



LOUISIANA DEPARTMENT OF HEALTH  
OFFICE OF PUBLIC HEALTH  
**IMMUNIZATION SCHEDULE**

2016 through 2017

Depending on the child's age, choose the appropriate initial set of immunizations.

RECOMMENDED SCHEDULE FOR IMMUNIZATION OF INFANTS AND CHILDREN		ACCELERATED SCHEDULE FOR CHILDREN STARTING IMMUNIZATIONS LATE	
AGE		CHILDREN 4 MONTHS TO 7 YEARS OF AGE	CHILDREN 7-18 YEARS OF AGE
Birth	HBV	1st Visit ‡	1st Visit
2 Months <sup>§</sup>	DTaP, Hib, IPV, HBV, PCV <sup>o</sup> , RV	DTaP, Hib*, IPV, MMR, HBV, HAV, Var, Flu, PCV <sup>o</sup>	Tdap, IPV, HBV, MMR, Var
4 Months	DTaP, Hib, IPV, PCV, RV	2nd Visit (4 wks. after the 1st visit)	2nd Visit (4 wks. after the 1st visit)
6 Months	DTaP, Hib, IPV, HBV, PCV, Flu, RV	DTaP, Hib, HBV, IPV, PCV, Flu	Td, IPV, HBV, MMR
12-15 Months	DTaP, Hib, MMR, Var, PCV, HAV	3rd Visit (4 wks. after the 2nd visit)	3rd Visit (6 mos. after the 2nd visit)
18-23 Months	HAV	DTaP, Hib, PCV	Td, IPV, HBV
4 Years Of Age Or Prior To School Entry	DTaP, IPV, MMR, Var	4th Visit (6 mos. after the 3rd visit)	11-12 Years
11-12 Years	Tdap, MCV4, HPV <sup>∞</sup> (VAR, MMR, HBV If needed)	DTaP, Hib, HBV, IPV, PCV, HAV	Tdap, MCV4, HPV <sup>∞</sup> (Var, MMR, HBV, IPV if needed)
16 year	MCV4	4 Years Of Age †	16 Years
		DTaP, IPV, MMR (Var if needed) Or Prior To School Entry	MCV4

**VACCINE ABBREVIATIONS**

**HBV** HEPATITIS B VACCINE, **HAV** HEPATITIS A VACCINE, **DTaP** DIPHTHERIA - TETANUS - ACELLULAR PERTUSSIS VACCINE, **Hib** HAEMOPHILUS INFLUENZA TYPE B VACCINE, **Td** ADULT TYPE TETANUS AND DIPHTHERIA VACCINE, **Tdap** TETANUS AND DIPHTHERIA TOXOIDS AND ACELLULAR PERTUSSIS VACCINE, **IPV** INACTIVATED POLIOVIRUS VACCINE, **RV** ROTAVIRUS VACCINE, **FLU** INFLUENZA VACCINE, **MCV4** MENINGOCOCCAL CONJUGATE VACCINE, **HPV** HUMAN PAPILLOMAVIRUS VACCINE, **MMR** MEASLES - MUMPS - RUBELLA VACCINE, **VAR** VARICELLA VACCINE, **PCV** PNEUMOCOCCAL CONJUGATE VACCINE.

**Individuals with altered immunocompetence, due to disease or medication must be evaluated by a physician prior to vaccination.**

THE SCHEDULE ABOVE AND THE FOLLOWING GUIDELINES ARE SUMMARIES, FOR MORE DETAILED INFORMATION ON EACH VACCINE, REFER TO THE MANUFACTURERS' PRODUCT INSERT OR VISIT THE NATIONAL IMMUNIZATION PROGRAM WEB SITE AT [WWW.CDC.GOV/VACCINES](http://WWW.CDC.GOV/VACCINES) OR CALL THE NATIONAL IMMUNIZATION HOTLINE AT 800-232-2522 (ENGLISH) OR 800-232-0233 (SPANISH).

**HBV** - Unimmunized infants should be given a first dose of Thimerosal-free HBV when first encountered, a second dose a minimum of 1 month later, and a third dose a minimum of 4 months after the first. Children aged 11 through 18 years of age who have not previously received 3 doses of Hepatitis B vaccine should be vaccinated. The 2<sup>nd</sup> dose should be administered at least 1 month after the 1<sup>st</sup> dose, and the 3<sup>rd</sup> dose should be administered at least 4 months after the 1<sup>st</sup> dose and at least 2 mos. after the 2<sup>nd</sup> dose. **The minimum age for dose #3 is 6 months. Hepatitis B vaccine is routinely recommended for all children up to 19 years of age.**

**HAV – Routine** Hepatitis A vaccination is recommended for all children 12 months through 18 years of age. The two doses in the series should be administered at least 6 months apart.

**DTaP** - DTaP vaccine is recommended and can be administered any time after 6 weeks of age. The 4<sup>th</sup> dose of DTaP vaccine should be given at least 6 months after the 3<sup>rd</sup> dose. Pediatric DT (Diphtheria-Tetanus) should be substituted for DTaP when Pertussis vaccine is contraindicated. Persons aged 7 and older who are fully immunized with DtaP should receive a Tdap at 11- 12 years in place of Td booster. Persons aged 7 years and older who are not fully immunized with DTaP vaccine should receive Tdap vaccine as 1 (preferably the first) dose in the catch-up series; if additional doses are needed, use Td vaccine. For children 7 through 10 years who receive a dose of Tdap as part of the catch-up series, an adolescent Tdap vaccine dose at age 11 through 12 years should NOT be administered. Td should be administered instead 10 years after the Tdap dose. Adolescents 13-18 years who missed the 11-12 year Td/Tdap booster should also receive a single dose of Tdap if they completed the recommended childhood DTaP series. No minimum interval required between giving doses of Td and Tdap. Subsequent routine Td boosters are recommended every 10 years.

**Hib** - Hib vaccine can be administered any time DTaP vaccine is given. If PRP-OMP (PedvaxHIB [Merck]) is administered at 2 and 4 mos. of age, a dose at 6 mos. is not required. Children who are 7 months of age or older at the time they receive the 1<sup>st</sup> Hib vaccination should be immunized as follows: 1) Unimmunized infants 7-11 months of age should receive a 3-dose regimen. A first dose should be given now, a second dose 1 month later, and a 3<sup>rd</sup> dose after 12 months of age, at least 2 months after the previous dose. (2) Unimmunized children 12-13 months of age should receive a primary series of one dose and a booster at age 15 months. (3) Unimmunized children 15 months of age or older who have not yet reached their 5<sup>th</sup> birthday should receive 1 dose.

**PCV** - All children should receive a 3 dose primary series and a booster if vaccination begun at ≤ 6 mos. of age; a 2 dose primary series and a booster if vaccination is begun between 7 and 11 months of age; a 2 dose series and no booster if vaccination is begun between 12 and 23 months of age. If vaccination is initiated at ≥ 24 months of age, the child should receive 1 dose of PCV. Children 24 through 59 months of age should receive a single dose of PCV13. Children with underlying medical conditions, a single supplemental PCV13 is recommended following primary series. High risk or presumed high risk for pneumococcal disease should be immunized with Polysaccharide Vaccine (PPSV) depending on the number of doses of PCV that they have received. PCV vaccination is required as part of the Daycare/HeadStart Immunization Requirement for children less than 24 months of age.

**IPV** - For infants, children and adolescents up to 18 years of age, the primary sequential series of IPV consists of four doses. The primary series is administered at 2 months, 4 months, 6-15 months and 4 years of age, or as age appropriate. A minimum of 6 month is required between the last two doses of IPV.

**RV** - Administer the first dose between 6 and 14 weeks, 6days of age. Maximum age for any dose is 8 months. Minimum interval between doses is 4 weeks. Monovalent RV1 is administered at 2 and 4 mos. of age, and then a dose at 6 mos. is not required. Pentavalent RV5 is administered at 2 months, 4 months and 6 – 8 months. If RV brand is unknown a total of three (3) doses are needed.

**HPV** – HPV vaccine is a 2 dose series for ages 9-14 years and a 3 dose series for ages 15-26 years. Administer the first dose of HPV vaccine between 11-12 years. Administer the second dose 6-12 months after the first dose. If the series was started at 15-26 years, then a three dose series is required: Four week minimum interval between dose 1 and dose 2. A minimum interval of 12 weeks required between dose 2 and dose 3. The 3<sup>rd</sup> dose should be given at least 24weeks after the 1<sup>st</sup> dose. Adolescents aged 9-14 years who have already received two doses of HPV vaccine less than 5 months apart, will require a third dose.

**MMR** - Two doses of MMR vaccine after 12 months of age are required with a minimum of 28 days separating them. • If a child has received 2 doses of MMR vaccine after 12 months of age, another dose after the 4<sup>th</sup> birthday is not necessary. • Children 11-18 years of age not previously immunized with MMR should receive two doses. Individuals with one dose of MMR must receive an additional MMR Vaccination. • Students in schools of higher learning must receive 2 doses of MMR prior to registration.

**MCV4** - Meningococcal conjugate vaccine should be administered to all children at age 11-12 years, a booster dose on/after 16 years. The minimum interval between doses of MCV vaccine is 8 weeks. Only one (1) dose is needed if first dose given on or after age 16.

**Var** - All susceptible children who are at least 12 months old through 18 years of age are eligible. Administer the second dose of Varicella at age 4 – 6 years. Varicella Vaccine may be administered prior to 4-6 years, provided that ≥ 3 months have elapsed since the first dose and both doses are administered at ≥ 12 months. Susceptible persons aged ≥ 12 years should receive two doses at least 1 month apart. Parental history of having had chickenpox is acceptable. Physician documentation is not necessary at this time.

**Flu - Routine annual influenza vaccination is recommended for all children 6 mos – 18 years.** Two doses administered at least 1 month apart are recommended for children aged 6 mos – 8 yrs who are receiving the influenza vaccine for the 1<sup>st</sup> time, as well as, those who only received 1 dose in their previous year of vaccination, if applicable.

§ • DTaP, IPV, HBV, PCV, RV and Hib can be administered as early as 6 weeks of age and simultaneously.

† • **LOUISIANA STATE LAW** requires prior to school entry: 2 doses of MMR, 3 Hepatitis B, 2 Varicella and booster doses of DTaP and Polio vaccines on or after the 4<sup>th</sup> birthday and prior to school entry. A preschool dose is not necessary if the 4<sup>th</sup> dose of DTaP and the 3<sup>rd</sup> dose of IPV (provided it is administered at least 6 months after dose 2) are administered after the 4<sup>th</sup> birthday. Sixth graders (11 -12 years of age) are required: 1 Tdap, 2 VAR, 2MMR, 3 HBV, 1 MCV. Entry for institutions of higher learning requires 2 doses of MMR, 1 Td/Tdap and 2 doses of MCV4 OR 1 dose, if first dose was given on or after age 16.

‡ • Depending on the child's age, choose the appropriate initial set of immunizations. Sometimes a scheduled dose of vaccine may not be given on time. If this occurs, the dose should be given at the next visit. It is not necessary to restart the series of any vaccine due to extended intervals between doses.

\* • see Hib section      ∞ • see HPV section      ◇ • see PCV section

Adolescents and post adolescents (11-18 yrs.) should be vaccinated with a second dose of MMR, Varicella (if no history of disease) and Hepatitis B if no history of previous vaccination.

**Four Day Grace Period:** All vaccine doses administered less than or equal to four days before the required minimum interval or age shall be considered valid doses when evaluating a student record for compliance with immunization requirements for schools and child care entry. The Advisory Committee on Immunization Practices (ACIP) continues to recommend that vaccine doses not be given at intervals less than the minimum intervals or earlier than the minimum age.