

# U.S. Government Recommended Vaccines for Children with Medical Conditions

## Aged 0 through 18 Years<sup>1</sup>

Compiled by NVIC from U.S. Dept. of Health & Human Services (DHHS) Websites

This graph was compiled by the non-profit National Vaccine Information Center (NVIC) In May 2015 from federal health agency website sources to summarize the most current vaccination recommendations from the Centers for Disease Control (CDC) for children with certain medical conditions. Where federal webpage information was inconsistent, the most recently updated webpage information was used. This graph is for informational purposes only and serves to give an overview of which vaccines are recommended by the CDC for children with certain medical conditions and is not intended as medical advice. Where more than one vaccine is available for an infectious disease (e.g. pertussis, pneumococcal) the graph should be interpreted to mean that at least one age appropriate vaccine is available for the noted conditions. All vaccines recommended by the government for children are covered by the federal Vaccine Injury Compensation Program (VICP).

Vaccine <sup>6,7</sup>	Indication <sup>8</sup>	Pre-term Infants (Aged <12 months) 1,4,7,8,10	Immuno-compromising conditions (excluding HIV)* 1,4,7,8,10	HIV infection CD4+T lymphocyte count 1,4,5,6,7,9,10		Pregnancy 1,2,10	Kidney failure, end-stage renal disease, receipt of hemodialysis 1,4,7,8,10	Heart disease, chronic lung disease, chronic alcoholism 1,4,7,8,10	Asplenia (including elective splenectomy and persistent complement component deficiencies) 1,4,7,8,10	Chronic liver disease 1,4,7,8,10	Diabetes 1,4,7,8,10
				<200 cells/ $\mu$ l	$\geq$ 200 cells/ $\mu$ l						
Hepatitis B*		<4.4 lbs									
Rotavirus <sup>3</sup>			SCID			n/a					
Diphtheria, tetanus, & acellular pertussis*											
Haemophilus influenzae type b*											
Pneumococcal*											
Inactivated Poliovirus*											
Influenza*											
Measles, mumps, rubella		n/a									
Varicella		n/a									
Hepatitis A*		n/a									
Human papillomavirus*		n/a									
Meningococcal*		n/a									

<sup>1</sup> [CDC & ACIP Recommended Childhood Vaccine Schedule - 2015](#)

<sup>2</sup> [CDC Vaccine Guide for Pregnant Women](#)

<sup>3</sup> [CDC MMWR Rotavirus Recommendations](#)

<sup>4</sup> [CDC MMWR General Vaccination Recommendations](#)

<sup>5</sup> [Recommended Vaccine Schedule for HIV Infected Children age 0-6 yrs](#)

<sup>6</sup> [Recommended Vaccine Schedule for HIV Infected Children age 7-18 yrs](#)

<sup>7</sup> [CDC Conditions Commonly Misperceived as Contraindications to Vaccination](#)

<sup>8</sup> [CDC Guide to Contraindications & Precautions for Childhood Vaccines](#)

<sup>9</sup> [CDC U.S. Vaccines Table - Inactivated and Live Vaccines](#)

<sup>10</sup> [CDC's Pink Book - General Vaccine Recommendations - May 2015](#)

For all persons in this category who meet the age requirements and who lack documentation of vaccination or have no evidence of previous infection.

Most individuals may receive this vaccine and it is only contraindicated for a small number of conditions. Condition or weight noted.

Not recommended, but not contraindicated.

Contraindicated       n/a      Not applicable

No recommendation and no contraindication

\*According to the CDC,<sup>1,3</sup> while some live virus vaccines are not recommended under certain circumstances, inactivated vaccines<sup>6</sup> (e.g. IIV influenza, pertussis) are generally recommended for individuals with compromised immune function. Medically defined conditions that compromise immune function may include but are not limited to recipients of stem cell transplants; cerebrospinal fluid leaks; cochlear implant recipients; phagocytic disorders excluding chronic granulomatous disease; leukemia; lymphoma; Hodgkin disease; generalized malignancy; multiple myeloma; solid organ transplant; and iatrogenic immunosuppression (including long-term systemic corticosteroids and radiation therapy); autoimmune conditions like rheumatoid arthritis; lupus and Guillain Barre Syndrome (GBS) and Severe Combined Immunodeficiency (SCID). Review DHHS source information noted in the footnotes and consult a trusted health care professional to fully understand conditions within the above categories and the administration of each vaccine when these conditions exist.