

# Immunization Rates: Methods and Trends

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Forum on Immunizing in Schools

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BC Centre for Disease Control  
AN AGENCY OF THE PROVINCIAL HEALTH SERVICES AUTHORITY



ImmunizeBC

# Methods

- School-based Immunization Coverage Assessment Advisory Group
- Data sources:
  - Paper reporting by HSDAs or HAs
- Frequency:
  - Annual

# Methods

- Measure:
  - Percent of enrolled students who were up-to-date for the vaccine in question as of June 30
- Population:
  - Number of students enrolled as of June 30
    - Class lists
    - iPHIS

# Methods

## Kindergarten:

- DaPTP → 4<sup>th</sup> or 5<sup>th</sup> dose after 4<sup>th</sup> birthday
- Measles → 2 doses
- Mumps/Rubella → 1 dose
- Hepatitis B → 3 doses
- Varicella → previous disease or 1 dose

# Methods

## Grade 6

- Hepatitis B → 2-3 doses
- Meningococcal C → 1 dose
- Varicella → previous disease or 1 dose

## Grade 9

- Td booster
- aP booster

# Communicating Results

- School-Based Immunization Coverage Assessment Advisory Group
- [www.bccdc.org](http://www.bccdc.org)
  - PartnerNet
  - Public access

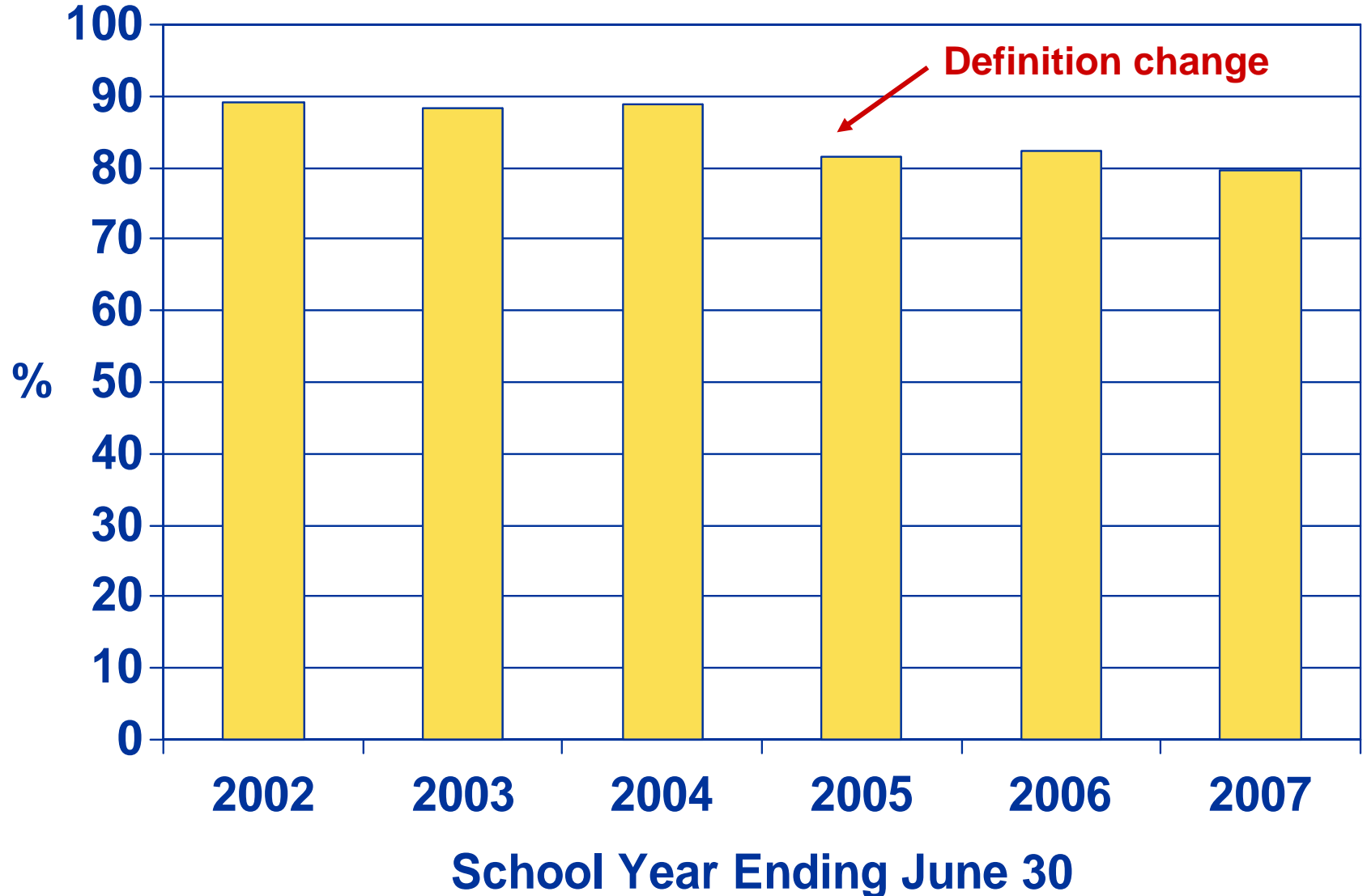
# Limitations

1. Ascertaining primary series
2. Incomplete disease/vaccine history
3. Changing definitions of up-to-date

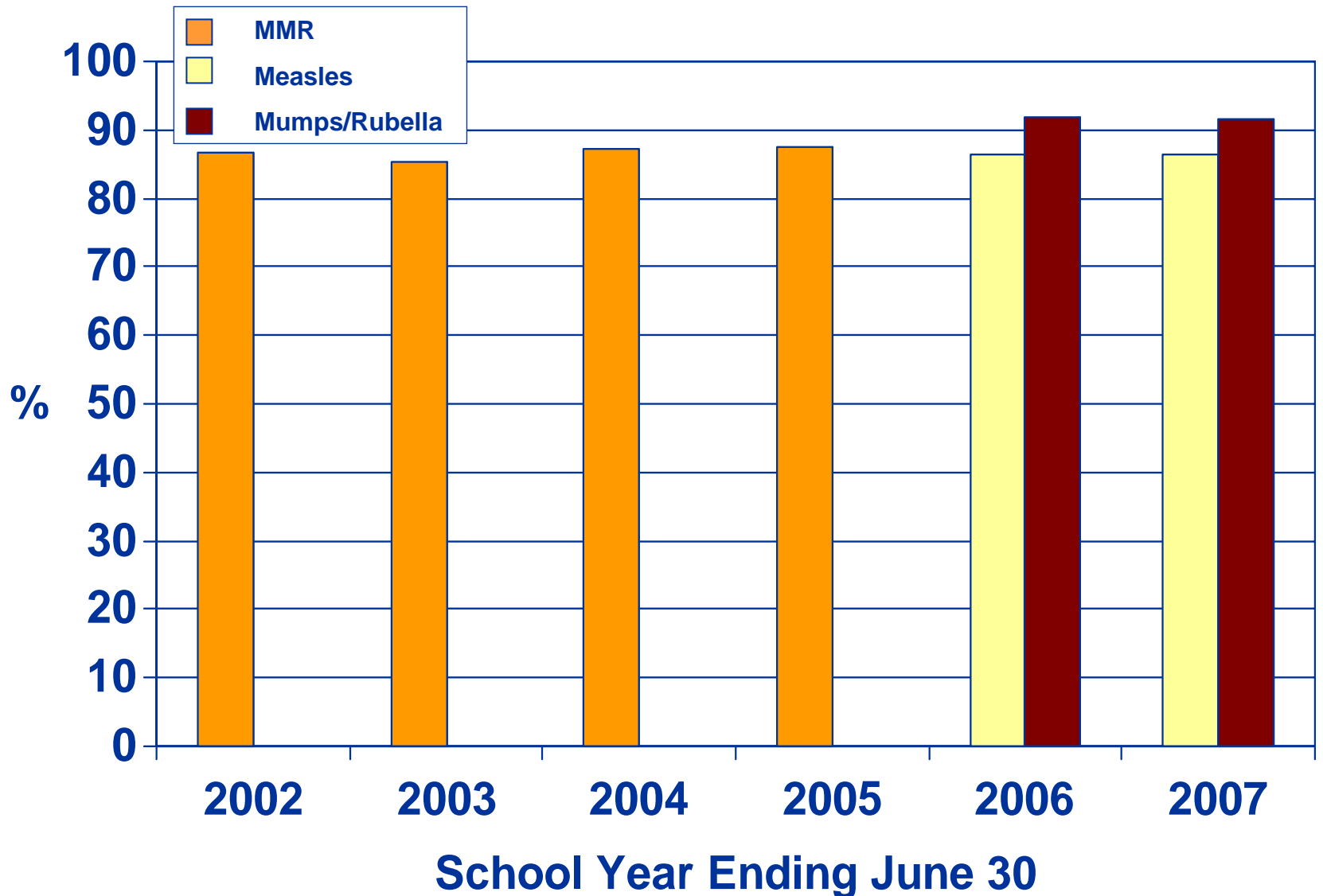
# School-Based Immunization Coverage Trends



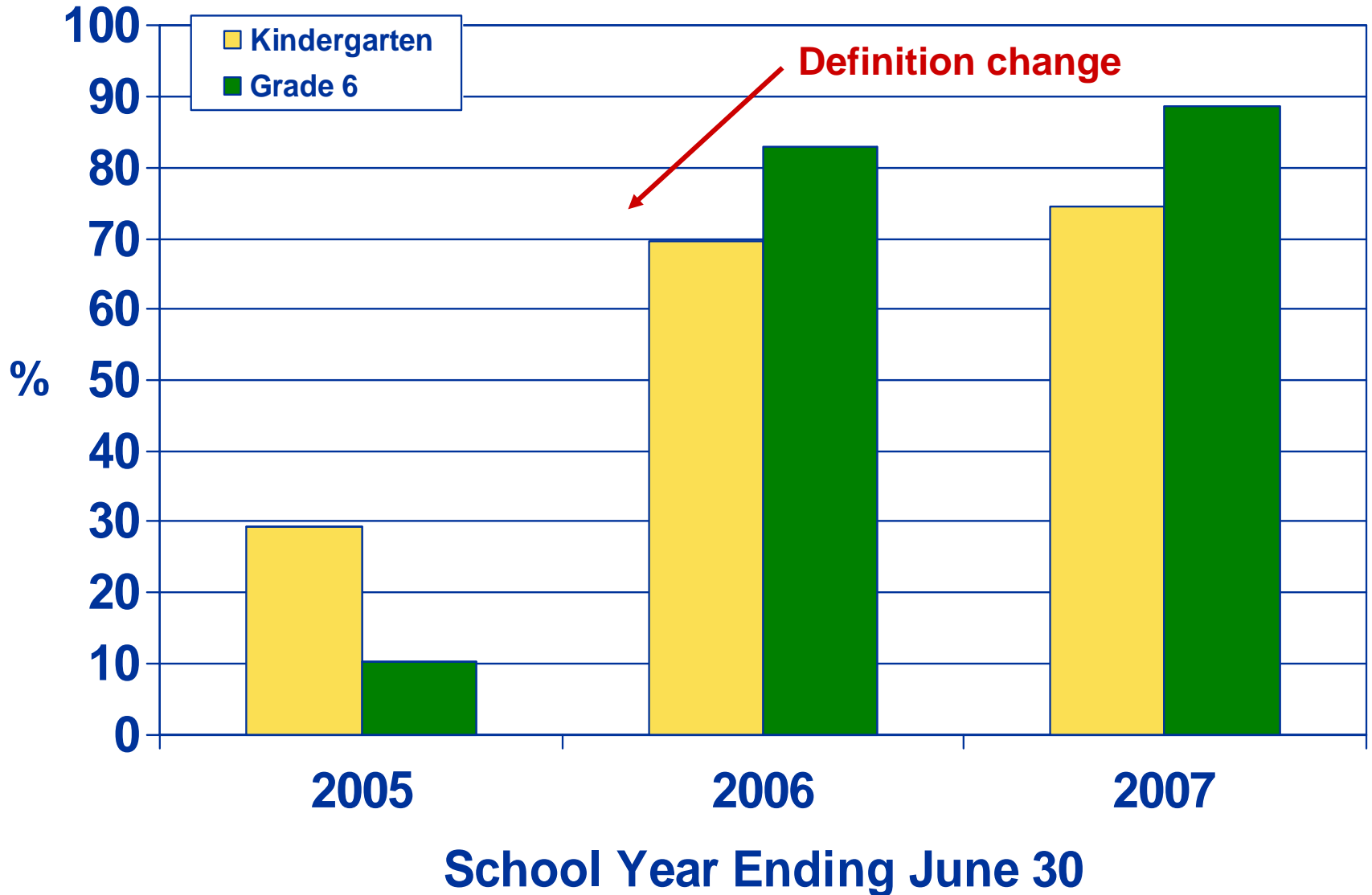
# Kindergarten: DaPTP



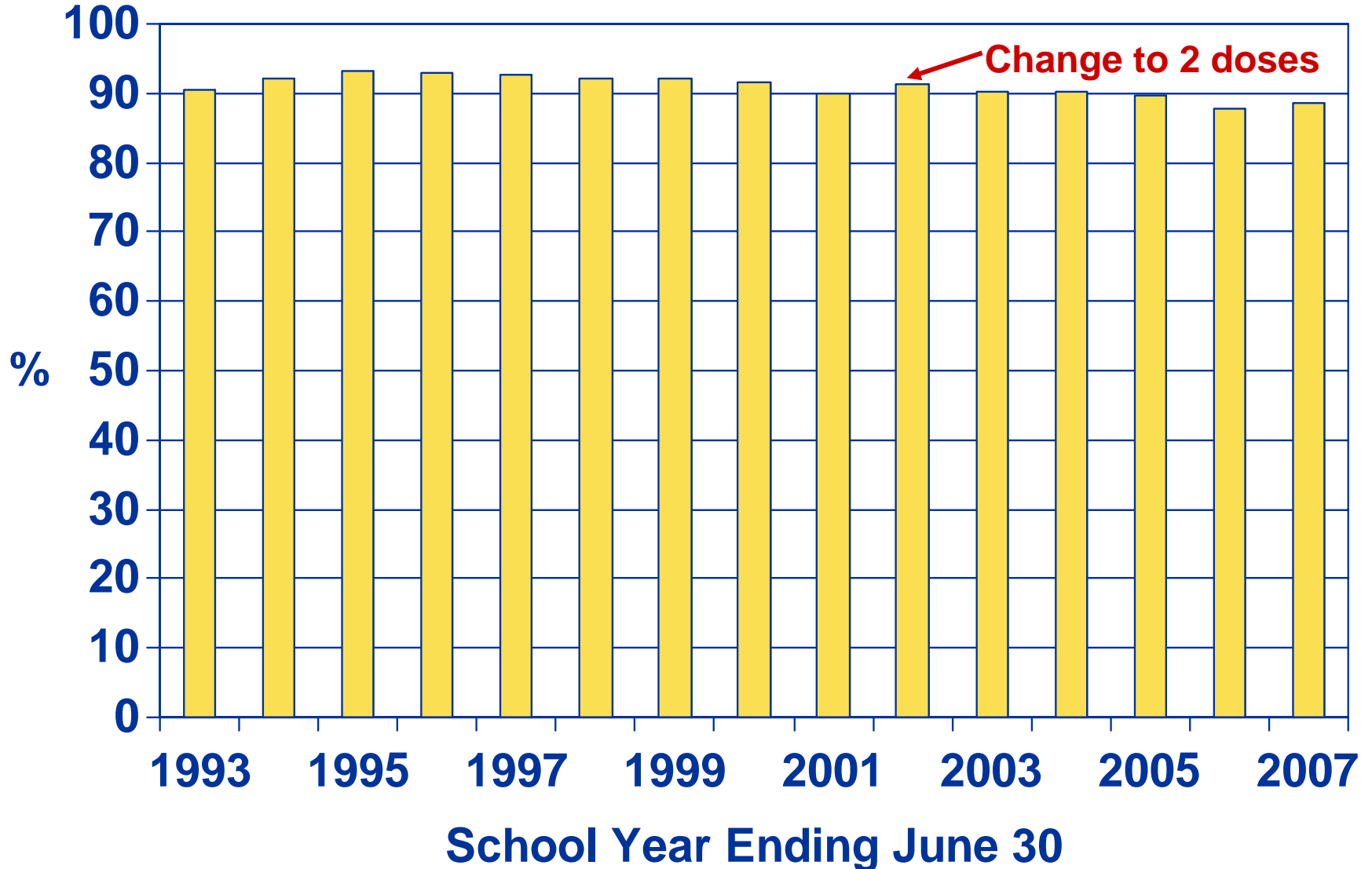
# Kindergarten: Measles/Mumps/Rubella



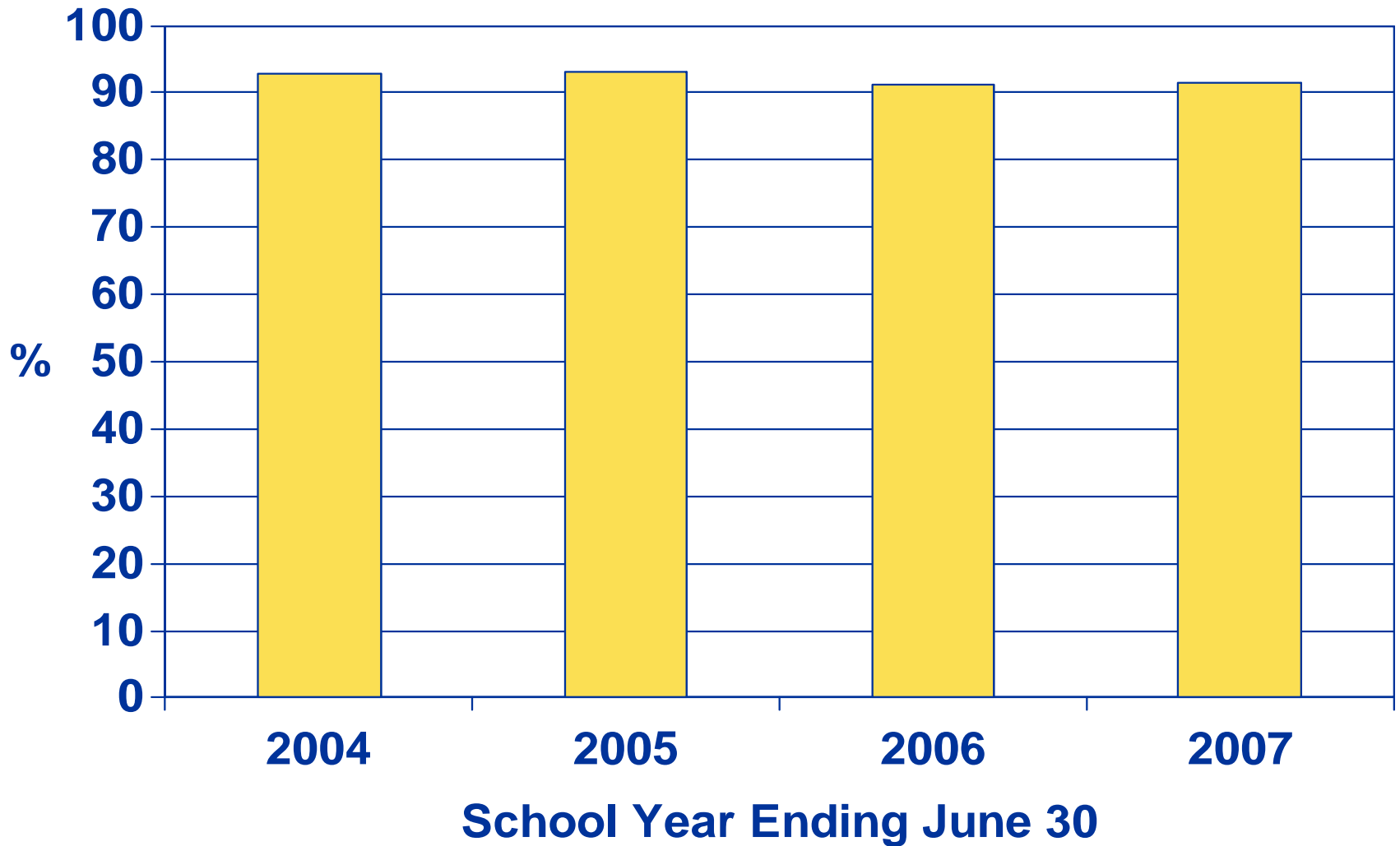
# Kindergarten/Grade 6: Varicella



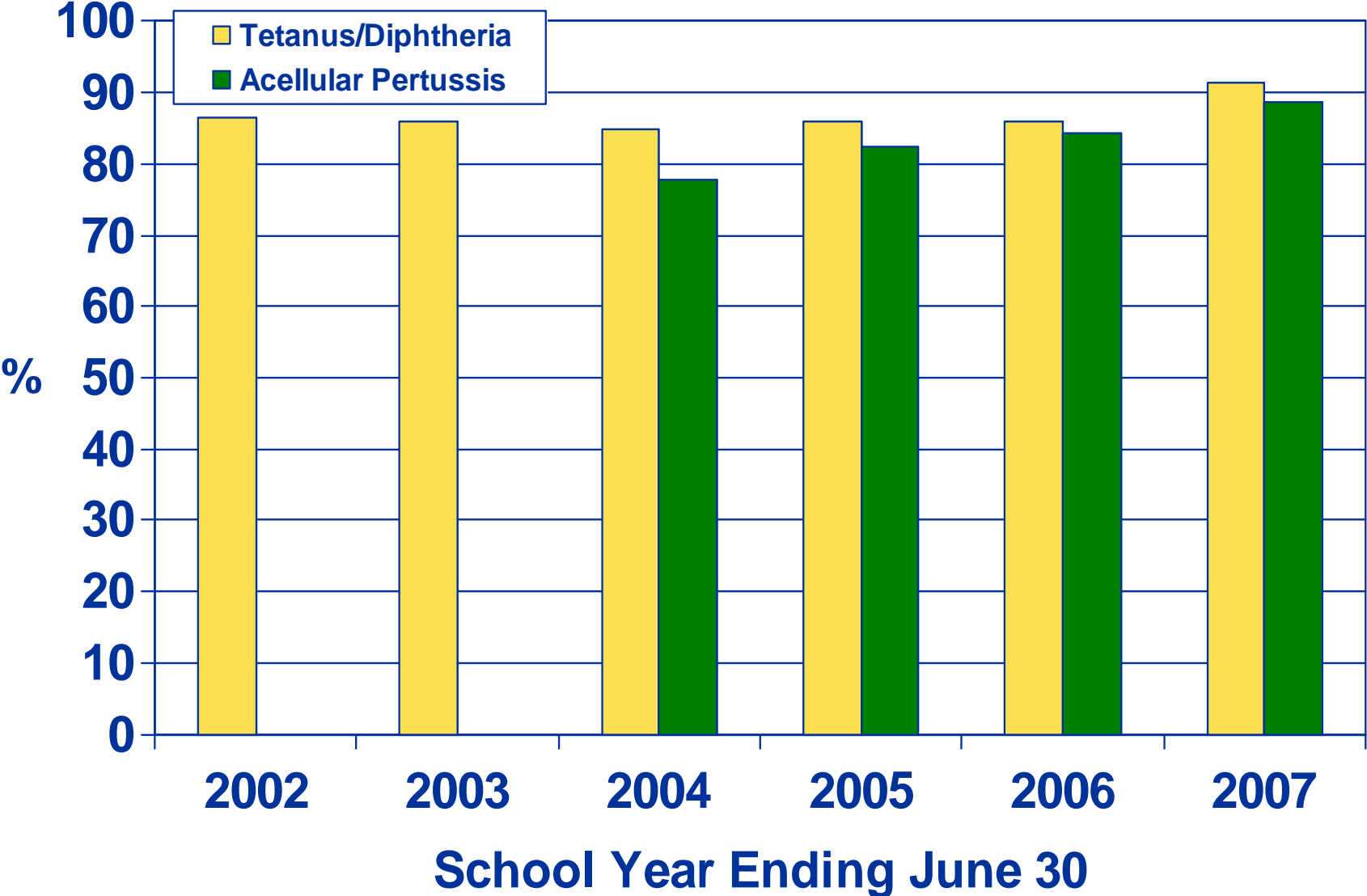
# Grade 6: Hepatitis B



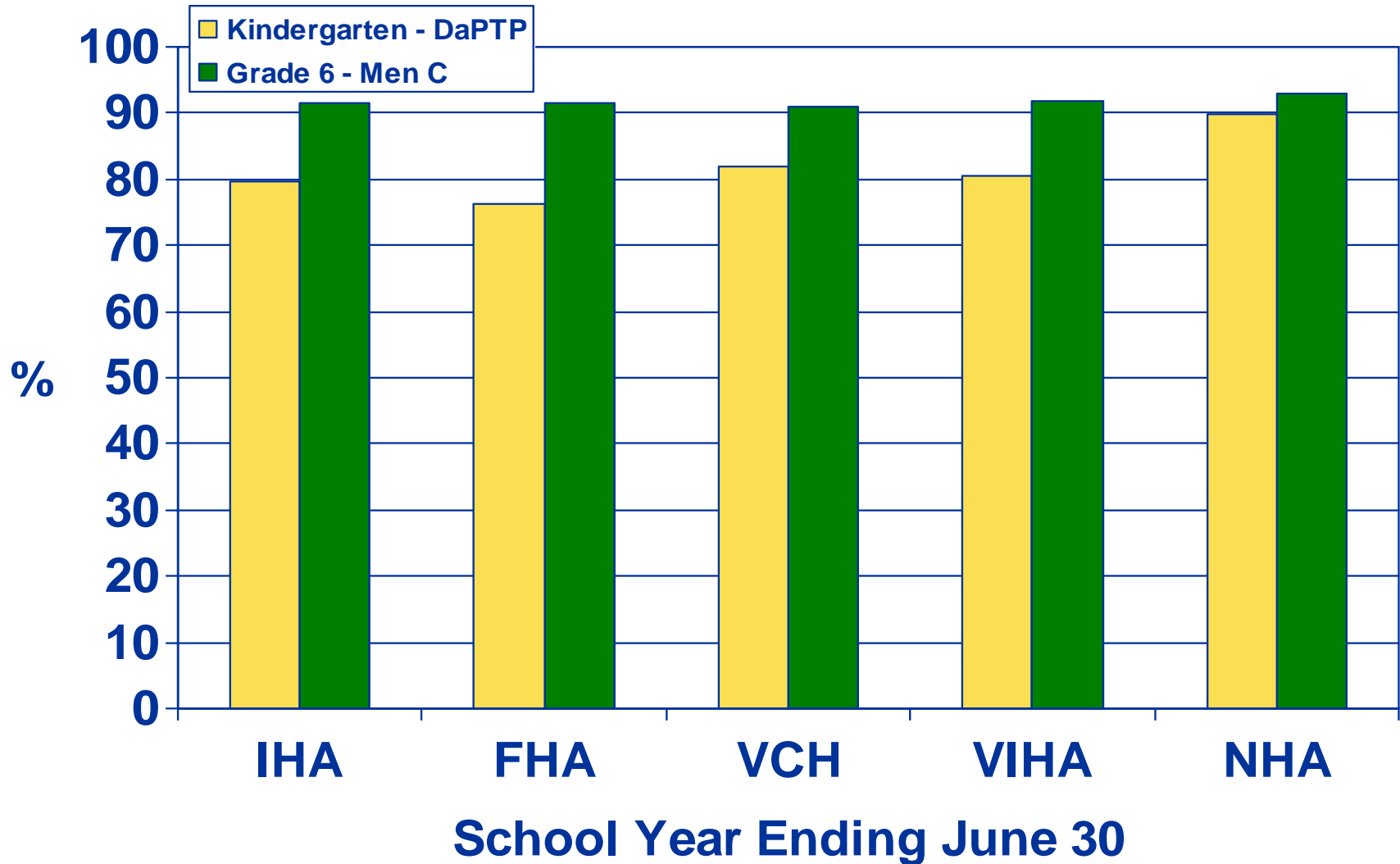
# Grade 6: Meningococcal C



# Grade 9: Tetanus/Diphtheria/Pertussis



# Regional Variation, 2007

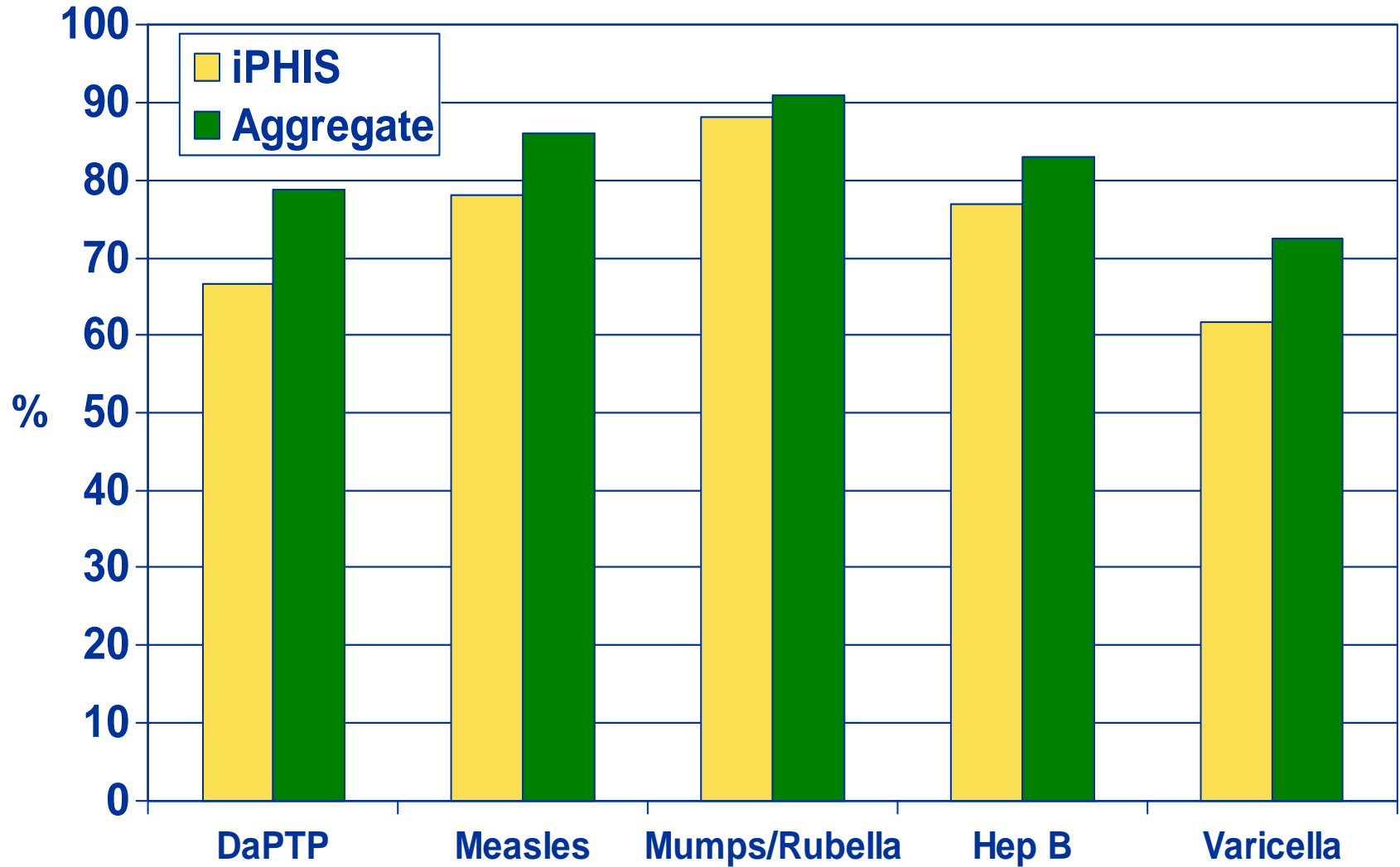


# Future Directions

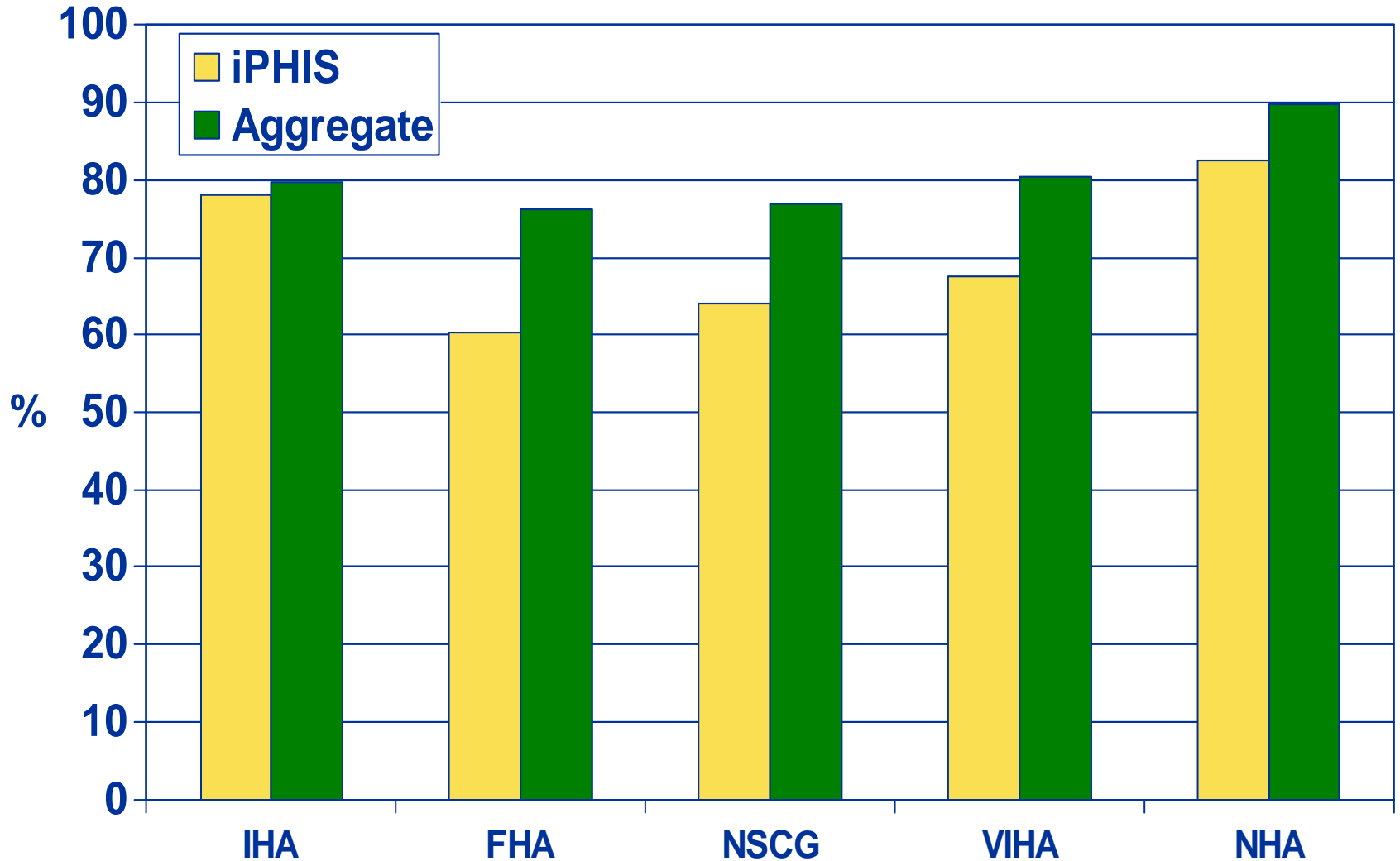
1. Immunization registry-based assessment



# Kindergarten Immunization Coverage, 2007



# DaPTP Coverage by Health Authority, 2007



# Future Directions

1. Immunization registry-based assessment
  
2. Vaccine changes
  - Grade 12 Meningococcal-C
  - Kindergarten Meningococcal-C
  - Grade 6 and 9 HPV

# Acknowledgements

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