

# 11 Key Facts

## about COVID-19, Kids and Kawasaki Disease

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Findings as of May 22, 2020

- In the largest study conducted by the United States on Covid-19 1.7% were among children aged <18 years.
- There have been 3 pediatric deaths in the United States associated with Covid-19, all are currently still being investigated. In contrast there have been 176 pediatric deaths from influenza in 2019/2020.
- Hospitalization is most common in children <1 and those with underlying medical conditions.

<https://www.cdc.gov/coronavirus/2019-ncov/hcp/pediatric-hcp.html>

<https://www.cdc.gov/mmwr/volumes/69/wr/mm6914e4.htm>

- A recent review of 72,314 cases by the Chinese Center for Disease Control and Prevention showed that less than 1% of cases were in children under the age of 10.
- 3 patients in this study required intensive care and breathing assistance. All 3 children had preexisting medical conditions.
- Children may not be super spreaders, but instead capable of building immunity with minimal symptoms of covid.

<https://www.nejm.org/doi/full/10.1056/NEJMc2005073>

[https://www.cbc.ca/news/canada/ottawa/children-may-not-be-super-spreaders-afterall-new-research-suggests-1.5552099?fbclid=IwAR3vj-tEpK1xnvIW99CHJ2FXekpTGLP8\\_W7XKxJUyfGDnH752\\_qWkEEUj54](https://www.cbc.ca/news/canada/ottawa/children-may-not-be-super-spreaders-afterall-new-research-suggests-1.5552099?fbclid=IwAR3vj-tEpK1xnvIW99CHJ2FXekpTGLP8_W7XKxJUyfGDnH752_qWkEEUj54)

[https://www.sciencemag.org/news/2020/02/paper-non-symptomatic-patient-transmitting-coronavirus-wrong?fbclid=IwAR38KEaokQlsEINtNR9A8wnmz3Uedv7DOLmAvu8Bii19ZpxgHBz80-i6a\\_A](https://www.sciencemag.org/news/2020/02/paper-non-symptomatic-patient-transmitting-coronavirus-wrong?fbclid=IwAR38KEaokQlsEINtNR9A8wnmz3Uedv7DOLmAvu8Bii19ZpxgHBz80-i6a_A)



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- According to John Hopkins “Generally, COVID-19 symptoms are milder in children than in adults. In a recent study published in Pediatrics of COVID-19 in Chinese children, 90% of those who tested positive for the disease had mild symptoms, or none at all.”

[https://www.hopkinsallchildrens.org/Patients-Families/Coronavirus-\(COVID-19\)](https://www.hopkinsallchildrens.org/Patients-Families/Coronavirus-(COVID-19))

- According to the American College of Obstetricians and Gynecologists there is no conclusive evidence that shows Covid-19 has been passed from Mother to baby. *(Last updated April 23, 2020)*

<https://www.acog.org/clinical/clinical-guidance/practice-advisory/articles/2020/03/novel-coronavirus-2019>

- New research is showing a possible link between Covid-19 and Kawasaki disease. Kawasaki disease was first discovered in 1967 in Japan.

- Kawasaki disease is thought to be caused from viral illnesses, including influenza. Kawasaki disease is treatable and rarely life threatening.

<https://www.stanfordchildrens.org/en/topic/default?id=kawasaki-disease-90-P01801>

- In 2009 there were over 5000 cases of Kawasaki disease in the United States. In the 1980s there were four outbreaks of Kawasaki disease in the US. There were no fatalities.

<https://www.cdc.gov/mmwr/preview/mmwrhtml/00001256.htm>

<https://www.cdc.gov/kawasaki/index.html>