

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

2017 – reporting requirement - report all hepatitis B surface antigen (HBsAg) and hepatitis B surface antibody (anti-HBs) results for children 5 years of age and younger. This 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** OR HBeAg or HBV DNA – positive
 - Need to investigate, **AND**
 - Indicate reason for testing
 - Verify mom's HBsAg status
 - Identify, test/treat contacts
 - Refer child for follow-up care

 - If born in U.S., **AND**
 - ≥ 1 month of age, **AND**
 - ≤ 24 months of age, **OR**

 - If HBeAg or HBV DNA positive, **AND**
 - ≥ 9 months of age, **AND**
 - ≤ 24 months of age

 - Enter under **Perinatal** section and **refer or send electronic fax to 517-763-0470** to the Perinatal Hepatitis B Prevention Program (PHBPP)
 - ✓ Close as **confirmed** with the appropriate investigation status - **completed, completed follow-up, or superceded** (if infant was previously reported)
 - ✓ Close as **probable** (*if mom's HBsAg status is unknown*) with the appropriate investigation status - **completed, completed follow-up, or superceded**

[Hepatitis B, Perinatal Infection 2017 Case Definition | CDC](#)

- If infant was not born in U.S., **AND/OR**
 - < 1 month of age (and no hepB vaccine given), **OR**
 - >24 months of age

- Enter under **Acute or Chronic HepB**
 - ✓ Determine if meets case definition
 - ✓ Close according to appropriate case status and investigation status

[Hepatitis B, Acute | CDC](#) **OR** [Hepatitis B, Chronic | CDC](#)

For more information, contact your [MDHHS Regional Epidemiologist](#) or the PHBPP at 517-242-8319, 517-388-4815 or 517-897-3236.