

## Perinatal Hepatitis B

Infants born to a Hepatitis B Surface Antigen-positive (HBsAg+) mother can get Hepatitis B during delivery, and sometimes in utero. These are quick guidelines for testing and treatment.

About 40% of infants born to Hep B infected mothers in the US will develop chronic Hepatitis B infection

Of those children infected about 1/4th will die from liver cancer or liver failure as early as age 10

Post-exposure prophylaxis given within the guidelines, could prevent 85-95% of high-risk infants from developing Hep B

### Prenatal Provider / OBGYN

- **TEST** all pregnant women at first prenatal visit of **EACH** pregnancy
  - *Test even if tested before or had hepatitis B vaccine series*
- **SEND** copy of lab reports with the **HBsAg** results to the planned delivery hospital
- **REPORT** to Local Health Department all **HBsAg-positive** pregnant women within 1 week of identification
- **REFER** all HBsAg-positive women for medical management

### Labor and Delivery/Newborn Nursery

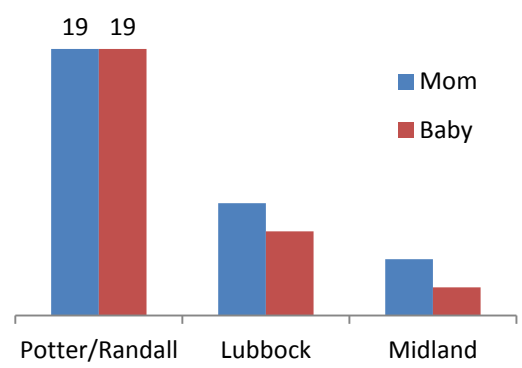
- **REVIEW** HBsAg status of **ALL** pregnant women
- **TEST** all pregnant women for HBsAg status at delivery
- **DOCUMENT** maternal HBsAg results in labor/delivery record, delivery summary and infant's medical record.
- **REPORT** all HBSAg positive and women of unknown HBsAg status to the Local Health Department
- **ADMINISTER** HBIG and HBV1 **within 12 hours of birth if mother is HBsAg positive or unknown**

### Pediatrician

- **HBIG** - Administer within 7 days of birth (if not administered at the hospital)
- **3 dose series of Hep B vaccine**
  - **First** within 12 hours of birth
  - **Second** at 1-2 months of age
  - **Third** at 6-18 months of age
  - **Fourth** Hep B vaccine needed if preterm infant <2,000g (4.4 lbs)
    - Refer to ACIP guidelines
- **Post Vaccine Serologic Testing (PVST) - 2 labs**
  - To be done 1-2 months after completion of Hep B series but not earlier than 9 months of age
  - **Order a HBsAg (Hepatitis B Surface ANTIGEN) lab**
  - **Order an anti-HBs (Hepatitis B Surface ANTIBODY) lab**

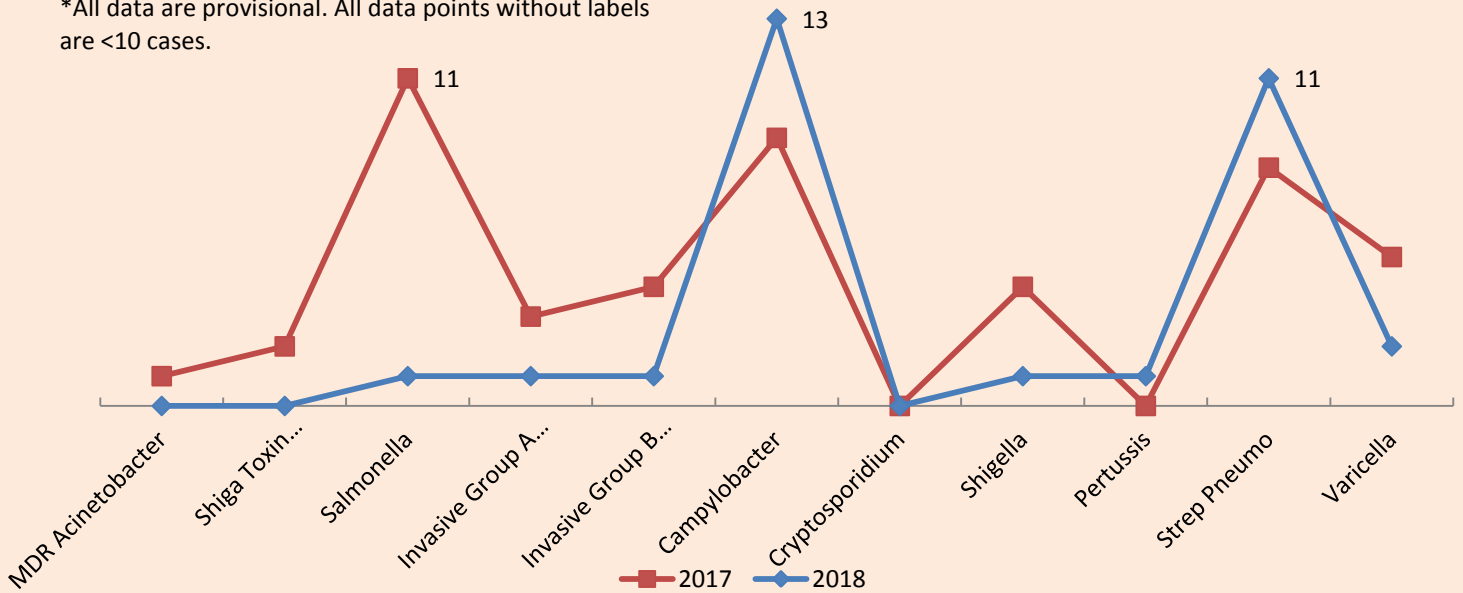
# 2015 Perinatal Hepatitis B Prevention Program Cases from Selected Counties

- Includes all mothers and infants who qualified to be case managed for Hep B prevention.



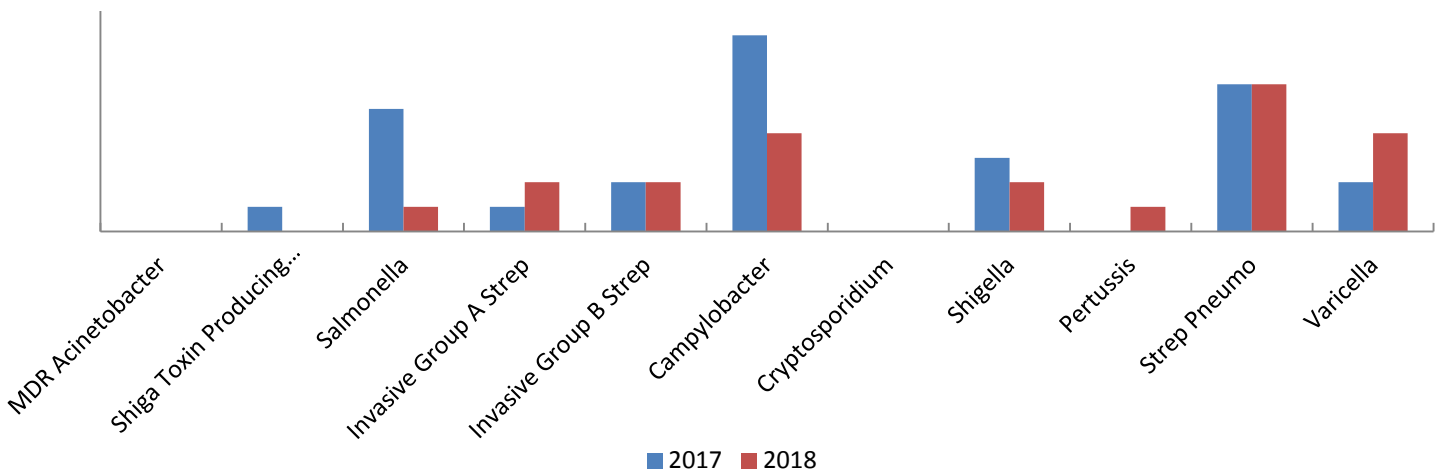
## 2017-2018 Jan-Feb Case Count Comparison of Selected Illness\*

\*All data are provisional. All data points without labels are <10 cases.



## February Case Comparison 2017 and 2018\*

\*All data are provisional. All data points without labels are <10 cases.



**In the past, the Health Department has used a fax system to disseminate health alerts and advisories. In order to convert to an email based system, please email [Mark.Price@amarillo.gov](mailto:Mark.Price@amarillo.gov)**

Communicable Disease Reporting  
 Gather patient demographics, relevant labs, and office notes  
 Fax all information with a coversheet to 806-378-6306, attn: Communicable Disease  
 For more information call: Laurie Burton – 806-378-6321 or Kirstin Williams – 806-378-6353  
 List: <http://www.dshs.texas.gov/idcu/investigation/conditions/>

