# **Vaccination for Kids**

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DSC500-T301: Introduction to Data Science

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**Introduction**

This is trendy discussion going around the world for many decades and research are going on to prove its pros and cons. Literally I need to bet on the cons as on-time vaccination throughout childhood is essential because it helps provide immunity before children are exposed to potentially life-threatening diseases. Vaccines are tested to ensure that they are safe and effective for children to receive at the recommended ages.

**Why Vaccination Needed**

Children are exposed to thousands of germs every day. This happens through the food they eat, air they breathe, and things they put in their mouth. Babies are born with immune systems that can fight most germs, but there are some serious and even deadly diseases they can’t handle. That’s why they need vaccines to strengthen their immune system. Vaccines use very small amounts of antigens to help your child’s immune system recognize and learn to fight serious diseases. Antigens are parts of germs that cause the body’s immune system to go to work.

Combination Vaccines are introduced to kids Combining vaccines into fewer shots may mean that more children will get recommended vaccinations on time.

Analysis

**Let’s research on the people interest on vaccine for kids**. Global vaccination interest spiked up around 2020 ,when the COVID-19 pandemic entered the world. People were looking for vaccine to escape from deadlier disease.

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**Research on side-effects of Vaccine**, the search volume of the side effects of vaccine particularly for Kids have gone up after 2020. Any vaccine can cause side effects mostly, a sore arm or low-grade fever. Remember, vaccines are continually monitored for [safety](https://www.cdc.gov/vaccinesafety/), and like any medication, vaccines can cause side effects. However, a decision not to immunize a child also involves risk and could put the child and others who meet him or her at risk of contracting a potentially deadly disease.

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**Research on Whether Vaccination to kids can cause Autism** – I strongly deny it from the google search I did-it comes out as myth. Autism is a neurodevelopmental difference usually present at birth, before vaccination begins. But the signs may not be noticeable right away. Many children aren’t diagnosed with autism until they’re about 2 years old. Some people are older — even adult — when they receive their diagnosis.

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**Research on vaccination for underdeveloped countries**: Vaccine preventable diseases are still the most common cause of childhood mortality, with an estimated 3 million deaths every year, mainly in Africa and Asia. Different factors were found to influence under-five childhood immunization uptake among parents in Africa. Immunization health education intervention among pregnant women, focusing on the significant findings from this systematic review, would hopefully improve childhood immunization uptake in African countries with poor coverage rates.

**Research on deaths to the use of vaccines** –

* deaths for which the available data were insufficient to allow a judgment of cause.
* deaths associated with vaccine administration but attributable to inappropriate handling, contamination, production error, or error of medical care.
* deaths temporally associated with vaccine administration but clearly caused by something other than the vaccine.
* deaths classified as sudden infant death syndrome (SIDS).

**Conclusion**

Vaccination is a highly effective, safe, and easy way to help keep your family healthy. The timing of vaccination is based on how your child’s immune system responds to vaccines at various ages and how likely your child may be exposed to disease. Vaccines are tested to ensure they are safe and effective for children to receive at the recommended ages

**References**

[Using Google Trends to Predict COVID-19 Vaccinations and Monitor Search Behaviours about Vaccines: A Retrospective Analysis of Italian Data - PMC (nih.gov)](https://www.ncbi.nlm.nih.gov/pmc/articles/PMC8778420/)

[Deciding to Vaccinate Your Child: Common Concerns | CDC](https://www.cdc.gov/vaccines/parents/why-vaccinate/vaccine-decision.html)