

# What would happen if we stopped vaccinations?

Comparison of 20<sup>th</sup> Century Estimated U.S. Annual Morbidity and 2004 Morbidity from Vaccine-Preventable Diseases

Disease	20th Century Estimated Annual Morbidity <sup>1</sup>	2004 Cases	Percent Decrease
Smallpox	29,005	0 <sup>2</sup>	100%
Diphtheria	21,053	0 <sup>2</sup>	100%
Measles	4,000,000	37 <sup>2</sup>	99.9%
Mumps	162,344	258 <sup>2</sup>	99.8%
Pertussis	200,752	25,827 <sup>2</sup>	87.1%
Polio (paralytic)	16,316	0 <sup>2</sup>	100%
Rubella	47,745	10 <sup>2</sup>	99.9%
Congenital Rubella Syndrome	152	0 <sup>2</sup>	100%
Tetanus	580	34 <sup>2</sup>	94.1%
Hepatitis A	117,333	24,291 <sup>3</sup>	79.3%
Hepatitis B (acute)	66,232	17,358 <sup>3</sup>	73.8%
Hib (invasive)	20,000	30 <sup>3</sup>	99.9%
Pneumococcus (invasive)	63,067	37,775 <sup>3</sup>	40.1%
Varicella	4,085,120	817,024 <sup>3</sup>	80.0%

1. Unpublished CDC data, reported December 2005
2. Reported cases, CDC, *MMWR* August 12, 2005. 54(31); 770 and CDC. *MMWR* December 2, 2005. 54(47);1214
3. Estimated cases.

