

Diseases Actually or Potentially Controlled by Available Vaccines

Anthrax

Adenovirus 4 & 7

Diphtheria

Hepatitis A

Hepatitis B

Hib

Influenza (partial)

Japanese encephalitis

Measles

Meningococcus (not B)

Mumps

Pertussis

Pneumonia

Polio

Rabies

Rubella

Smallpox

TBE

Tetanus

Typhoid

Varicella

Yellow

Fever

Major Licensed Viral and Bacterial Vaccines for Humans According to the Mechanism of Disease Prevented by the Vaccine

Viral

Viremia:

**Smallpox, Yellow Fever, Measles
Mumps, Rubella, Polio, Varicella,
Hepatitis A, Hepatitis B
Japanese Encephalitis,
Tick-Borne Encephalitis**

Mucosal replication:

Influenza, Rotavirus

Neuronal Invasion:

Rabies

Bacterial

Bacteremia:

**Hemophilus Influenzae, type b
Meningococcal, Pneumococcal,
Typhoid (Vi)**

Mucosal Replication:

Pertussis, Typhoid (Ty 21a)

Toxin Production:

**Diphtheria, Tetanus, (Pertussis)
Cholera, Anthrax**

Macrophage Replication:

Tuberculosis

Major Infectious Diseases Uncontrolled by Vaccination

Chlamydia

Cytomegalovirus

Dengue

EBV

E. coli 0157

Helicobacter pylori

Hepatitis C

Herpes simplex

HIV

Human papillomavirus

Influenza, Pandemic

Parainfluenza

Malaria

Meningococcus B

RSV

SARS

Shigella

Strep, GpA + B

Tuberculosis

Urinary tract infection

West Nile