



Charlie Crist
Governor

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Secretary of Health

INTEROFFICE MEMORANDUM

DATE: May 22, 2007
TO: County Health Department Directors/Administrators
FROM: Bonita J. Sorensen, M.D., M.B.A.
Deputy State Health Officer
SUBJECT: Kindergarten and Seventh Grade Validation Assessment
School Year 2006-2007

FOR INFORMATION ONLY

In October of each year, all public and private schools submit reports regarding the immunization status of their kindergarten and seventh grade students, as required by section 1003.22(8), *Florida Statutes*. County health departments (CHDs) and Department of Education staff compile and send this information to the Bureau of Immunization (BOI) for tabulation. In March, CHDs receive the results in the annual Kindergarten and Seventh Grade Immunization Status Report. The immunization field staff conduct an annual validation assessment of kindergarten and seventh grade students to evaluate the accuracy of the status report results and to determine if any improvement in immunization levels occurred since the initial assessment. This report addresses the findings of the validation assessment.

Method:

The BOI randomly selected 60 schools with a kindergarten and 84 schools with a seventh grade. The immunization field staff then audited 600 kindergarten student records and 839 seventh grade student records in both the public and private sectors. Attachment 1 depicts the comparison between the findings of the validation assessment and the status assessment conducted by the schools, as well as other comparisons. Attachment 2 shows vaccine-specific immunization levels and percent of proper documentation.

Results:

- The validation assessment revealed that 96.3% of kindergarten students were fully immunized, which is a higher percentage than the 94.6% reported in the Kindergarten and Seventh Grade Status Report for all kindergarten students in Florida.
- The validation assessment revealed that 94.4% of seventh grade students were fully immunized, which is a 1.7% improvement over the 92.7% reported in the Kindergarten and Seventh Grade Status Report for all seventh grade students in Florida.
- The validation audit also showed 3.6% of students in kindergarten and 5.6% of students in seventh grade had improper documentation or no documentation of immunizations.

Concerns:

Section 1003.22, *Florida Statutes*, offers no provision for students to attend school without proper documentation of immunizations. However, the validation assessment reveals that 3.6% of kindergarten students and 5.6% of seventh grade students attend school without proper immunization documentation. CHDs should work closely with schools to exclude and refer these students for needed immunizations and/or documentation before they return to school. In most instances, compliance with the requirement is readily obtained when students are excluded from school.

The validation assessment shows 0.4% of students in kindergarten and 0.2% of students in seventh grade have temporary medical exemptions and require follow-up. This is an improvement over past years. CHDs should work with public and private schools to ensure they maintain adequate follow-up or tracking methods for students holding temporary medical exemptions.

In conclusion, parents, healthcare providers, school health staff, and CHDs must prioritize completion of the Hepatitis B series and the other vaccines prior to entry into kindergarten and seventh grade to guarantee adequate immunization and protection of students. CHDs should work with local community partners to promote implementation of the *Standards for Pediatric Immunization Practices* and use of the latest Recommended Childhood Immunization Schedule approved by the Advisory Committee on Immunization Practices, American Academy of Pediatrics, the American Academy of Family Physicians, and by all health professionals involved in the immunization of children.

If you have any questions, please call Miss Emily A. Fogarty in the Bureau of Immunization at (850) 245-4342 or SUNCOM 205-4342, extension 2395.

BJS/cha/eaf
Attachments

cc: Bambi J. Lockman, Chief
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**IMMUNIZATION STATUS OF KINDERGARTEN AND SEVENTH GRADE STUDENTS
COMPARISON OF ANNUAL IMMUNIZATION ASSESSMENT AND VALIDATION
FLORIDA 2006-2007**

	KINDERGARTEN		SEVENTH GRADE	
	ASSESSMENT	VALIDATION	ASSESSMENT	VALIDATION
SURVEY ENROLLMENT	226,536	600	216,892	839
PERCENT FULLY IMMUNIZED*	94.6	96.3 \pm 2.1	92.7	94.4 \pm 2.1
PERCENT TEMPORARY MEDICAL EXEMPTIONS	3.1	0.4 \pm 0.7	4.1	0.2 \pm 0.4
PERCENT PERMANENT MEDICAL EXEMPTIONS	0.2	0.1 \pm 0.1	0.2	0.4 \pm 0.6
PERCENT RELIGIOUS EXEMPTIONS	0.6	1.2 \pm 1.3	0.4	0.8 \pm 0.8
PERCENT 30-DAY EXEMPTIONS	1.3	0.0 \pm 0.0	0.5	0.0 \pm 0.0
PERCENT WITH IMPROPER OR NO IMMUNIZATION RECORDS	0.3	3.6 \pm 2.2	2.1	5.6 \pm 2.2

*For Kindergarten - 5 DTaP, 4 polio, 2 doses of measles, 1 mumps, 1 rubella (preferably 2 MMR) 3 hepatitis B, 1 varicella (or 4 DTaP, 3 polio, 2 measles, 1 mumps, 1 rubella, 3 hepatitis B, 1 varicella if the 4th DTaP and 3rd polio were given on or after the 4th birthday).

*For Seventh Grade - a booster dose of tetanus-diphtheria, a second dose of measles (preferably MMR) and three doses of hepatitis B.

**STATEWIDE KINDERGARTEN VALIDATION ASSESSMENT
FLORIDA, 2006-2007 SCHOOL YEAR**

Survey Enrollment	600
Percent Fully Immunized*	96.3 \pm 2.1
Percent Incompletely Immunized	1.4 \pm 1.3
Percent Proper Documentation	96.4 \pm 2.1
Percent Improper Documentation	3.6 \pm 2.2
Percent 5+ DTaP	90.0 \pm 3.5
Percent 4+ DTaP	97.3 \pm 1.8
Percent 3+ DTaP	98.0 \pm 1.5
Percent 4+ Polio	90.7 \pm 3.3
Percent 3+ Polio	98.0 \pm 1.5
Percent MMR**	97.6 \pm 1.6
Percent 3 Hepatitis B	95.7 \pm 2.3
Percent 2 Hepatitis B	98.4 \pm 1.2
Percent 1 Hepatitis B	98.4 \pm 1.2
Percent Varicella	97.3 \pm 1.8

*5 DTaP, 4 polio, 2 measles, 1 mumps, 1 rubella (preferably 2 MMR), and 3 hepatitis B, 1 varicella (or 4 DTaP, 3 polio, 2 measles, 1 mumps, 1 rubella, and 3 hepatitis B, 1 varicella with the 4th DTaP and 3rd polio given on or after the 4th birthday).

**2 MMR or 2 measles, 1 mumps, 1 rubella

**STATEWIDE SEVENTH GRADE VALIDATION ASSESSMENT
FLORIDA, 2006-2007 SCHOOL YEAR**

Survey Enrollment	839
Percent Fully Immunized*	94.4 \pm 2.1
Percent Incompletely Immunized	5.6 \pm 2.1
Percent Proper Documentation	94.4 \pm 2.2
Percent Improper Documentation	5.6 \pm 2.2
Percent Tetanus-Diphtheria Booster	95.0 \pm 2.0
Percent 2nd Measles (MMR)	97.5 \pm 1.5
Percent 3 Hepatitis B	96.0 \pm 1.9
Percent 2 Hepatitis B	97.6 \pm 1.5
Percent 1 Hepatitis B	97.7 \pm 1.5

*Tetanus-diphtheria booster, 2nd measles (preferably MMR) and 3 hepatitis B