



# Immunization Concerns

1. Have vaccinations eliminated any childhood diseases?
2. Are vaccinated children any healthier than unvaccinated children?
3. Are there risks to vaccinating your children?
4. If vaccinations deliver any protection against disease at all, is it lifelong?

# What “Wiped Out” Diseases?

**JAMA**®

The Journal of the American Medical Association

Vol. 281 No. 1, January 6, 1999

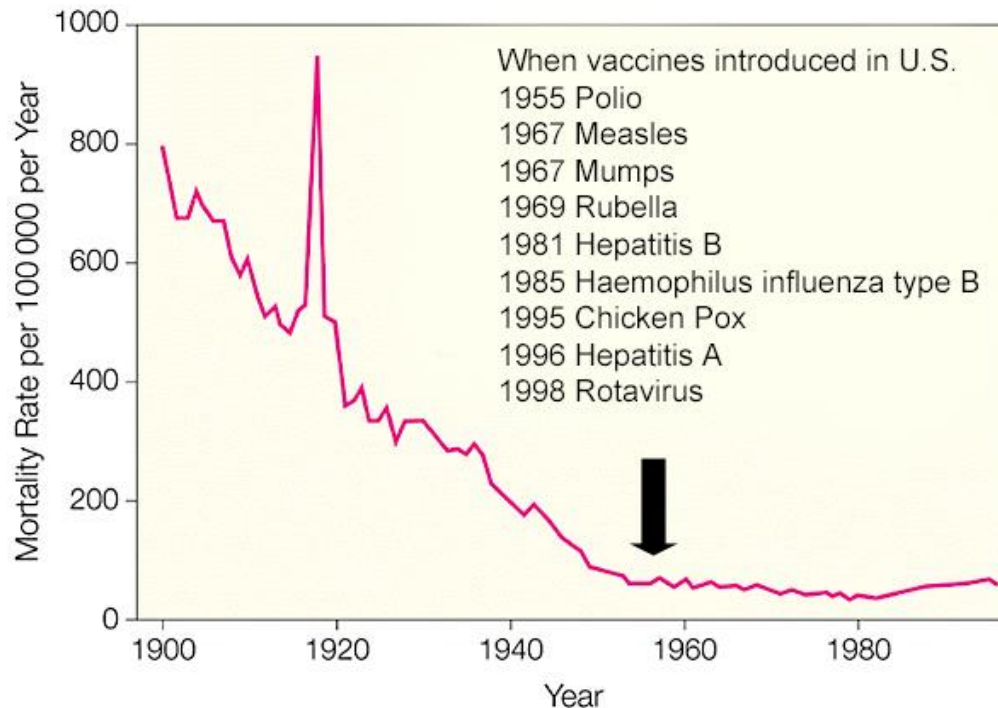


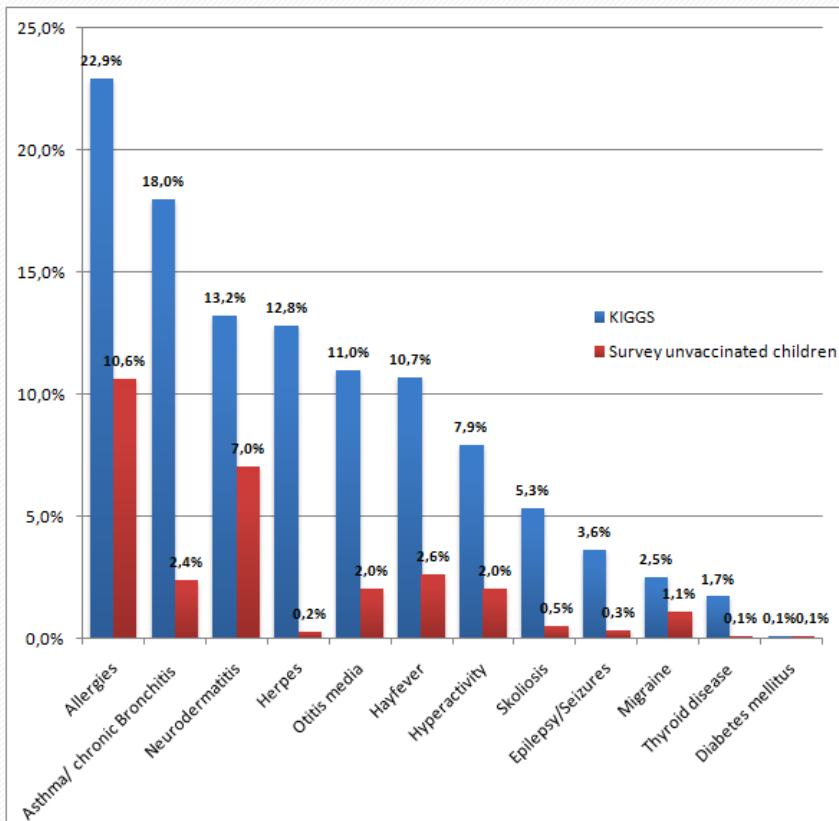
Figure 1. Crude Infectious Disease Mortality Rate in the United States from 1900 Through 1996

“... the largest historical decrease in morbidity and mortality caused by infectious disease was experienced not with the modern antibiotic and vaccine era, but after the introduction of clean water and effective sewer systems.”

The Journal of Pediatrics  
December 1999, Vol. 135,  
No. 6, p. 663

# Are Vaccinated Kids Healthier?

Direct comparison KIGGS study and vaccineinjury.info-survey (September 2011)



# Are There Risks to Vaccines?

- **As of September 15, 2011, there have been a total 71 VAERS reports of death among those who have received Gardasil®.**
- **VAERS received a total of 20,096 reports of adverse events following Gardasil® vaccination including permanent disability, Guillain-Barré Syndrome and blood clots.**



**Is “One Less...”  
worth 71 lives?**

# Vaccine & Autoimmune Disease

Most Common Vaccines Associated with Autoimmune Disease		
Type of vaccine	Autoimmune disease	Reference
Influenza	Guillain-Barré syndrome	Schonberger et al., 1979
Meningococcal (MCV4)	Guillain-Barré syndrome	CDC, 2006
Hepatitis B	Multiple sclerosis, Systemic lupus erythematosus, Rheumatoid arthritis, Diabetes Type 1, SIDS	Geier et al., 2005 Classen, 1996
Human Papilloma Virus (HPV)	Diabetes Type 1, Inflammatory bowel disease (IBS), Vasculitis, Systemic lupus erythematosus, Crohn's Disease, Ulcerative colitis, Juvenile arthritis	Verstraeten et al., 2008; Sutton et al., 2009
Measles, Mumps, Rubella	Idiopathic thrombocytopenic purpura, Diabetes Type 1 Autism, Asthma, Crohn's Disease	Wraith et al., 2003 Numazaki et al., 1989 Wakefield et al., 1998
Hepatitis A and B, Tetanus	Macrophagic myofasciitis	Gherardi et al., 2001
Pertussis (Whooping cough)	Diabetes Type 1, Hashimoto's Thyroiditis, Grave's disease	Hannik et al., 1978 Twarog & Rose, 1969

**Autoimmune diseases have risen in the past two decades by as much as 50-600%**

**Why?**

# Do Vaccines Offer Protection?

**More than 50% of all  
measles occur in  
vaccinated children**

**Over 30% of whooping  
cough cases occur in  
vaccinated children**

**4-5 years after a rubella  
vaccine large numbers of  
children show no  
immunity whatsoever to  
rubella**

