

Indiana's Perinatal Hepatitis B Prevention Program

December 5-9, 2005

National Hepatitis
Conference, Washington, DC



Introduction

- Program started in 1999
- Funded through CDC-VFC grant
- Contracted through a local health department

Program Goal

To prevent perinatal hepatitis B (PHB) transmission through education and case management with parents, household and sexual contacts, local health departments (LHD), hospitals, and physicians.

Results

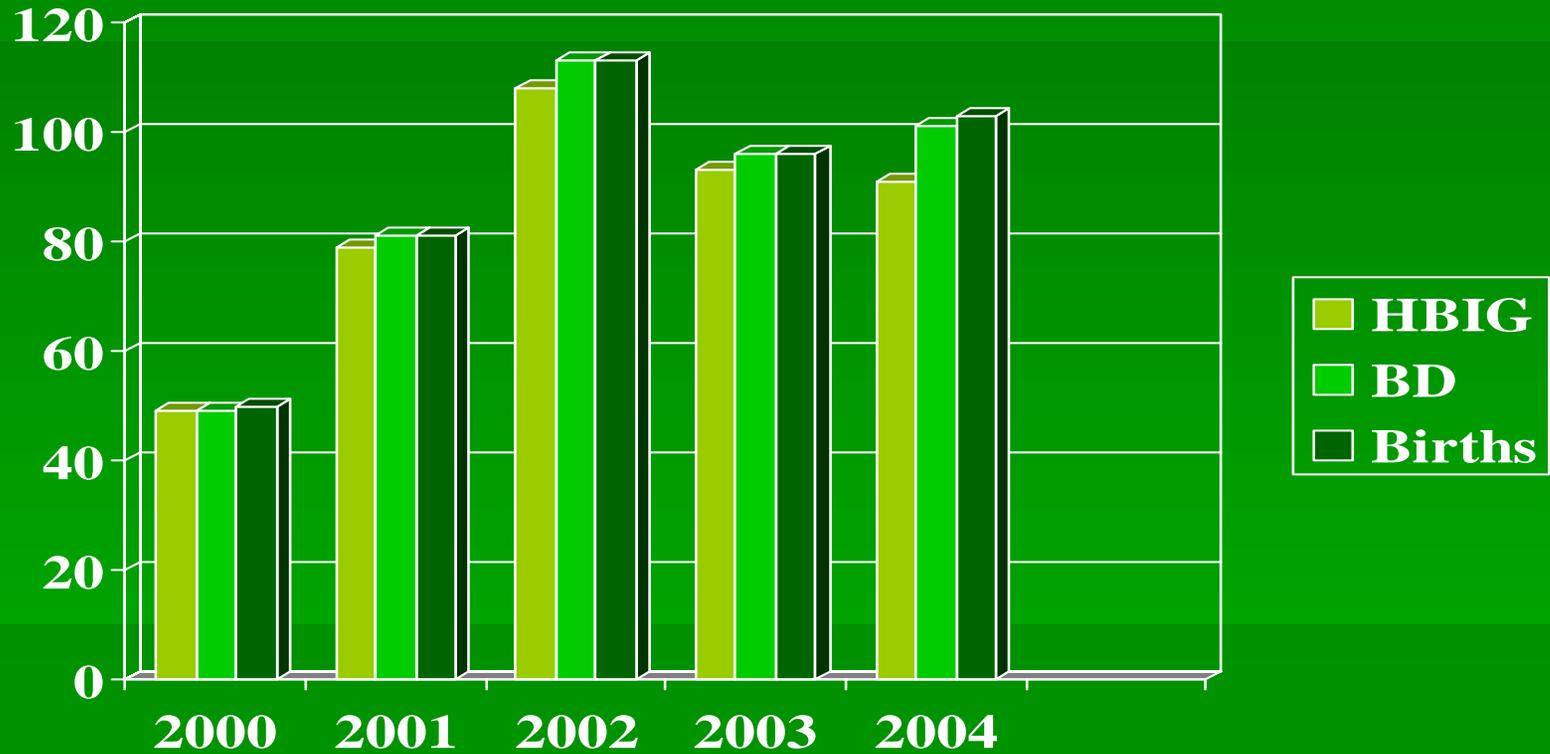
- Based on CDC annual assessment forms
- Each case optimally takes nine months to complete.
- Most cases take one year or longer which affects CDC results.
- Data includes Marion county (Indianapolis)-they use a different perinatal hepatitis b program and all data is county reported.

CDC Annual Assessment



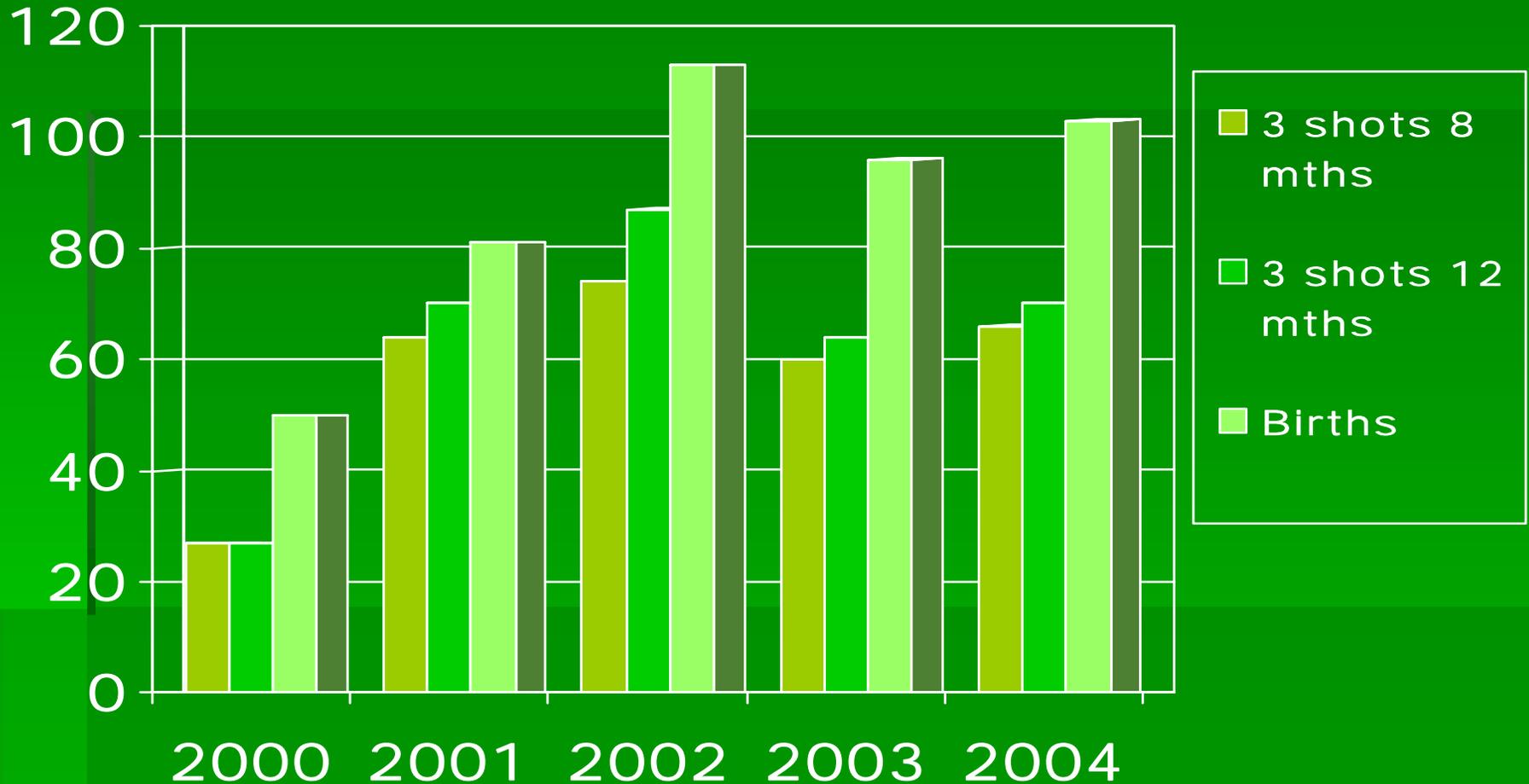
2004 data is preliminary

HBIG and Birth Dose



2004 data is preliminary

Vaccine Series Completion



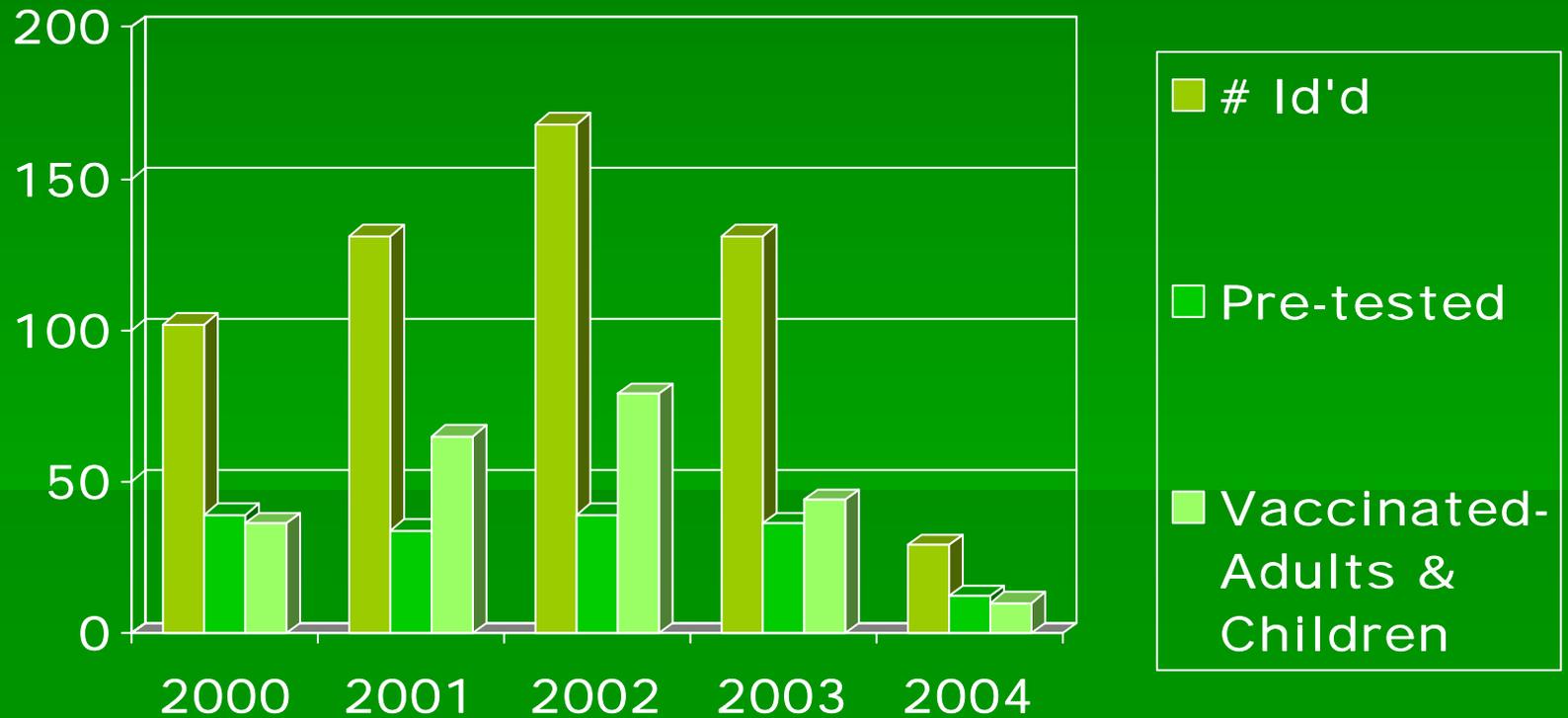
2004 data is preliminary

Serology Completion Rates



2004 is preliminary data

Contact Results



2004 data is preliminary

Methods

- Case identification
- Case Management
- Case Management Tools
- Partnerships
- Education

Case Identification

- Indiana's Reporting Rules

Effective 10/11/00

- All physicians, hospitals, and medical laboratories to report hepatitis B positive pregnant women with each pregnancy and all infants delivered to positive moms.

- Review ISDH perinatal hepatitis B screenings.

- Recommend re-testing in third trimester for clients with risk factors

Case Identification

- All hepatitis B labs are reviewed for women of child bearing age.
- Contact submitter of all hepatitis B positive lab reports of females of child-bearing age reported to ISDH to determine pregnancy status.
- Labs are forwarded to the field investigators.
- Local health departments are notified.
- 128 labs called on through July 2005
- 44 cases were identified.

Case Management

- Contact client
- Education of client
- Conduct contact investigation
 - Offer testing and vaccination to household and sexual contacts.
- Monitor infant's treatment
 - Prophylaxis at birth
 - Completion of vaccination series
 - Serology

Case Management Tools

- Case Investigation form
- PHB brochure
- Infant information form
- Certified letters/Faxes
- State letters for refusal to vaccinate or have serology
- Artemis-internet database for record keeping
- CHIRP-Indiana's vaccine registry
- Chronic Hep B sources for mom

Partnerships

- 94 Local Health departments and 98 birthing hospitals
 - Visit annually
 - Hospital Record Reviews
 - Review cases in county
 - Review PHB policies and procedures
 - Promote use of birth dose
 - 84 hospitals administering birth dose
- Physicians
 - Case Management

Education

Medical Providers

- Review policies and procedures
 - Reporting
 - Birth Dose
 - Immunization Schedules
 - Serology
- Offer Grand Rounds and in-services
- Exhibit at medical provider conferences

At Risk Populations

- Plainfield Juvenile Correction Facility-alternate years
- Health Fairs

Challenges

- Reporting issues
- Language barriers/interpreters
- Identifying contacts/testing/vaccinating
- Birth Dose
- Serology

Successes

- Increased case identification
- Increased infant completion with serology
- Increased hospitals giving birth dose
- Awarded “Outstanding Completion of HBIG and 3 Doses of hepatitis B Vaccine to Infants Born to HBsAg Positive Women for the year 2001”

Thank you

- PHB staff and supervisor
- Indiana State Department of Health Immunization Program
- Delaware County Health Department
- Those wanting information or forms may contact Beverly Sheets, RN at HepbBev@aol.com