



# MADISON COUNTY HEALTH DEPARTMENT

*To protect, promote and improve the health of our community.*

216 BOGGS LANE • PO BOX 1208 • RICHMOND, KY 40476-1208  
(859) 623-7312 • (859) 623-5910 FAX

## **Updated Child Day Care and School Immunization Requirements**

New requirements for Kentucky children entering child day care, Head Start programs, public and private preschool programs and public and private elementary and secondary schools were approved in February 2011, and can be found online at <http://www.lrc.ky.gov/kar/902/002/060.htm>. The effective date for these regulatory changes is July 1, 2011. Any immunization certificate presented on or after July 1, 2011, for a child entering child day care, preschool, Head Start, kindergarten or sixth grade should comply with the new requirements.

Since the requirements had not been revised since 2002, several updates were made, in order to assure improved vaccine coverage for children in these settings. The following is a summary of the changes.

### Newly Required Vaccinations

- Pneumococcal conjugate vaccine (PCV)
  - Age appropriate immunization with PCV is required for children up to five years of age. Children aged five years or older are not required to receive PCV, as it is not licensed for healthy children in that age range.
- Meningococcal conjugate vaccine (MCV)
  - One dose of meningococcal vaccine for sixth grade entry, 11 or 12 years or older, is required.
  - The use of meningococcal conjugate vaccine is preferred, but meningococcal polysaccharide vaccine (MPSV) may be used if the conjugate vaccine is unavailable.
- Tetanus-diphtheria-acellular pertussis vaccine (Tdap)
  - One dose of Tdap regardless of interval since last dose of tetanus-containing vaccine is required for students at sixth grade entry, 11 or 12 years or older, with option for Td for individuals who cannot receive pertussis containing vaccines.

### Changes in Varicella Immunization and Documentation Requirements

- Additional dose of varicella vaccine
  - A second dose of varicella vaccine, or proof of disease, is required for children at least 48 months of age and less than 5 years of age *and* for children entering the 6<sup>th</sup> grade, 11-12 years of age or older, if these children have not already been vaccinated with two doses of varicella.
- More stringent documentation of varicella or herpes zoster disease
  - In lieu of immunization against varicella, the immunization certificate now requires that proof of disease be in the form of verification of a history of varicella or herpes zoster infection by a healthcare provider

### Changes that Allow Greater Flexibility in Vaccine Administration

- Flexibility in use of different brands of *Haemophilus influenzae* type b (Hib) vaccine
  - Children at least 5 months and less than 7 months of age are now required to have two doses of Hib vaccine instead of three. Some brands of Hib vaccine or combination Hib-containing vaccines permit doses at 2 months and 4 months, but do not require a dose at 6 months as described in the 2011 Advisory Committee on Immunization Practices (ACIP) recommended schedule. This amendment gives providers more flexibility in choosing Hib-containing vaccine brands for their practices.
- Flexibility in timing of Hepatitis B vaccination
  - The third dose of hepatitis B vaccine is now required for children at least 19 and less than 48 months of age. This amendment allows providers the flexibility to administer the third dose of hepatitis B vaccine as late as 18 months of age while maintaining compliance with requirements for child day care entry. This timing is in compliance with 2011 ACIP recommendations for hepatitis B vaccine administration.

#### Other changes

- Polio (IPV) vaccine
  - The final dose of IPV vaccine should be administered at age four years or older regardless of the number of previous doses and the minimum interval between this final dose and the previous dose should be at least six months.
- Measles-mumps-rubella (MMR) vaccine
  - Since MMR is the only measles-containing vaccine licensed in this country, the language for age appropriate vaccination against measles with a “measles-containing vaccine” was replaced with language requiring a second dose of MMR.

Providers should particularly focus immunization efforts through the fall of 2011 on immunizations for school age children, especially those children entering kindergarten and sixth grade, in order to meet the new school entry requirements. However, immunization records should be reviewed at every patient encounter, and age appropriate immunizations should be administered at any visit unless medically contraindicated.

Updated immunization certificates are available at the Kentucky Department for Education Website at: <http://www.education.ky.gov/KDE/Administrative+Resources/Coordinated+School+Health/Health+Services/School+Health+Forms.htm> or by contacting the Kentucky Immunization Program at 502-564-4478.

**Summary of Immunization Requirements for School, Daycare & Head Start**  
**(Refer to 902 KAR 2:060 effective July 1, 2011, for details on exceptions and exemptions)**

If a child is this age	These immunizations are required for attendance
<3 months	None
≥3 - <5 months	1 DTaP or DTP; 1 IPV or OPV; 1 Hib; 1 Hep B; 1 PCV
≥5 - <7 months	2 DTaP or DTP, or combination of the two; 2 IPV or OPV, or combination of the two; 2 Hib; 2 Hep B; 2 PCV
≥7 - <12 months	3 DTaP or DTP, or combination of the two; 2 OPV or IPV, or combination of the two; 2 Hib <sup>1</sup> ; 2 Hep B; 3 PCV*
≥12 - <16 months	3 DTaP or DTP, or combination of the two; 2 OPV or IPV, or combination of the two; 3 Hib <sup>1,2</sup> ; 2 Hep B; 4 PCV*
≥16 - <19 months	4 DTaP or DTP, or a combination of the two; 2 OPV or IPV, or a combination of the two; 4 Hib <sup>1,2</sup> ; 2 Hep B; 4 PCV* <sup>3</sup> ; 1 MMR; 1 Varicella
≥19 - 48 months	4 DTaP or DTP, or a combination of the two; 3 OPV or IPV, or a combination of the two; 4 Hib <sup>1,2</sup> ; 3 Hep B; 4 PCV* <sup>8</sup> ; 1MMR; 1 Varicella <sup>4</sup> ;
≥48 months - <5 years	4 DTaP or DTP, or a combination of the two; 3 OPV or IPV, or a combination of the two; 4 Hib <sup>1,2</sup> ; 3 Hep B; 4 PCV* <sup>3</sup> ; 2 MMR; 2 Varicella <sup>4</sup>
≥ 5 years - <7 years	5 DTaP or DTP <sup>5</sup> , or a combination of the two; 4 OPV or IPV <sup>6</sup> , or a combination of the two; 3 Hep B; 2 MMR; 2 Varicella <sup>4</sup>
≥7 years - <11 years	5 DTaP or DTP <sup>5</sup> , or combination of the two; OR 1 dose of Td that was preceded by (2) doses DTaP, DTP,DT Td or combination of the (4) vaccines; 4 OPV or IPV <sup>6</sup> , or combinations of the two; 3 HepB; 2 MMR; 2 Varicella
At 6 <sup>th</sup> grade entry	1 Tdap; 4 IPV or OPV or combinations of the 2 vaccines; 3 Hep B <sup>7</sup> ; 2 MMR; 2 Varicella; 1 MCV or MPSV.
≥10 years since last DTaP, DTP or Td	1 Tdap if no previous dose of Tdap has been administered. Otherwise, give one dose of Td.

**Notes:**

1. If first two doses of Hib vaccine were meningococcal protein conjugate, the third dose may be omitted and the child shall be considered as having received three (3) doses.
  2. If Hib vaccine has been administered on or after 15 months of age, the child is not required to have further doses.
  3. One dose of PCV vaccine must be administered on or after 12 months of age.
  4. Unless a healthcare provider states that the child has had chickenpox disease.
  5. If the 4<sup>th</sup> dose of DT, DTP or DTaP was administered on or after the fourth birthday, the fifth dose shall not be required.
  6. If the 3<sup>rd</sup> dose of IPV or OPV was administered on or after the fourth birthday, the fourth dose shall not be required if at least 6 months preceded the previous dose.
  7. Children 11-15 years of age may receive an alternate two-dose series consisting of two 10 mcg doses of Merck's RecombivaxHB separated by 4-6 months.
  8. If (1) dose of PCV has been administered on or after 24 months of age the child is not required to have further doses.
- \*A child who receives the first dose of PCV vaccine between 7 to 11 months of age may need fewer doses to complete the series. Refer to 902 KAR 2:060 and the ACIP Recommended Immunization Schedule for details.