**SAMPLING OF OUTBREAKS IN HIGHLY VACCINATED POPULATIONS**

* 1963 to present [measles outbreaks in highly vaccinated populations](https://www.ncbi.nlm.nih.gov/pmc/articles/PMC172858/)
* 1975-76 Epidemic measles in[a highly vaccinated population](https://www.ncbi.nlm.nih.gov/pubmed/65732)
* 1984 measles outbreak in 1[00% Illinois vaccinated populatio](https://www.ncbi.nlm.nih.gov/pubmed/6427582?dopt=Abstract)n.
* 1985-86 [Measles outbreaks in pre-school age children](https://www.researchgate.net/publication/20245552_Patterns_of_Transmission_in_Measles_Outbreaks_in_the_United_States_1985-1986)
* 1985 Measles transmission in students [despite outbreak control program](https://www.ncbi.nlm.nih.gov/pubmed/4014205)
* 1987 [Measles outbreak in a highly vaccinated](https://www.ncbi.nlm.nih.gov/pubmed/3826461) High School population
* 1988 [Measles outbreak at Colorado College](https://www.ncbi.nlm.nih.gov/pubmed/8277201), 98% documented vaccinated
* 1990 [Measles vaccine failure in Madison, Wisconsin](https://www.ncbi.nlm.nih.gov/pubmed/2278542), twice vaccinated population.
* 1991 [Measles outbreak in 31 schools](https://www.ncbi.nlm.nih.gov/pubmed/8137189) in Ontario, Canada
* 1994 [Mumps outbreak in Netherlands in highly vaccinated](https://www.ncbi.nlm.nih.gov/pubmed/20188683) student population
* 1995 [Mumps outbreak in a highly vaccinated school population](https://www.ncbi.nlm.nih.gov/pubmed/7795768). Evidence for large-scale vaccination failure.
* 1996 Measles outbreak [in Toronto secondary school population, twice vaccinated](https://www.ncbi.nlm.nih.gov/pubmed/8943928?dopt=Abstract).
* [1998 Varicella outbreaks](http://pediatrics.aappublications.org/content/104/3/561) after the vaccine
* 1998 Measles transmission [in Anchorage, Alaska](https://www.ncbi.nlm.nih.gov/pubmed/9921727?dopt=Abstract)
* 1996 Pertussis outbreak [in Vermont school population](https://www.ncbi.nlm.nih.gov/pubmed/9310216)
* 1990 Measles [vaccine failure in highly vaccinated population](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=2278542&dopt=Abstract)
* 1991 Mumps outbreak in [Tennessee highly vaccinated school population](https://www.ncbi.nlm.nih.gov/pubmed/8277201)
* 2011 Largest [measles outbreak in highly vaccinated population](https://www.ncbi.nlm.nih.gov/pubmed/23264672) in Quebec, Canada.
* 2015 Measles outbreak (unique virus) in [highly vaccinated Ontario population](https://wwwnc.cdc.gov/eid/article/23/7/16-1145_article)

Outbreaks do not discriminate by age or sex or by year. But they are more prevalent, with more serious side effects, among those who are vaccinated. Vaccines are the limiting factor in the spread of disease. According to the[National Vaccine Information Center](https://www.nvic.org/vaccines-and-diseases/measles/measles-vaccine-injury-death.aspx), as of March 31, 2018, there have been more than [89,355](http://www.medalerts.org/vaersdb/findfield.php?TABLE=ON&GROUP1=CAT&GROUP2=AGE&EVENTS=ON&VAX%5b%5d=MEA&VAX%5b%5d=MER&VAX%5b%5d=MM&VAX%5b%5d=MMR&VAX%5b%5d=MMRV&VAXTYPES%5b%5d=Measles&SUB_YEAR_HIGH=2018&SUB_MONTH_HIGH=03) reports of measles vaccine reactions, hospitalizations, injuries and deaths following measles vaccinations made to the federal Vaccine Adverse Events Reporting System (VAERS), including [445](http://www.medalerts.org/vaersdb/findfield.php?TABLE=ON&GROUP1=CAT&GROUP2=AGE&EVENTS=ON&VAX%5b%5d=MEA&VAX%5b%5d=MER&VAX%5b%5d=MM&VAX%5b%5d=MMR&VAX%5b%5d=MMRV&VAXTYPES%5b%5d=Measles&SUB_YEAR_HIGH=2018&SUB_MONTH_HIGH=03) related deaths, [6,196](http://www.medalerts.org/vaersdb/findfield.php?TABLE=ON&GROUP1=CAT&GROUP2=AGE&EVENTS=ON&VAX%5b%5d=MEA&VAX%5b%5d=MER&VAX%5b%5d=MM&VAX%5b%5d=MMR&VAX%5b%5d=MMRV&VAXTYPES%5b%5d=Measles&SUB_YEAR_HIGH=2018&SUB_MONTH_HIGH=03) hospitalizations, and [1,657](http://www.medalerts.org/vaersdb/findfield.php?TABLE=ON&GROUP1=CAT&GROUP2=AGE&EVENTS=ON&VAX%5b%5d=MEA&VAX%5b%5d=MER&VAX%5b%5d=MM&VAX%5b%5d=MMR&VAX%5b%5d=MMRV&VAXTYPES%5b%5d=Measles&SUB_YEAR_HIGH=2018&SUB_MONTH_HIGH=03) related disabilities. [Over 60%](http://www.medalerts.org/vaersdb/findfield.php?TABLE=ON&GROUP1=CAT&GROUP2=AGE&EVENTS=ON&VAX%5b%5d=MEA&VAX%5b%5d=MER&VAX%5b%5d=MM&VAX%5b%5d=MMR&VAX%5b%5d=MMRV&VAXTYPES%5b%5d=Measles&SERIOUS=ON&SUB_YEAR_HIGH=2018&SUB_MONTH_HIGH=03) of those adverse events occurred in children three years old and under.