



THE PRESENTATION WILL BEGIN SHORTLY,  
UNTIL THEN THERE WILL BE NO AUDIO.

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**VACCINATING SCHOOL AGED CHILDREN:**  
Rates from the 2012-2013 School Year and  
Requirements for the 2013-2014 School Year




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**COMPLIANCE WITH SCHOOL REQUIREMENTS- STATE LAW**

**07-17.1. Inoculation required before admission to school.**  
1. A child may not be admitted to any **public, private, or parochial school, or day care center, child care facility, head start program, or nursery school** operating in this state or be supervised through **home-based instruction** unless the child's parent or guardian presents to the institution authorities a certification from a licensed physician or authorized representative of the state department of health that the child has received age appropriate immunization against diphtheria, pertussis, tetanus, measles, rubella (German measles), mumps, hepatitis B, haemophilus influenza type b (Hib), varicella (chickenpox), poliomyelitis, pneumococcal disease, meningococcal disease, rotovirus, and hepatitis A. In the case of a child receiving home-based instruction, the child's parent or legal guardian shall file the certification with the public school district in which the child resides.




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NORTH DAKOTA STATE LAW (CONTINUED)

2. A child may enter an institution upon submitting **written proof** from a licensed physician or **authorized representative of the state department of health** stating that the child has started receiving the **required immunization** or has a written consent by the child's parent or guardian for a local health service or department to administer the needed immunization without charge or has complied with the requirements for **certificate of exemption** as provided for in subsection 3.

3. Any minor child, through the child's parent or guardian, may submit to the institution authorities either a certificate from a licensed **physician stating** that the physical condition of the child is such that immunization would **endanger the life or health of the child** or a certificate signed by the child's **parent or guardian whose religious, philosophical, or moral beliefs are opposed to such immunization**. The minor child is then exempt from the provisions of this section.

4. The enforcement of subsections 1, 2, and 3 is the **responsibility of the designated institution authority**.



Horizontal lines for notes

UPCOMING ADMINISTRATIVE RULE CHANGES

- Currently a permissive state law is in place that allows health care providers to share immunization data with schools without parental consent.
- A new change to HIPAA law will only allow sharing of immunization data with parental consent.
- The rule change clarifies HIPAA rules to allow continued sharing of immunization data without parental consent by making sharing of immunization data mandatory.
- No noticeable change will occur, schools may still access NDHIS



Horizontal lines for notes

UPCOMING ADMINISTRATIVE RULE CHANGES

- Currently students are required to receive Tdap and MCV4 upon middle school entry (6<sup>th</sup> or 7<sup>th</sup> grade depending on the district.)
- The rule change will specify that students **entering 7<sup>th</sup> grade** are required to have received these vaccines.
- This rule change will go into effect during the **2014-2015** school year.



Horizontal lines for notes

### EXCLUSION

- Students who do not provide proof of required vaccinations or claim an exemption should be excluded from school.
  - Grace period of 30 days after the start of school
  - It is the school's responsibility to enforce the vaccination requirements and exclusion.
- Parents can claim one of the following exemptions:
  - Philosophical
  - Religious
  - Medical
  - Moral
  - History of Disease (chickenpox only)




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### CHILDCARE REQUIREMENTS

Vaccine Type	Minimum Number of Doses Required Per Age						
	2-3 Months	4-5 Months	6-7 Months	8-11 Months	12-17 Months	18-24 Months	2-5 Years
<b>DTaP/DT</b> (Diphtheria-Tetanus-Pertussis)	1	2	3	3	4	4	4
<b>Hib</b> (Haemophilus influenzae type B)	1	2	2 or 3	2 or 3	3 or 4	3 or 4	3 or 4
<b>IPV</b> (Polio)	1	2	3	3	3	3	3
<b>MMR</b> (Measles-Mumps-Rubella)	0	0	0	0	1	1	1
<b>Varicella</b> (Chickenpox)	0	0	0	0	1	1	1
<b>PCV</b> (Pneumococcal)	1	2	3	3	4	4	4
<b>Rotavirus</b>	1	2	2 or 3	0	0	0	0
<b>HAV</b> (Hepatitis A)	0	0	0	0	1	2	0




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### CHICKENPOX VACCINE REQUIREMENT

- Currently one dose of Varicella vaccine is required for some students while two doses are required for others.
  - This is a result of 'grandfathering in the requirement'
  - Currently one dose is required for students in grades 6<sup>th</sup>-9<sup>th</sup>, and two doses are required for students K-5<sup>th</sup>.
  - Each year the requirements will include more grades until all students will be required to have received two doses.
- Reliable history of chickenpox disease exempts students from the chickenpox vaccine requirement.
  - Reliable history is either a healthcare provider's diagnosis of varicella or verification of history of varicella disease by serology




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### 2013-2014 SCHOOL IMMUNIZATION REQUIREMENTS: ELEMENTARY

Vaccine	Grade					
	Kindergarten	1 <sup>st</sup> Grade	2 <sup>nd</sup> Grade	3 <sup>rd</sup> Grade	4 <sup>th</sup> Grade	5 <sup>th</sup> Grade
DTap/DTP/Di1/dap/Id	3*	2*	2*	2*	2*	2*
Hepatitis B	3*	3*	3*	3*	3*	3*
IPV/OPV	2*	2*	2*	2*	2*	2*
MMR	2	2	2	2	2	2
Varicella (Chickenpox)	2	2	2	2	2	2




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### MIDDLE SCHOOL ENTRY REQUIREMENTS

- Upon middle school entry, students are required to receive additional vaccines
  - Tdap
    - Tdap protects against tetanus, diphtheria, and pertussis.
  - MCV4
    - MCV4 protects against 4 different serogroups (A,C,Y and W-135) of Meningococcal disease.
- New administrative rule change (going into effect for the 2014-2015 school year) will require these vaccines for entry into 7<sup>th</sup> grade instead of entry into middle school.
  - Easier to implement and track.




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### 2013-2014 SCHOOL IMMUNIZATION REQUIREMENTS: MIDDLE SCHOOL

Vaccine	Grade		
	6 <sup>th</sup> Grade	7 <sup>th</sup> Grade	8 <sup>th</sup> Grade
Hepatitis B	3	3	3
IPV/OPV	2*	2*	2*
MMR	2	2	2
Varicella (Chickenpox)	2	2	2
Meningococcal	1*	1*	1*
Tdap	1*	1*	1*




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### HEALTHY PEOPLE 2020 GOALS FOR ADOLESCENTS AGE 13-15 YEARS

Vaccine	Doses	Coverage Goal
Tdap	1	80%
Varicella	2	90%
MCV4	1 or more	80%
HPV	3 or more	80%



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### SCHOOL SURVEY

- Each year North Dakota Department of Health gathers school immunization rates
- Determines the percent of children attending school who are up to date on school required vaccines
- These rates are self reported by schools
- Participation by schools is mandatory
- North Dakota is required to report kindergarten results to the Centers for Disease Control (CDC)



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### WHY ARE SCHOOL ASSESSMENTS IMPORTANT?

- Gather patient-level vaccination data on children when they are most vulnerable for vaccine preventable diseases
- Provides overall picture of vaccination status among interacting children
  - May not be accurately assessed by looking at medical charts
- Includes children who may not have primary care provider, change providers frequently or have no contact with the primary care system



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### IMPORTANCE OF HERD IMMUNITY

- The reduction of infection or disease in the unimmunized segment as a result of immunizing a proportion of the population
  - By insuring that the majority of students are vaccinated, incidence of disease among school population is reduced
- Low percentage of vaccinated students leaves school vulnerable to outbreaks
- This year several states have seen outbreaks.
  - Measles
  - Pertussis



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### TIME LINE

- Early October: Send out letter to school administrators, school nurses, and health units notifying them of the survey and due date
- November: Survey is typically due mid-November
  - Analyze results and calculate rates
    - We can calculate school level data, county level data, and state level data
- January: Perform validation study
  - Must validate data before reporting to CDC
  - Select sample of schools to examine records
- April: Data due to CDC



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### METHODS

- Online survey
  - Must document number of children up to date for each required vaccine
  - Must document number of children who are exempt from requirements
- Schools given about 6 weeks to complete survey



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### RESULTS

○ 92%(392/425) of schools completed the survey

	Vaccine				
	Polio	DTaP	MMR	Hep B	Varicella or History of Disease
Kindergarten Rates- Census	90.11%	89.68%	88.83%	93.94%	89.32%
Kindergarten Rates- Validated	90.23%	90.63%	91.41%	95.34%	90.21%




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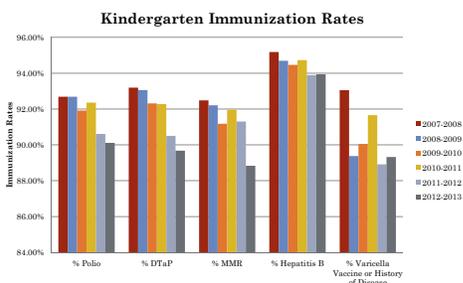
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### PAST KINDERGARTEN RATES-CENSUS




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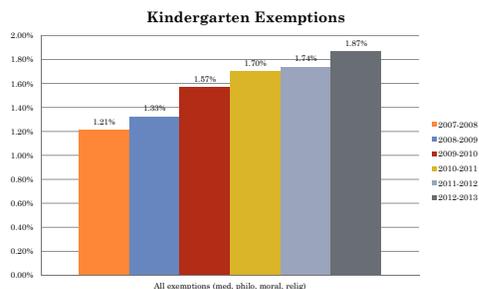
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### KINDERGARTEN EXEMPTIONS BY YEAR




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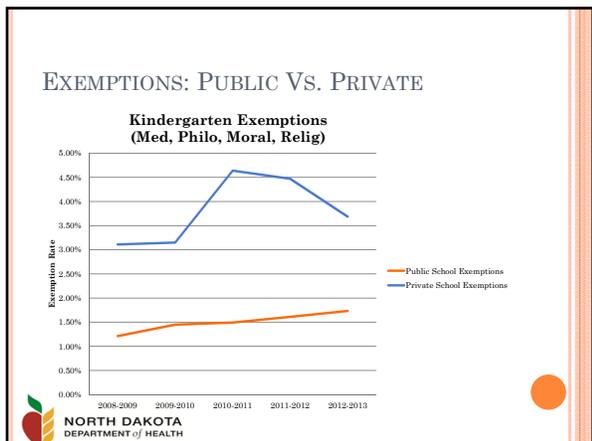
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### MIDDLE SCHOOL IMMUNIZATION RATES 2012-2013 SCHOOL YEAR

	Vaccines						
	Polio	DTaP	MMR	Hep B	Varicella	Tdap	MCV4
Middle School Rates (weighted mean)	97.58%	98.66%	98.60%	97.81%	82.52%	67.65%	66.60%

NORTH DAKOTA DEPARTMENT of HEALTH

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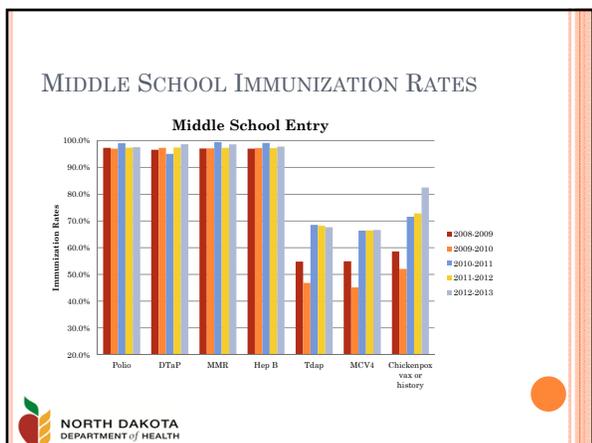
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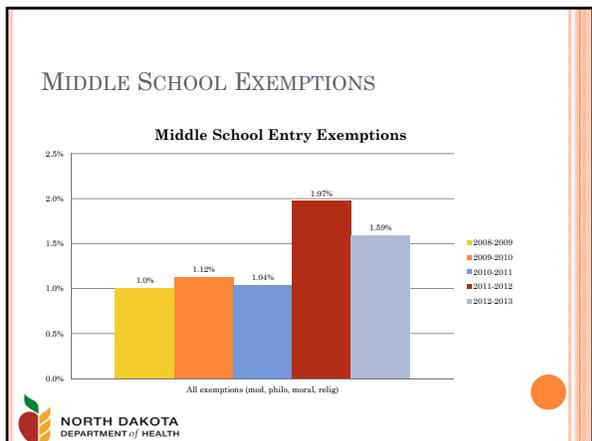
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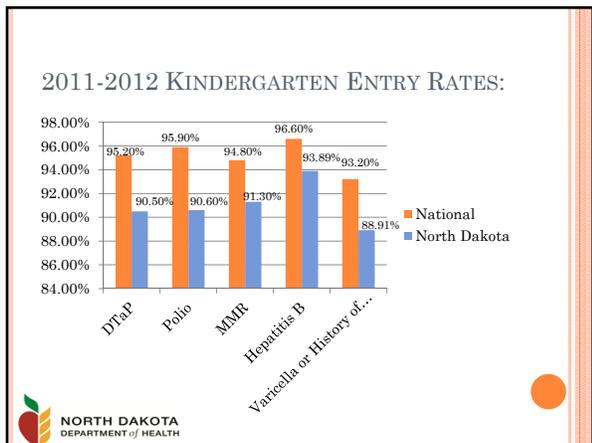
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### 2011-2012 NATIONAL KINDERGARTEN IMMUNIZATION RATES

Vaccine	Doses	Coverage(median)	North Dakota Rates 2011-2012
DTaP	5	95.2%	90.5%
Polio	4	95.9%	90.6%
MMR	2	94.8%	91.3%
Hepatitis B	3	96.6%	93.89%
Varicella or History of Disease	2	93.2%	88.91%

**NORTH DAKOTA**  
DEPARTMENT OF HEALTH

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### STRATEGIES TO INCREASE RATES

- School Clinics
  - School located clinics
- Reminder Recall
  - Reminding parents of children not up to date
    - Many parents are unaware their child is not up to date
- Sports Physicals
  - Checking NDIIS Forecaster during sports physicals
- Offer other ACIP recommended vaccines during back to school visits




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### POST-TEST

- Post-test
  - Nurses interested in continuing education credit, visit [www.ndhealth.gov/immunize/posttest/](http://www.ndhealth.gov/immunize/posttest/)
  - Successfully complete the five-question post-test to receive your certificate
  - Credit for this session is only available until 5pm on June 19, 2013




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### QUESTIONS?

If you have any questions, type them into either of the chat windows on your right.

Molly Howell	mahowell@nd.gov
Abbi Pierce	apierce@nd.gov
Amy Schwartz	amschwartz@nd.gov
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Stacy Lovelace	slovelace@nd.gov
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Or call 701.328.3386 to speak to someone in the Immunization Program

This presentation will be posted to our website:  
[www.ndhealth.gov/immunize](http://www.ndhealth.gov/immunize)




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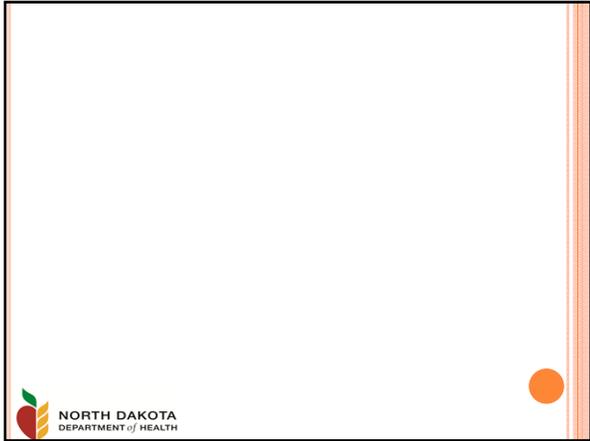
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