Impact of Vaccines in the 20th Century

Disease	20th Century Annual Morbidity	2002 Total	% Decrease
Smallpox	48,164	0	100
Diphtheria	175,885	1	>99.9
Pertussis	147,271	9,771	93.3
Tetanus	1,314	25	98.1
Polio (paralytic)	16,316	0	100
Measles	503,282	44	>99.9
Mumps	152,209	270	99.8
Rubella	47,745	18	>99.9
Congenital rubella	823	1	99.8
Haemophilus influenzae (<5 yrs)	20,000 (est.)	187 (serotype B or unknown serotype)	99.1

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 2002 Reports of Notifiable Diseases. MMWR 2003;52(31):742-50

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