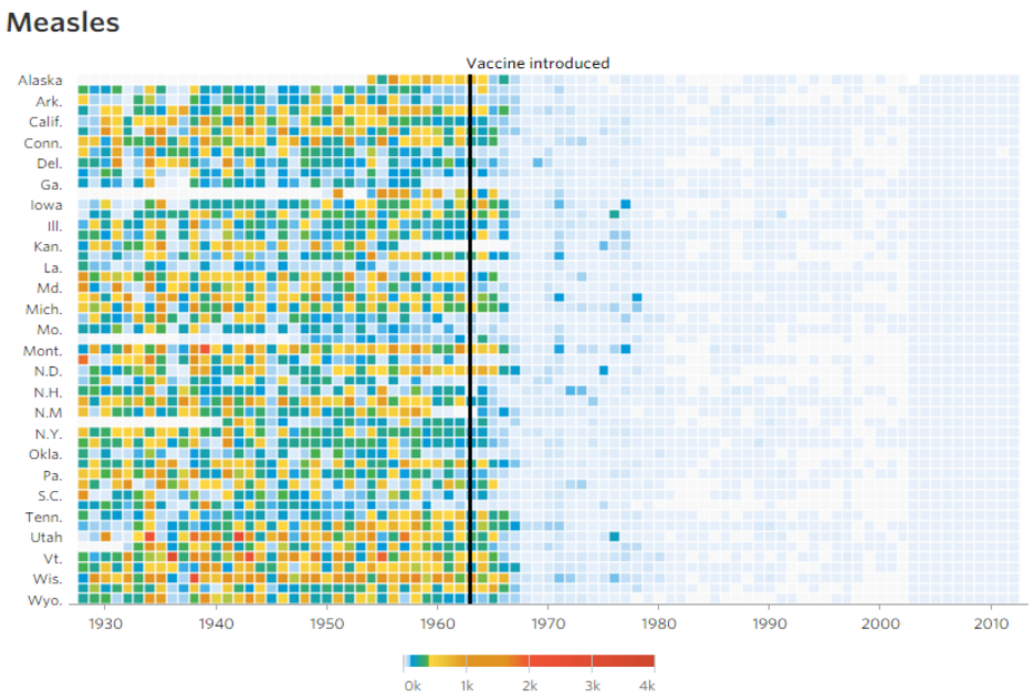

Source: https://www.informationisbeautifulawards.com/showcase/660-vaccines-and-infectious-diseases

This data visualization chart shows the number of people who were infected before and after vaccine use among 100,000 people in the United States(the black line in the graph represents the data after vaccine use). The y-axis in the chart is the 50 states in the United States, and the x-axis represents the number of infectious diseases among 10,000 people. The author uses color to represent the number of infected people. The closer the color is to red, the higher the number of infected people. The closer to green, the lower the number of infected people.

According to the data in the graph, it is very clear that after the vaccine was introduced(the data after the black line), the number of people infected with the infectious disease dropped significantly. Although there were still a small number of patients in the first 1-2 years of the vaccine's use, in subsequent data there were almost no infected people. Therefore, we can conclude that vaccines have very obvious control and prevention effects on the spread and spread of infectious diseases