

### Impact of Vaccines in the 20<sup>th</sup> & 21<sup>st</sup> Centuries

Disease	20 <sup>th</sup> Century Annual Morbidity	2007 Total	% Decrease
Smallpox	48,164	0	100
Diphtheria	175,885	0	100
Pertussis	147,271	10,454	93
Tetanus	1,314	28	98
Polio (paralytic)	16,316	0	100
Measles	503,282	43	>99.9
Mumps	152,209	800	99.5
Rubella	47,745	12	>99.9
Congenital rubella	823	0	100
<i>Haemophilus influenzae</i> (<5 years)	20,000 (est)	202 (serotype B or unknown serotype)	99

**Sources:**

1. CDC. Impact of vaccines universally recommended for children – United States, 1900-1998. *MMWR* 1999;48(12): 243-8
2. CDC. Notice to Readers: Final 2007 Reports of Notifiable Diseases. *MMWR* 2008;57(33):903-13

3/20/09