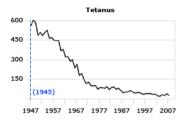
## Effectiveness of routine childhood immunizations

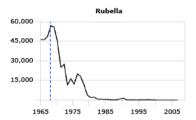


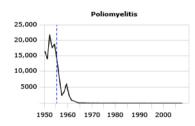


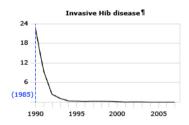


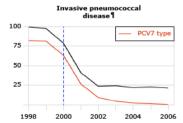












Cases of disease except as otherwise indicated for invasive Hib disease and invasive pneumococcal disease <sup>1</sup>. Dashed blue lines indicate the approximate date of routine childhood immunization against the disease.

Hib: Haemophilus influenzae type b; PCV7: 7-valent pneumococcal conjugate vaccine.

- \* The time period for this graph precedes the measles outbreaks that occurred across the United States during and after 2008.
- ¶ Incidence per 100,000 children under five years of age.

Centers for Disease Control and Prevention. Epidemiology and Prevention of Vaccine-Preventable Diseases, 11<sup>th</sup> ed, Atkinson W, Wolfe S, Hamborsky J, McIntyre L (Eds), Public Health Foundation, Washington DC 2009.