

## Vaccines work! CDC statistics demonstrate dramatic declines in vaccine-preventable diseases when compared with the pre-vaccine era

Disease	Pre-Vaccine Era Estimated Annual Morbidity*	Most Recent Reports† or Estimates‡ of U.S. Cases	Percent Decrease
Diphtheria	21,053	0†	100%
<i>H. influenzae</i> (invasive, <5 years of age)	20,000	243†§	99%
Hepatitis A	117,333	11,049‡	91%
Hepatitis B (acute)	66,232	11,269‡	83%
Measles	530,217	61†	>99%
Mumps	162,344	982†	99%
Pertussis	200,752	13,506†	93%
Pneumococcal disease (invasive, <5 years of age)	16,069	4,167‡	74%
Polio (paralytic)	16,316	0†	100%
Rubella	47,745	4†	>99%
Congenital Rubella Syndrome	152	1†	99%
Smallpox	29,005	0†	100%
Tetanus	580	14†	98%
Varicella	4,085,120	449,363‡	89%

\*CDC. JAMA, November 14, 2007; 298(18):2155–63

†CDC. MMWR, January 8, 2010; 58(51,52):1458–68

‡2008 estimates, *S. pneumoniae* estimates from Active Bacterial Core Surveillance

§25 type b and 218 unknown