

miniupdate

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TO: Medical Directors, Community-Based Clinics
Directors, Medical Residency Programs
Directors, Nursing Schools
Interested Others

April 6, 2007

FROM: Howard Backer, MD, MPH, Chief
Immunization Branch



Below for your information and reference is an abbreviated copy of the Immunization Branch's bimonthly UPDATE memorandum. The edited version contains medical and technical information on immunization and vaccines. We hope it is helpful. If you have questions on immunizations, please contact the Immunization Coordinator at your local health department.



New VMBIP Pilots in California

We are excited to announce that the Vaccine Management Business Improvement Project (VMBIP) is now open for business! California is the largest of the first five jurisdictions selected by CDC to initiate this project. Under VMBIP, a centralized national distributor, currently McKesson Specialty, Ltd., is shipping vaccine directly to all public and private California VFC Program providers, eliminating the CDHS vaccine depot as an intermediary. Moreover, the distributor is shipping VFC vaccine directly to clinics and providers that were previously supplied by local health departments.

The VFC Program recently notified participating providers that McKesson Specialty has replaced CDHS' prior distributor GIV. A copy of this letter is available at www.vfcca.org, under "VFC Letters".

All VFC orders from providers and clinics are reviewed by the California VFC Program before they are forwarded to the national distributor. Vaccine should be delivered 10–14 days after orders are submitted. As a future improvement in VMBIP, providers should be able to order vaccine electronically. For additional information on VMBIP, please contact the VFC Program Office at: 877-243-8832.

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DISEASE ACTIVITY AND SURVEILLANCE

The Surveillance data reviewed in this section are reported in Table 1 at the bottom of this page.

Pertussis: Seventeen cases of pertussis with onset through February 2007 were reported in California, resulting in an annualized incidence rate of 0.28 cases per 100,000 population. Two cases (12%) were infants less than 12 months old and four (24%) were 10-17 years old, and therefore eligible for the new adolescent Tdap vaccine. Race/ethnicity was specified for eight out of 17 cases. Of these, three cases were white, non-Hispanic, three were Hispanic and two were Asian/Pacific Islander. Two pertussis-related deaths were reported in Los Angeles and Fresno Counties. The cases were 6 weeks and 10 weeks old. These cases are being investigated by local health departments.

Mumps: Seven possible cases of mumps with onset through February 2007 were reported in California. Four cases are being investigated by local health departments, two were reported as probable cases, and one was epidemiologically linked to a confirmed case in Colorado.

Hepatitis A: Fifty-four cases of hepatitis A with onset through February 2007 were reported in California, resulting in an annualized incidence rate of 0.88 cases per 100,000 population. Most of the cases (76%) were adults. Race/ethnicity was specified for 39 out of 54 cases. Of these, 19 (49%) were Hispanic, 16 (41%) cases were white, non-

Hispanic, 2 (5%) were Asian/Pacific Islander, 1 case (3%) was black, non-Hispanic and 1 case (3%) was of other race/ethnicity.

Hepatitis B: Twenty-four cases of hepatitis B with onset through February 2007 were reported in California resulting in an annualized incidence rate of 0.39 cases per 100,000 population. All reported cases were adults. Race/ethnicity was specified for 19 out of 24 cases. Of these, 12 (63%) cases were white, non-Hispanic, 6 (3%) were Hispanic and 1 case (5%) was Asian/Pacific Islander.

Other VPDs: As of February 28, 2007, for this report year, no confirmed cases of diphtheria, invasive *Haemophilus influenzae* type B, measles, polio, rubella, congenital rubella syndrome (CRS) or tetanus have been reported to the Immunization Branch.

ASSESSMENT ACTIVITY

Childcare and School Fact Sheet Updated for 2006

Our "Childcare and School Fact Sheet." This fact sheet shows the percentage of students who met immunization requirements in 2006. The fact Sheet is available online at www.dhs.ca.gov/ps/dcdc/izgroup/shared/levels.htm

More on page 3...

Table 1: Reported Cases with Onset in 2007 (by Age Group) and Incidence of Selected Vaccine Preventable Diseases California, 2007 (Provisional - as of 2/28/2007)

| DISEASE | Age Groups | | | | All Ages | |
|--|------------|---------|--------|---------|----------|-------------------|
| | 0-4yrs | 5-17yrs | 18+yrs | Unknown | Cases | Rate ¹ |
| Congenital Rubella Syndrome | 0 | 0 | 0 | 0 | 0 | 0.00 |
| Diphtheria | 0 | 0 | 0 | 0 | 0 | 0.00 |
| <i>H. influenzae</i> , type B (Hib) ² | 0 | 0 | 0 | 0 | 0 | 0.00 |
| Hepatitis A | 2 | 11 | 41 | 0 | 54 | 0.88 |
| Hepatitis B | 0 | 0 | 24 | 0 | 24 | 0.39 |
| Measles ³ | 0 | 0 | 0 | 0 | 0 | 0.00 |
| Mumps ³ | 0 | 0 | 1 | 0 | 1 | 0.02 |
| Polio | 0 | 0 | 0 | 0 | 0 | 0.00 |
| Pertussis | 4 | 7 | 6 | 0 | 17 | 0.28 |
| Rubella ³ | 0 | 0 | 0 | 0 | 0 | 0.00 |
| Tetanus | 0 | 0 | 0 | 0 | 0 | 0.00 |

1. Annualized incidence Rate = cases/100,000 population. Population estimates source: California Department of Finance projections based on the 2000 Census

2. *H. influenzae* is reportable only for cases ≤ 30 years of age

3. Confirmed cases only

Prepared by California Department of Health Services, Immunization Branch

IMMUNIZATION SERVICES

Immunization Legislation Updates

In 2007, the California Legislature will deliberate upon several bills about immunizations. These include:

Assembly Bills (AB)

- AB 16 (Hernandez) would require HPV vaccination for all girls at a specific middle school checkpoint.
- AB 106 (Berg) would require acute care hospitals to offer inpatients influenza and pneumococcal immunizations upon discharge.
- AB 1429 (Evans) would mandate coverage for HPV vaccination in every individual or group health care service plan contract.

Senate Bills (SB)

- SB 147 (Ashburn) would appropriate \$1,000,000 to fund ongoing research into a vaccine against Valley Fever.
- SB 533 (Yee) would require pneumococcal vaccine for entry into licensed child care or family day care.
- SB 676 (Ridley-Thomas) would require vaccination against pertussis for all students entering 7th grade. This bill is sponsored by the California Coalition for Childhood Immunization.

State legislation status, history and language are available at www.leginfo.ca.gov/bilinfo.html.

A national summary of legislation on HPV immunization is available at www.ncsl.org/programs/health/HPVvaccine.htm.

Recommended Second Dose of Varicella IZ

The 2007 ACIP immunization schedule recommends a second dose of varicella immunization for all children, typically at 4 to 6 years of age. The minimum interval for this second dose is at least 3 months for children between the ages of 1 and 12 years, and 28 days for persons 13 years and older. For more information on the new recommendation please visit www.cdc.gov/nip/vaccine/varicella/varicella_acip_recs_prov_june_2006.pdf.

VACCINE RISKS AND BENEFITS

New Fact Sheet on HPV Vaccine!

"The HPV Vaccine: What Health Care Providers Need to Know" (IMM-869) is a new fact sheet that is now available for providers who are administering, or planning to administer the HPV vaccine. The fact sheet uses a Q&A approach to answering questions clinicians may have about the vaccine. It was developed by the CDHS

Immunization Branch in cooperation with other CDHS programs, particularly the Sexually Transmitted Diseases Control Branch. An electronic copy is available online at www.HPVvaccineCA.org, under health care providers. A copy is enclosed in this MINI UPDATE. Providers can order copies through their local health departments (contact information found on www.GetImmunizedCa.org).

VACCINES FOR CHILDREN (VFC) PROGRAM

2006 LHD and CHC Immunization Coverage Assessment Results

The 2006 statewide public clinic assessment included 132 local health department clinics and 193 community health centers (CHCs). To measure the immunization status of children served by these clinics, local staff collected immunization records from all two-year-olds attending the clinics ($n=34,410$) and entered them into CDC's Clinic Assessment Software Application (CASA). Statewide coverage levels for both health department clinics (65.8%, $\pm 0.74\%$) and CHCs (76.1%, $\pm 0.61\%$) decreased by 4 percentage points and 2 percentage points respectively since last year's assessments. Table 2 (shown on next page) shows statewide assessment results over the past fourteen years.

Recent VFC Mailings

As mentioned in the lead story, technical assistance memorandum sent to participating VFC providers focused on the launch of the new Vaccine Management Business Improvement Project (VMBIP). For copies of this memorandum, visit www.vfcca.org or call the VFC program office at (877) 243-8832.

PROFESSIONAL INFORMATION AND EDUCATION

Save the Date! Immunization Update 2007

Be sure to mark your calendars for CDC's annual Immunization Update, satellite broadcast. The program will first air on Thursday, August 9, 6:00-8:30 a.m. PT, and will be rebroadcast at 9:00-11:30 a.m. PT.

This live satellite broadcast and webcast highlights current and late-breaking immunization issues. The target audience includes physicians, nurses, allied health care professionals, DoD paraprofessionals, pharmacists, health educators, and medical students. Continuing education credits will be available for a variety of professions. More information is available at www2a.cdc.gov/PHTN/calendar.asp.

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2007 California Adult IZ Summit

The California Adult Immunization Coalition (CAIC) will host its 7th annual Summit on Monday, April 30 at the California Endowment's Center for Healthy Communities in downtown Los Angeles. The full-day event will feature presentations and discussions on adult immunization issues and practices. Representatives from public and private sector health organizations involved with or interested in learning are invited to attend. Registration information is available on the CAIC website, www.immunizecaadults.org. A copy of the Summit brochure is attached in this MINI UPDATE.

Yellow Card Updated

We're pleased to announce that the California Immunization Record aka "yellow card" (IMM-75) has been updated to include newly recommended vaccines such as HPV and Rotavirus. The information has been rearranged to list pediatric vaccines on one side and most adolescent and adult vaccines on other side.

The previous version of this form can still be used and we will deplete our existing stock before filling orders with the new version. Providers can order these forms from their local health department.

PUBLIC INFORMATION AND EDUCATION

May is Hepatitis Awareness Month!

The CDC estimates that each year in the U.S., approximately 61,000 new infections occur from hepatitis A virus (HAV), another 73,000 infections are caused by the hepatitis B virus (HBV), and 30,000 more are due to the hepatitis C virus (HCV). Effective interventions, such as HAV and HBV immunization, can help prevent and control viral hepatitis and protect personal and community health.

CDHS Immunization Branch, in collaboration with both the Infectious Diseases and Sexually Transmitted Disease Control Branches and the Office of AIDS, is sponsoring a one-year project to provide HAV and HBV vaccine to organizations serving adults who are high-risk for HBV infection. For more information on this project, please contact Steve Nickell at (510) 620-3780 or SNickell@dhs.ca.gov.

Tdap Suite of Materials

We are pleased to announce that a suite of materials is now available to promote use of the Tdap vaccine for adults and adolescents. The first two items below target

Table 2: Local Health Department and Community Health Center Clinics Record Assessment Results—Percentages of Patients Receiving Specified Immunization Series by Age 24 Months, 1993-2006

| Year | Local Health Department Clinics | | | Community Health Center Clinics | | |
|------|---------------------------------|------------------------------|---------------------------------|---------------------------------|------------------|------------------|
| | 4:3:1 Series [*] | 4:3:1:3 Series ^{**} | 4:3:1:3:3 Series ^{***} | 4:3:1 Series | 4:3:1:3 Series | 4:3:1:3:3 Series |
| 2006 | 68% | 67% [*] | 66% [*] | 78% | 75% [*] | 74% [*] |
| 2005 | 72% [†] | 71% [†] | 70% | 78% | 77% | 76% |
| 2004 | 70% | 69% | 68% | 76% | 74% | 73% |
| 2003 | 67% | 66% | 65% | 73% [†] | 72% [†] | 71% |
| 2002 | 67% | 65% | 63% | 74% | 72% | 70% |
| 2001 | 63% | 60% | 58% | 72% | 70% | 68% |
| 2000 | 59% | 56% | 54% | 68% | 66% | 65% |
| 1999 | 57% | 54% | 52% | 68% | 66% | 63% |
| 1998 | 53% | 50% | 48% | 67% | 65% | 62% |
| 1997 | 55% | 51% | 47% | 62% | 60% | 56% |
| 1996 | 40% | 37% | 30% | 46% | 45% | 36% |
| 1995 | 34% | 32% | n/a | 45% | 43% | n/a |
| 1994 | 37% | n/a | n/a | 42% | n/a | n/a |
| 1993 | 35% | n/a | n/a | n/a | n/a | n/a |

^{*} 4 DTP/DTaP/DT, 3 Polio, 1 MMR

^{**} 4 DTP/DTaP/DT, 3 Polio, 1 MMR, 3 Hib

^{***} 4 DTP/DTaP/DT, 3 Polio, 1 MMR, 3 Hib, 3 Hep B

[†] Due to technical difficulties, some clinics (n=8) were unable to submit coverage data for the 4:3:1 and 4:3:1:3 series.

[‡] Due to technical difficulties, one clinic was unable to submit coverage data for the 4:3:1 and 4:3:1:3 series.

^{*} Due to technical difficulties, Six CHC clinics and 1 LHD were not able to generate coverage data for 4:3:1:3, 4:3:1:3:3. The coverage data for these clinics were not included in the sample for calculating the state coverage levels.

Source: Immunization Branch, LHD and CHC Clinic Assessment, 2006
Prepared by California Department of Health Services, Immunization Branch

grandparents under 65 years of age and parents, and the next three pieces are for health care providers. Check out the following titles to help with Tdap informing and pertussis prevention in your local communities:

- “Grandparents: Protect yourself and your grandbaby from whooping cough!” flyer (IMM-843)
- “Parents: Protect yourself and your children from whooping cough!” flyer (IMM-847)
- “Check Your Vials” flyer (IMM-508)
- “Tetanus Prophylaxis in Wound Management” flyer (IMM-154)
- “If you work in a health care setting...It’s time for your Tetanus Booster” flyer (IMM-846)

All of the above materials can be downloaded from www.GetImmunizedCa.org.

Before Graduation Caps Come Off, Vaccinate!

The end of the school year is just around the corner. Before graduation plans begin, we want make sure that our students vaccinate before they graduate! The Immunization Branch’s statewide informing campaign, Vaccinate Before You Graduate, is a collaboration with the California School Nurses Organization (CSNO). Last year’s efforts primarily targeted graduating high school seniors. This year, we will be updating our high school flyer as well as creating one for graduating 8th graders. Flyers to graduating students and notices to parents will all be available in English and Spanish at www.csno.org. These are great pieces to distribute along with report cards, other notices to parents, graduation packets (gown and cap orders, class ring, etc) or at parent/ teacher conferences and school health clinics or fairs. For more information on this campaign and collateral materials, please contact Rebeca Boyte at RBoyte@dhs.ca.gov.

PANDEMIC AND BT PREPAREDNESS

Pan Flu Preparedness for Schools Training Debuts New CDC Guidance

We are pleased to announce that the upcoming May 17 training program, “Pandemic Influenza Preparedness for Schools” (see flyer attached in this MINI UPDATE) will contain the most current guidance from the Centers for Disease Control and Prevention (CDC) to help reduce the spread of a pandemic influenza.

California’s multi-media training includes a satellite broadcast featuring Immunization Branch Chief Dr. Howard Backer, State Superintendent of Schools, Jack O’Connell, and other experts from State and local agencies and school districts. Following the broadcast, local health departments will have the opportunity to work

with decision-makers from local school districts on a tabletop exercise focusing on a school closure.

For more information about the training, go to www.ReadyCaSchools.org or email Kerdlyn Henry at KHenry2@dhs.ca.gov.

IZ COALITION ACTIVITIES

Register Today for the C3I’s May 10 Conference

C3I’s annual conference and luncheon, “Reaching New Audiences: Tweens and Teens” focuses on adolescent immunization issues. The meeting will be held at the Mission Valley DoubleTree Hotel in beautiful San Diego. The conference is co-sponsored by San Diego’s Immunization Coalition, I-3. Its theme is social marketing and youth culture. The keynote speaker, Susan D. Kirby, Dr. PH, MPH will lead a hands-on session to help attendees identify marketing strategies that focus on adolescent girls and boys. Other featured speakers are Dr. David Grant, who will share demographic trends; and Dr. John Fontanesi, who will speak about his research for CDC on alternative access to health care.

Don’t miss this valuable opportunity! Registration is \$20 and helps C3I provide an efficient communications and support structure for immunization advocates across the state. Register online before May 3 at the San Diego Immunization Information website at www.immunization-sd.org/eng/c3i-event.html. For more information contact Catherine Martin, C3I Executive Director, at (916) 447-7063 ext. 333 or CMartin@communitycouncil.org.

Are You Ready to Celebrate NIIW/TIM 2007?

Coalitions and local health departments across California are gearing up to celebrate National Infant Immunization Week (April 21-18) and Toddler Immunization Month (May) with this year’s theme “Up to Date? Celebrate!” There are currently more than 35 organizations throughout the state participating in the effort to raise awareness about the importance of infant and toddler immunizations. Participating coalitions and health departments are organizing all kinds of activities, including health fairs, mailings, media events, and provider acknowledgement events, just to name a few. Please visit the C3I website www.immunizeca.org for campaign updates and materials. For additional information, contact Jana Stone at JStone2@dhs.ca.gov.

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Boomer Bikers!

Are you ready for a Boomer Biker Immunization Ride in your town? The California Adult Immunization Coalition (CAIC) has developed a suite of materials to help you coordinate a fun and inexpensive media event about adult immunizations. On the CAIC's website, www.immunizecaadults.org/bbiz/BBIZ.asp, you will find implementation tips, template plans and press releases - as well as "ready for the vendor" files to make t-shirts and banners. But start planning early, as the bikers are popular and everybody wants to work with them (see flyer attached in this MINI UPDATE).

Californian's Boomer Biker event was recently featured as a best practice on the website of the National Immunization Coalitions Technical Assistance Network. For more information, go to www.izta.org.

MISCELLANEOUS

Dr. Horton is Appointed New DPH Director

On April 2, Governor Schwarzenegger announced that State Public Health Officer, Mark Horton, MD, will serve as the Director of the new California Department of Public Health (DPH). The new DPH was created, pursuant to SB162 last year, and signed by the Governor. Beginning July 1, the new DPH will house current Prevention Services programs including the Immunization Branch. Dr. Horton brings to this position 30 years of pediatric and public health experience. In the past two years as State Public Health Officer, Dr. Horton has been a great advocate for immunization and respiratory disease prevention. He appeared at State media events and has issued press releases promoting flu shots and other immunizations. We congratulate Dr. Horton and look forward to his stewardship over the new DPH.