

2007  
Communicable Disease  
Seminar  
Immunization Program

**BSAINXLEATNTEARS**

Cross out six letters so that the remaining letters  
without altering their sequence will spell a familiar  
English word

# Spreading the Health

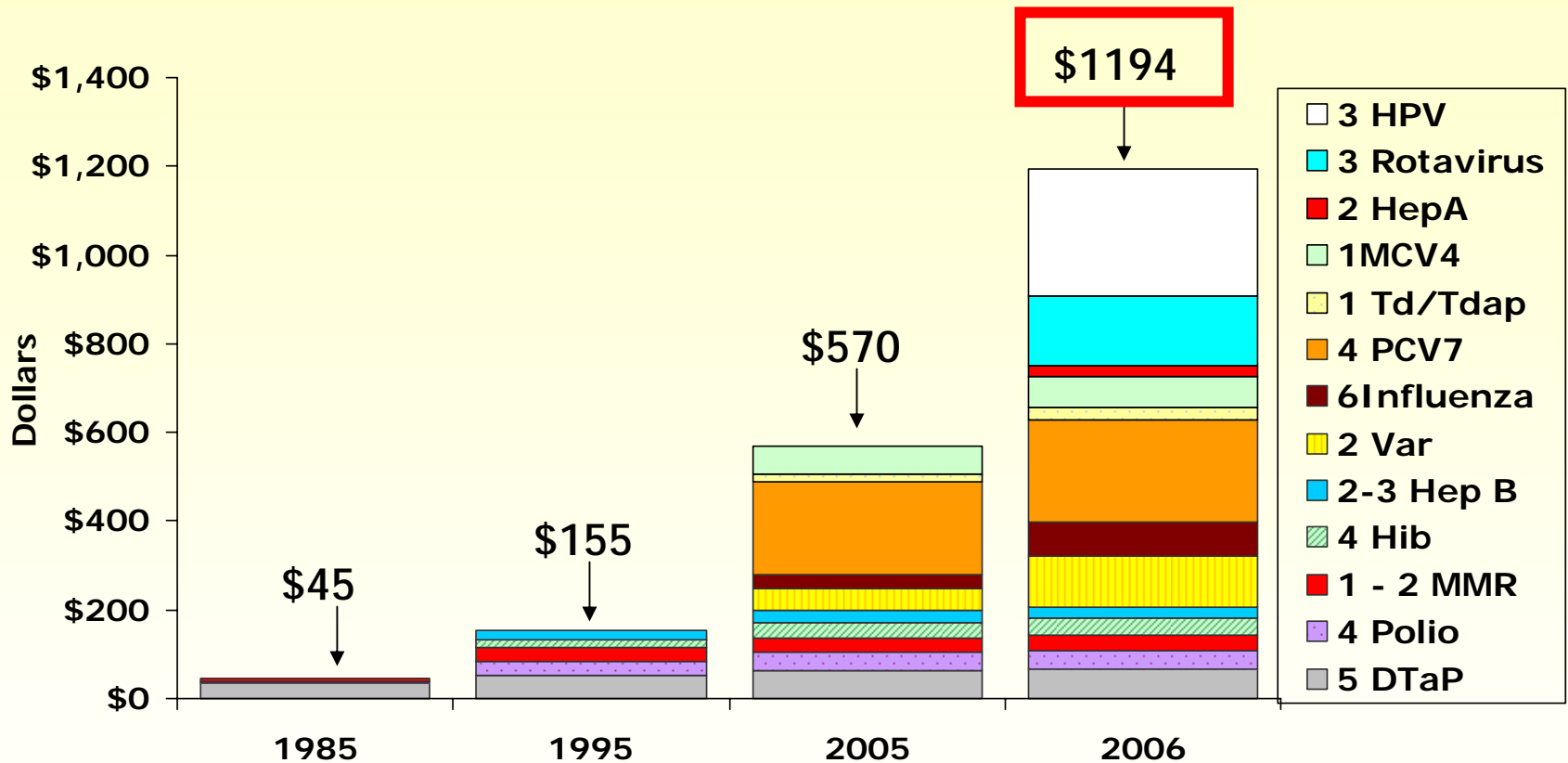
Jerry Gabor  
Hepatitis B Coordinator  
Wisconsin Immunization Program  
Spring Seminar - 2007

- Schedule Modifications
- Vaccine Storage and Handling
- Vaccine Management Business Improvement Project (VMBIP)
- New Vaccines/Recommendations
- Rule Changes
- Wisconsin Immunization Registry (WIR) Updates

# What's In Your Packet?

- 2007 Immunization Schedules
- WIR Reports
- ProQuad<sup>®</sup> Supply
- Varicella - Provisional ACIP Recommendations
- Resource List

## Federal Contract Prices for Vaccines Recommended Universally for Children and Adolescents 1985 – 2006



Federal contract price shown for are averages that account for price changes within the year.  
 The 2005 costs reflect 1 dose of Td, 1 dose of varicella and 3 doses of influenza.  
 The 2007 costs reflect 1 dose of Tdap, 2 doses of varicella and 6 doses of influenza

# Changes to the ACIP Immunization Schedule

- The new rotavirus vaccine is recommended in a 3-dose schedule at ages 2, 4 and 6 months.
- The influenza vaccine is now recommended for all children aged 6-59 months.
- Varicella vaccine recommendations are updated. The first dose should be administered at age 12-15 months and a newly recommended second dose should be administered at age 4-6 years.

- The new human papillomavirus vaccine (HPV) is recommended in a 3-dose schedule with the second and third doses administered 2 and 6 months after the first dose.
- New two schedule format
  - Schedule for persons aged 0-6 years
  - Schedule for persons aged 7-18 years
  - Special populations are represented with purple bars

# Recommended Immunization Schedule for Persons Aged 0–6 Years—UNITED STATES • 2007

Vaccine ▼	Age ►	Birth	1 month	2 months	4 months	6 months	12 months	15 months	18 months	19–23 months	2–3 years	4–6 years
Hepatitis B <sup>1</sup>	HepB	HepB	<i>see footnote 1</i>	HepB			HepB Series					
Rotavirus <sup>2</sup>			Rota	Rota	Rota							
Diphtheria, Tetanus, Pertussis <sup>3</sup>			DTaP	DTaP	DTaP		DTaP					DTaP
<i>Haemophilus influenzae</i> type b <sup>4</sup>			Hib	Hib	<i>Hib</i> <sup>4</sup>	Hib	Hib					
Pneumococcal <sup>5</sup>			PCV	PCV	PCV	PCV					PCV PPV	
Inactivated Poliovirus			IPV	IPV	IPV							IPV
Influenza <sup>6</sup>					Influenza (Yearly)							
Measles, Mumps, Rubella <sup>7</sup>							MMR					MMR
Varicella <sup>8</sup>							Varicella					Varicella
Hepatitis A <sup>9</sup>							HepA (2 doses)			HepA Series		
Meningococcal <sup>10</sup>											MPSV4	


-  Range of recommended ages
-  Catch-up immunization
-  Certain high-risk groups


This schedule indicates the recommended ages for routine administration of currently licensed childhood vaccines, as of December 1, 2006, for children aged 0–6 years. Additional information is available at <http://www.cdc.gov/nip/recs/child-schedule.htm>. Any dose not administered at the recommended age should be administered at any subsequent visit, when indicated and feasible. Additional vaccines may be licensed and recommended during the year. Licensed combination vaccines may be used whenever any components of the combination are indicated and


other components of the vaccine are not contraindicated and if approved by the Food and Drug Administration for that dose of the series. Providers should consult the respective Advisory Committee on Immunization Practices statement for detailed recommendations. Clinically significant adverse events that follow immunization should be reported to the Vaccine Adverse Event Reporting System (VAERS). Guidance about how to obtain and complete a VAERS form is available at <http://www.vaers.hhs.gov> or by telephone, 800-822-7967.

## Recommended Immunization Schedule for Persons Aged 7–18 Years— UNITED STATES • 2007

Vaccine	Age	7–10 years	11–12 YEARS	13–14 years	15 years	16–18 years
Tetanus, Diphtheria, Pertussis <sup>1</sup>	see footnote 1		<b>Tdap</b>		Tdap	
Human Papillomavirus <sup>2</sup>	see footnote 2		<b>HPV (3 doses)</b>		HPV Series	
Meningococcal <sup>3</sup>		MPSV4	<b>MCV4</b>		<b>MCV4<sup>1</sup></b> MCV4	
Pneumococcal <sup>4</sup>			<b>PPV</b>			
Influenza <sup>5</sup>			<b>Influenza (Yearly)</b>			
Hepatitis A <sup>6</sup>			<b>HepA Series</b>			
Hepatitis B <sup>7</sup>			<b>HepB Series</b>			
Inactivated Poliovirus <sup>8</sup>			<b>IPV Series</b>			
Measles, Mumps, Rubella <sup>9</sup>			<b>MMR Series</b>			
Varicella <sup>10</sup>			<b>Varicella Series</b>			

 Range of recommended ages

 Catch-up immunization

 Certain high-risk groups

This schedule indicates the recommended ages for routine administration of currently licensed childhood vaccines, as of December 1, 2006, for children aged 7–18 years. Additional information is available at <http://www.cdc.gov/nip/recs/child-schedule.htm>. Any dose not administered at the recommended age should be administered at any subsequent visit, when indicated and feasible. Additional vaccines may be licensed and recommended during the year. Licensed combination vaccines may be used whenever any components of the combination are indicated and other components

of the vaccine are not contraindicated and if approved by the Food and Drug Administration for that dose of the series. Providers should consult the respective Advisory Committee on Immunization Practices statement for detailed recommendations. Clinically significant adverse events that follow immunization should be reported to the Vaccine Adverse Event Reporting System (VAERS). Guidance about how to obtain and complete a VAERS form is available at <http://www.vaers.hhs.gov> or by telephone, 800-822-7967.

# Vaccine Storage and Handling: Reminders

- Designate more than one responsible person
- Record temperatures
  - Twice daily
  - Both freezer and refrigerator

- Out-of-range temps
  - Documented and take appropriate action taken
- Keep temperature logs for 3 years

- Store vaccine according to manufacturers recommendations
- Dorm-style refrigerator use
- Leaving for the day make sure the refrigerator doors are closed

- Multi-dose vials can be used until the expiration date
- Store food in a separate refrigerator
- Emergency plans

- Vaccine Storage and Handling Toolkit available online from CDC at:

[www2a.cdc.gov/nip/isd/shtoolkit/splash.html](http://www2a.cdc.gov/nip/isd/shtoolkit/splash.html)

# Vaccine Management Business Improvement Project (VMBIP)

- Centralized Vaccine Distribution
  - Lower costs
  - No redundant infrastructure
- Standardized Accountability
  - Real time inventory
- Funds no longer obligated to states via DA grants
  - Grant process streamlined

# New Vaccines/Recommendations

- Rotavirus
- Hepatitis A
- Varicella
- HPV

# Rotavirus

- RotaTeq<sup>®</sup> live, oral vaccine
- 3 doses (2, 4 and 6 months)
- Do not administer after 32 weeks of age

# Hepatitis A

- All persons 1 year through 18 years
  - 12-23 month olds
- 2 doses
- 6 month interval between dose 1 and dose 2

# Varicella

- Routine 2 dose schedule
- Minimum intervals
  - 3 months for people 12 months to 12 years
  - 4 weeks for people  $\geq 13$  years of age

# Human Papillomavirus (HPV)

- Routine for 11-12 year old females, can be started as early as 9 years of age
- Catch-up 13-26 year olds
- 3- dose series
- Cervical screening recs. have not changed

# Proposed Administrative Rule Changes

# Ch HFS 144 – Immunization of Students

Amendments proposed to add these vaccine requirements:

- PCV vaccine for students in day care centers
- Tdap vaccine for students in 6th grade
  - Requirement will be phased-in over several years
  - When complete, will include grades 6-12
- A second dose of varicella vaccine for students in K, 6 and 12<sup>th</sup> grades
  - Requirement will be phased-in over several years
  - When complete, will include grades K-12

## Additional HFS 144 amendments:

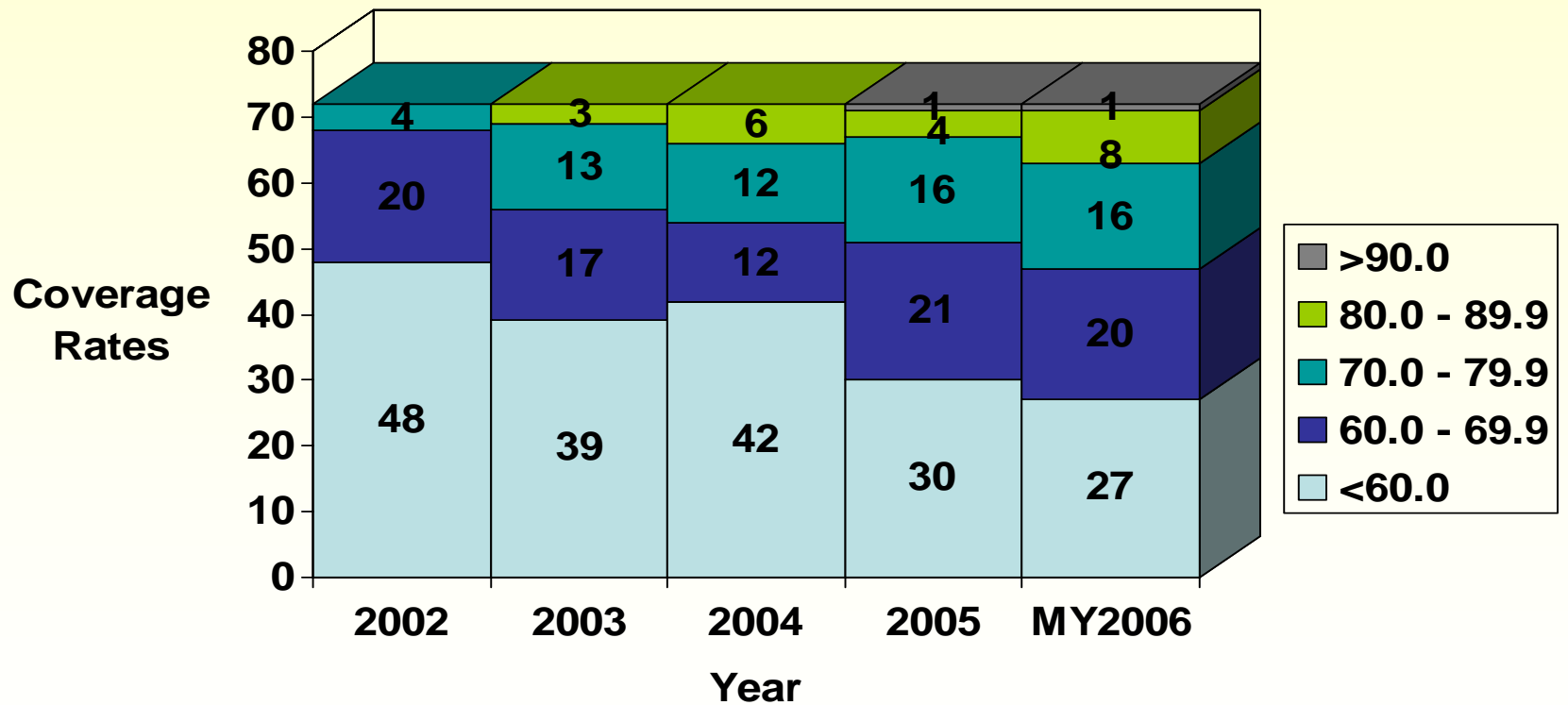
- Written evidence of immunization includes electronic records
- Permits the Department to temporarily suspend a vaccine requirement if there is a national shortage of vaccine as determined by the ACIP
- Deletes outdated vaccine phase-in language related to hepatitis B and varicella

## Ch. HFS 145 – Control of Communicable Diseases

- Require individual varicella case reports rather than aggregate morbidity data
- Reporting of nonparalytic poliovirus infections

Wisconsin Immunization Program  
 Number of Counties in Each Coverage Rate Range By Year  
 For the 4:3:1:3:3:1 series by 24 Months of Age  
 2002 – Mid-Year 2006

Data Source: Wisconsin Immunization Registry (WIR) Benchmark Report



# Current WIR Statistics

- **5.3 Million Clients**
- **33 Million Immunizations**
- **7,486 Active Users**
- **800 Providers**
- **2,747 Schools**
- **5,500 Immunization Records per day via PC**
- **6,500 Immunization Records per day via Interface**

# Minnesota Data

- **We now have a working Memorandum of Understanding with Minnesota to share immunization data on a weekly basis.**
- **We get approximately 200 new immunizations a week from this data.**

BSAINXLEATNTEARS

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**Immunization Program Website**

**[www.dhfs.state.wi.us/immunization/index.htm](http://www.dhfs.state.wi.us/immunization/index.htm)**

The image features a decorative border composed of several colored rectangular blocks and a grid pattern. The blocks include a green block at the top left, a brown block on the left side, a blue block at the bottom left, a purple block at the bottom center, a green block on the right side, and a grey block at the top right. A grid pattern is visible in the top left corner. The central area is a large, light yellow rectangle.

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