Hepatitis B Lab Results for Children 5 Years of Age and Younger Reported in MDSS

2017 – NEW reporting requirement - report all (positive, negative and indeterminate) hepatitis B surface antigen (HBsAg) and hepatitis B surface antibody (anti-HBs) results for children 5 years of age and younger. This new requirement is to improve post-vaccination serologic testing for infants born to HBsAg-positive mothers. http://www.michigan.gov/documents/mdch/Reportable_Diseases_Michigan_by_Condition_478488_7.pdf.

Processing hepatitis B lab results received on a child ≤ 5 years of age

- **HBsAg – negative** (regardless of any anti-HBs lab result)
  - Close as - Not a case/completed

- **HBsAg - positive** (regardless of any other hepB lab result)
  - Need to investigate
    - Indicate reason tested
    - Mom’s HBsAg status
    - Identify, test/treat contacts
    - Refer child for follow-up care

  - • Born in U.S., AND
  - • > 1 month of age, AND
  - • ≤ 24 months of age

  - • Not born in U.S., AND/OR
  - • < 1 month of age (and no hepB vaccine given), OR
  - • >24 months of age

Enter under **Perinatal** section and refer to the **PHBPP**

- If mom is HBsAg – positive:
  - Close as confirmed with the appropriate investigation status - completed, completed follow-up or superceded (if infant was previously reported)

- If mom is HBsAg – unknown:
  - Close as probable with the appropriate investigation status - completed, completed follow-up or superceded (if infant was previously reported)

For more information:

Enter under **Acute/Chronic HepB**

- Determine if meets case definition
- Close according to appropriate case status and investigation status

For more information:
https://wwwn.cdc.gov/nndss/conditions/hepatitis-b-acute/case-definition/2012/
OR
https://wwwn.cdc.gov/nndss/conditions/hepatitis-b-chronic/case-definition/2012/

Close as - Not a case/completed

- Not born in U.S., AND/OR
- • < 1 month of age (and no hepB vaccine given), OR
- • >24 months of age

For additional information, contact your MDHHS Regional Epidemiologist or PHBPP at 517-335-9443 or 313-456-4431.