

Comparison of Pre-Vaccine Era Estimated Annual Morbidity with Current Estimate: Vaccine-Preventable Diseases

Disease	Pre-Vaccine Era Annual Estimate	2020 Estimate (unless otherwise specified)	Percent Decrease
Hepatitis A	117,333 †	19,900 *	83%
Hepatitis B (acute)	66,232 †	14,000 *	79%
Pneumococcus (invasive)			
all ages	63,067 †	17,700 #	72%
< 5 years of age	16,069 †	600 #	96%
Rotavirus (hospitalizations, < 3 years of age)	62,500 † †	16,250 ###	74%
Varicella	4,085,120 †	26,919 ###	99%

† JAMA. 2007;298(18):2155-2163

†† CDC. MMWR. February 6, 2009 / 58(RR02);1-25

* CDC. Viral Hepatitis Surveillance - United States, 2020

CDC. Unpublished, Active Bacterial Core Surveillance, 2020

New Vaccine Surveillance Network 2021 data (unpublished); U.S. rotavirus disease now has biennial pattern

CDC. Varicella Program 2021 data (unpublished, provisional and subject to change)

National Center for Immunization & Respiratory Diseases

Historical Comparisons of Vaccine-Preventable Disease Morbidity in the U.S.

