

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

Disease	Pre-Vaccine Era Annual Estimate	2022 Estimate (unless otherwise specified)	Percent Decrease
Hepatitis A	117,333 †	11,500 *	90%
Hepatitis B (acute)	66,232 †	13,300 *	80%
Pneumococcus (invasive)			
all ages	63,067 †	17,400 #	72%
< 5 years of age	16,069 †	900 #	94%
Rotavirus (hospitalizations, < 3 years of age)	62,500 † †	18,400 ##	71%
Varicella	4,085,120 †	34,238 ###	99%

† JAMA. 2007;298(18):2155-2163

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

\* CDC. Viral Hepatitis Surveillance - United States, 2021

# CDC. Unpublished, Active Bacterial Core Surveillance, 2021

## New Vaccine Surveillance Network 2022 data (unpublished); U.S. rotavirus disease now has biennial pattern

### CDC. Varicella Program 2022 data (unpublished, provisional and subject to change)

