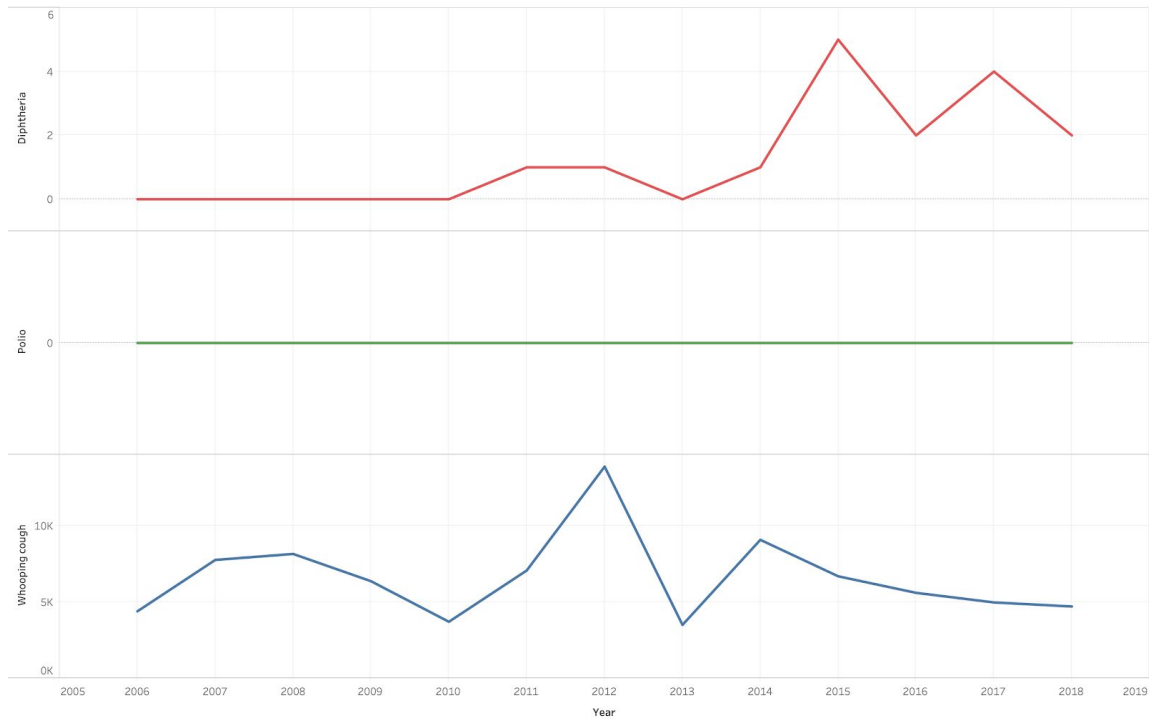


Number of reported incidents in 2015 in the Netherlands after the introduction of vaccinations. The impact of change could have been bigger if we kept the same scale as from before vaccinations were introduced, however we felt that it would then be very difficult to actually see the amounts. The point of these two graphs is to indicate that the vaccinations really work.

Source 3:

<https://opendata.cbs.nl/statline/#/CBS/nl/dataset/37852/table?ts=1559641419754>

Occurrences Diphtheria, Polio and whooping cough

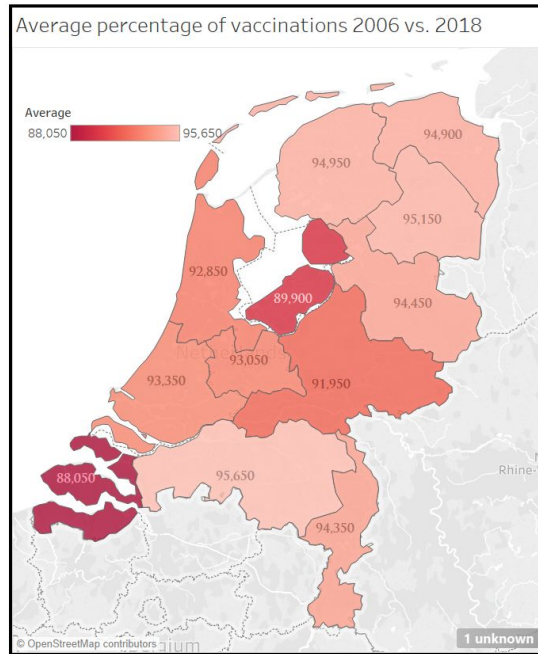


The trends of sum of Diphtheria, sum of Polio and sum of Whooping cough for Year.

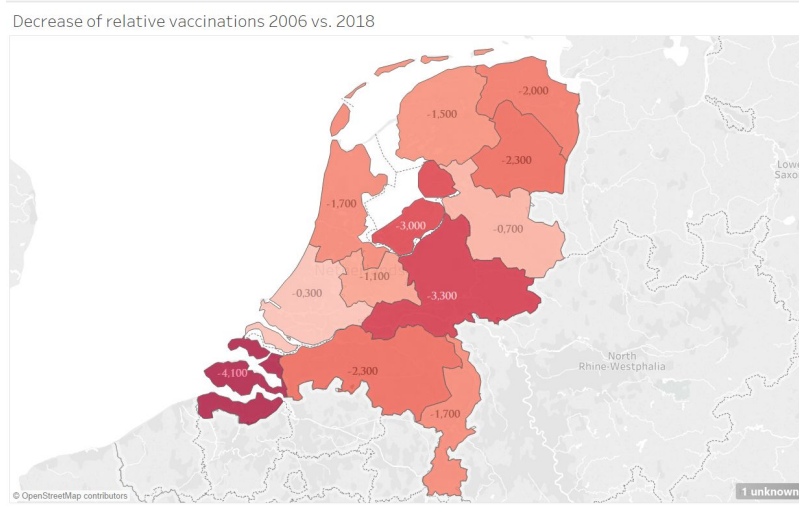
The number of occurrences of diphtheria, polio and the whooping cough over the years in the Netherlands. This shows that more children are getting sick then in previous years, and we believe this graph shows a clear relation with the vaccination percentage.

Source 4:

<https://data.overheid.nl/data/dataset/47194-dktp-inenting--zuigelingen--regio>

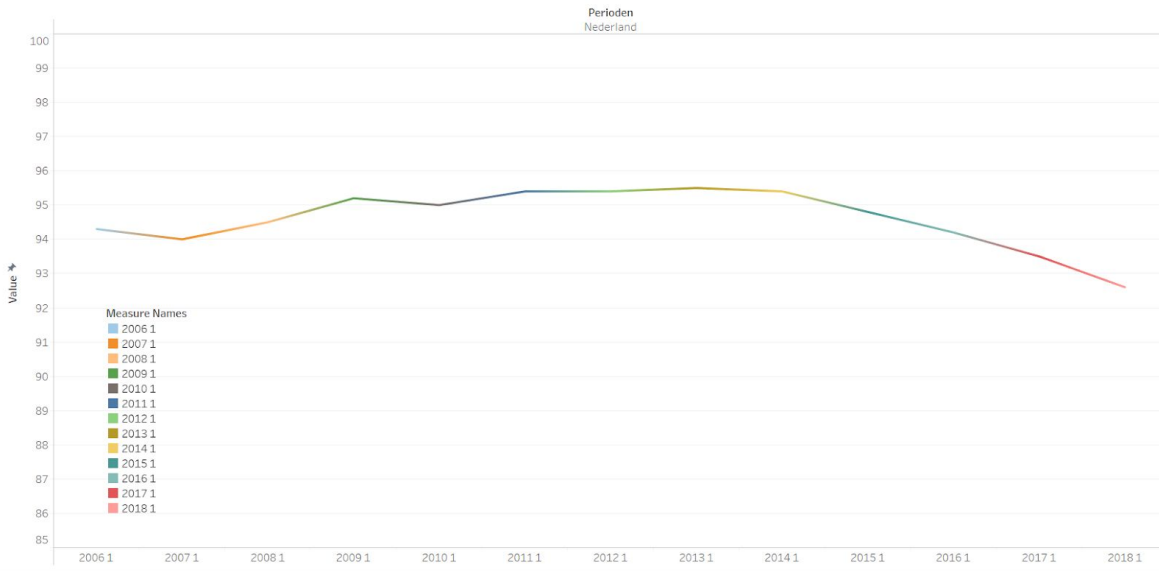


Average percentage of vaccinations per province in the Netherlands 2006 vs. 2008

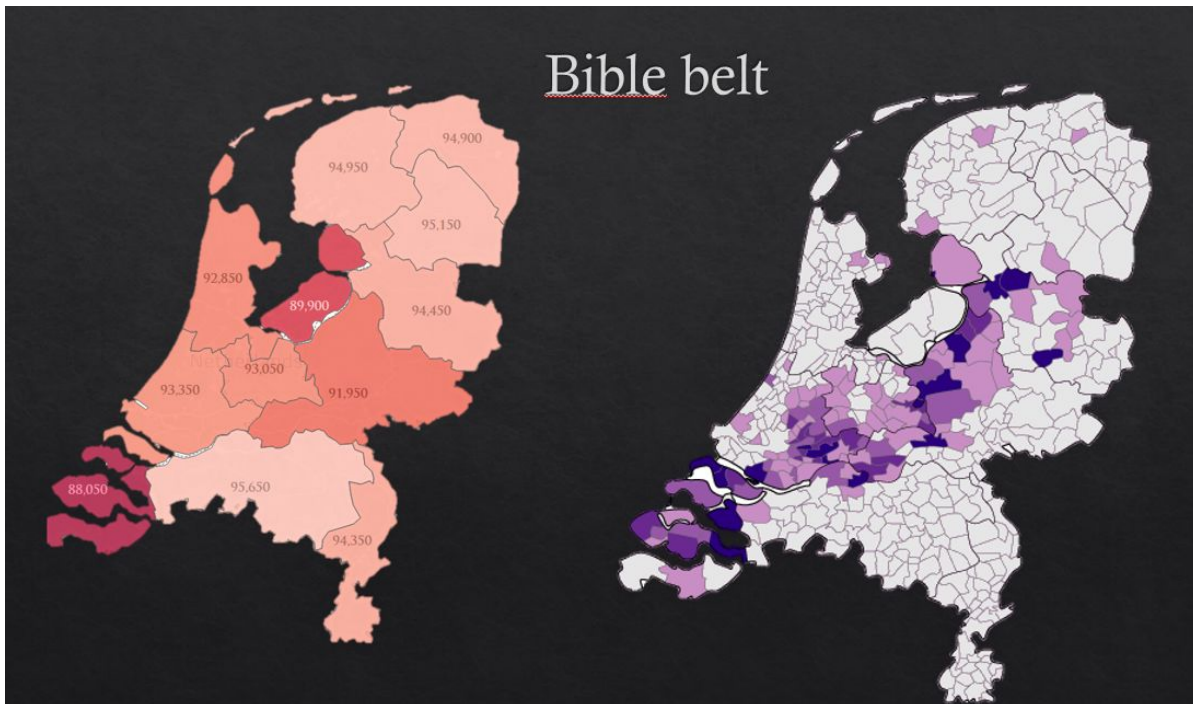


Vaccination decline percentages per province in the Netherlands. The reason we show this, is to indicate that were going in the wrong direction. Even though vaccination percentages worldwide have increased the last few decades, in the last couple of years, these percentages are declining again in western countries, including the netherlands.

Changes over time of the Netherlands



Vaccination percentage over the years. We know the colours are a bit redundant, but we kept this in because we found it more beautiful that way.



Source of second image: <https://nl.wikipedia.org/wiki/Bijbelgordel>

This picture shows the relation between the percentage of people that are vaccinated and the people that are very religious. It would have been more clear if the left picture were split up into municipalities, however this was not possible. However, we think it still shows a relation, namely the relation that religious people are less eager to get their children vaccinated.