

OKLAHOMA IMMUNIZATION UPDATE

JANUARY 2016

Important News about the NEW Oklahoma State Immunization Information System Click here:

https://www.ok.gov/health2/documents/IMM_OSIS_2016JAN_Dear%20Provider%20Letter.pdf

Congratulations to Weatherford Regional Hospital

Weatherford Regional Hospital has been added to the Immunization Action Coalition's (IAC's) Hepatitis B Birth Dose Honor Roll with a HepB birth dose coverage rate of 98%! This is the 5th institution to apply and qualify from Oklahoma.

The Birth Dose Honor Roll recognizes hospitals and birthing centers that report a coverage rate of 90% or greater for the HepB birth dose (including infants whose parents refuse vaccination) and have implemented written policies to protect all newborns from hepatitis B virus infection prior to hospital discharge. The honor roll is described at www.immunize.org/honor-roll/birthdose.

LeFlore County Health Department Uses Quality Improvement Process to Increase Coverage Level of 4th DTaP

LeFlore County Health Department used the Plan Do Check Act (PDCA) strategy to increase the percentage of children served by the county health department who are up-to-date on the childhood series of vaccines. The PDCA strategy is a systematic series of steps for continual improvement of a product or process.

Immunization rates for LeFlore County have increased over the last 5 years but the 4th DTaP rate remained low at 82%. Low DTaP levels held down the overall level of children who completed the primary series at 82%. The primary series consists of 4 DTaP, 3 polio, 1 MMR, 3 or 4 doses of Hib, 3 doses of HepB, 1 dose of varicella, and 4 doses of PCV.

To increase rates the staff assembled a team that examined the current approach and potential solutions. All health department staff worked to implement the solutions. Some of the strategies employed were: monitoring missed opportunities monthly, using a simple tool that was developed to determine how many of the missed opportunities were for the 4th DTaP, and mailing reminder cards to parents.



The NEW Oklahoma State Immunization Information System is coming in 2016.

Visit the OSDH Immunization Service Website for OSIIS training, information, and updates.

The new OSIIS requires Internet Explorer version 11. [Click here](#) to update now!

These efforts resulted not only in an increase of the 4th DTaP coverage rate but also an increase in overall immunization rates. For more information on this project view the Quality Improvement Storyboard here:

https://www.ok.gov/health2/documents/IMM_Update_Supplement_LefloreCHD_QI%20Project.pdf.

Coverage rates for the 4th dose of DTaP due at 15 through 18 months of age have long been recognized as a barrier to increasing immunization levels nationwide and on local and state levels. While the coverage rate for MMR is 92% in Oklahoma the coverage rate for the 4th DTaP is only 80.4% for children 19 through 35 months of age. Oklahoma's current childhood rates as measured by the National Immunization Survey illustrate the problem of low rates for the vaccines due in the 2nd year of life (see table below).

Vaccine Series	2014 Oklahoma Coverage Levels
4 DTaP	80.4 (±7.2)
3 + Polio	93.6 (±4.7)
1 + MMR	92.0 (±5.4)
Full Series of Hib	84.0 (±6.6)
3 + HepB	94.7 (±4.2)
1 + Varicella	92.2 (±5.1)
4 + PCV	83.4 (±6.6)

HPV Vaccine is Cancer Prevention

HPV vaccine protects against HPV types that most commonly cause anal, cervical, oropharyngeal, penile, vaginal, and vulvar cancers. Every year in the U.S. 27,000 people get cancer caused by HPV. Don't miss your chance to prevent cancer. Make a strong recommendation for the HPV vaccine for all boys and girls at age 11-12.

For guidance on how to have an effective conversation with parents about vaccinating their children against HPV participate in one of these free continuing education courses offered by CDC and Medscape:

<http://www.cdc.gov/hpv/hcp/continuing-ed.html>.

HPV Education Program Available with Free Continuing Education Credit for Physicians, Nurses, and Pharmacists

CDC and the National Area Health Education Center Organization have developed an online self-study program on HPV vaccination for healthcare professionals. Watching "You Are the Key to HPV Cancer Prevention: Understanding the Burden of HPV Disease, the Importance of the HPV Vaccine Recommendation, and Communicating about HPV Vaccination" can provide free continuing education credit as follows:

- 1.5 ACCME credit hours for physicians
- 1.4 ANCC contact hours for nurses
- 1.4 contact hours for pharmacists

To access this course, go to <http://nationalahec.org/> and click on the "FREE CE OPPORTUNITY" button.