

DO VACCINES OVERWHELM THE IMMUNE SYSTEM?

The short answer is no! Check out why.

Our immune systems fight potential pathogens all day, every day!



The average adult carries more bacteria than the number of cells they are made of. For example:

A 25-year-old, 5'7" male who weighs 154 lbs. has about:

- 30,000,000,000,000 Cells
- 39,000,000,000,000 Bacteria

Even if a baby is 1/10th the size of an adult, they still have trillions of cells & carry trillions of bacteria.



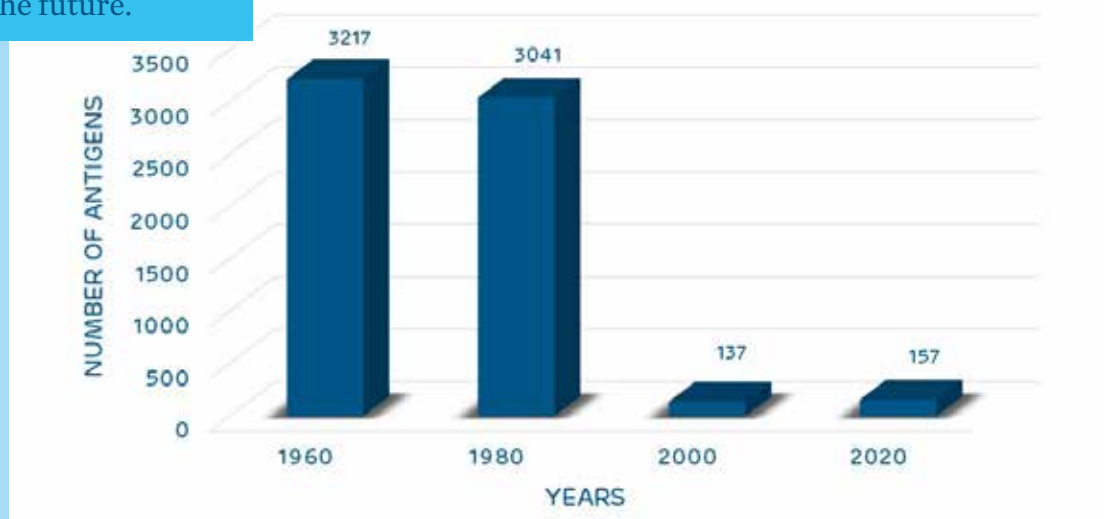
The number of antigens in vaccines has decreased over time.

What is an antigen?

Antigens are the parts of viruses & bacteria that induce immune responses. By introducing antigens in a vaccine, we can protect people if they are exposed to the virus or bacteria in the future.



Number of Antigens in Routinely Recommended Childhood Vaccines over Time



Find more info:



vaccine.chop.edu



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