

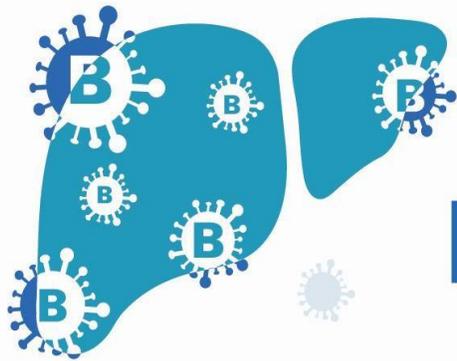
PHBPP WDRS GUIDE

A resource guide for entering data in WDRS for the perinatal hepatitis B prevention program (PHBPP)



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Hepatitis B

Features

- **Pregnancy Question Package:** allows users to enter data on pregnancy for HBV positive pregnant persons. Additionally, there are fields to enter data for the PHBPP and to add infants associated with the case.
 - **Birth Question Package:** allows users to enter data on birth for infants in the PHBPP. This includes data on vaccinations at birth, birth weight and relevant PHBPP information.
 - **Perinatal Wizard:** allows users to enter data on potential hepatitis B virus (HBV) perinatal cases exposed at birth in a streamlined way.
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Key Concepts:

- Both parent and infant will each have hepatitis B Washington Disease Reporting System (WDRS) events. Create an event for the infant after their birth.
- The infant's hepatitis B WDRS event is linked to the birthing parent's WDRS hepatitis B event; more than one infant can be linked to a single birthing parent.
- The infant's hepatitis B WDRS event uses the perinatal subtype and the LHJ classification of "**Perinatally exposed**" to indicate that it is a Perinatal hepatitis B Prevention Program (PHBPP) case.

PHBPP workflows overview

- ❖ HEP – Open PHBPP cases – infants [LHJ]
 - Reflects active and open events for infants who were born to HBV-positive pregnant persons.
 - Cases stay in this workflow until the infant completes post-vaccination serologic testing (PVST), moves out of jurisdiction, or is lost to follow up.
- ❖ HEP – Open PHBPP cases – pregnant persons [LHJ]
 - Reflects active and open events for HBV-positive pregnant persons.
 - Cases stay in this workflow until the associated infant completes the PHBPP, or the case moves out of jurisdiction, is lost to follow up, or the pregnancy ends in miscarriage or termination.
- ❖ HEP – Open perinatal HBV events [LHJ]
 - This workflow should only be for children who **DEVELOPED HBV INFECTION**. Infants who were just exposed should not be in this workflow, and if they are it’s likely because they have an LHJ case classification that is not “Perinatally exposed.”
 - Update the LHJ case classification to “Perinatally exposed” to move cases into the “HEP – Open PHBPP cases – infant [LHJ]” workflow where appropriate.
 - Cases will remain in this workflow until “LHJ record complete date” is filled in.
- ❖ HEP – HBV events where pregnancy is indicated [LHJ]
 - Reflects events with new lab results which indicate HBV-positive persons who may be pregnant.
 - Investigate each case in this workflow for pregnancy and if they are pregnant, enroll them in the PHBPP.

HEP.B03 - New HBV events [LHJ]	
☆	HEP - Potential acute HBV cases [LHJ]
☆	HEP - Potential HDV cases [LHJ]
☆	HEP - Potential perinatal HBV cases [LHJ]
☆	HEP - Potential chronic HBV cases [LHJ]
☆	HEP - New, unspecified HBV events [LHJ]
HEP.B04 - Open HBV events [LHJ]	
☆	HEP - Open PHBPP cases - infants [LHJ]
☆	HEP - Open PHBPP cases - pregnant persons [LHJ]
☆	HEP - Open acute HBV events [LHJ]
☆	HEP - Open perinatal HBV events [LHJ]
☆	HEP - Open HDV events [LHJ]
☆	HEP - Open chronic HBV events for persons born 1992 or later [LHJ]
☆	HEP - Open chronic HBV events [LHJ]
HEP.B05 - HBV review needed [LHJ]	
☆	HEP - Acute HBV events that have become chronic infections [LHJ]
☆	HEP - Chronic HBV events with new labs - Thurston [LHJ]
☆	HEP - HBV events where pregnancy is indicated [LHJ]
☆	HEP - HBV labs that need manual review [LHJ]
☆	HEP - HBV women of CBA to assess pregnancy [LHJ]
☆	HEP - Non-reportable chronic HBV events with new labs [LHJ]
☆	HEP - Perinatal HBV events that have become chronic infections [LHJ]
☆	HEP - HBV events that need case follow-up

Reviewing HBV events where pregnancy is indicated

- Confirm the address is a home address and the person is in the correct accountable county
- If “WDRS pregnancy indicated” is “Yes”, select “Yes” in the field “Lab report reviewed – LHJ” for that lab.

Lab report information	
WELRS ID (PHRED ID)	121230418
Submitter	Laboratory Corporation Of America (LabCorp)
Lab report reviewed - DOH	<input type="checkbox"/>
Lab report reviewed - LHJ	<input checked="" type="checkbox"/>

Patient information	
Date of birth:	██████████
Patient date of birth PID07 literal:	██████████
WELRS patient age at specimen collection:	35
WELRS patient age at specimen collection - units:	Years
WDRS pregnancy indicated:	Yes
Administrative sex (ELR):	Female
Race:	Native Hawaiian or Other Pacific Islander
Ethnicity:	Not Hispanic or Latino Not Hispanic or Latino

Entering Parent Information in WDRS

1. Begin with creating/updating parent’s WDRS event. Enter parent’s case information in the event (using question packages or wizards).
2. Enter pregnancy information in the Pregnancy question package. After you select Pregnant = “Yes” the additional pregnancy questions will appear including the PHBPP fields.

Yellow = required

Green = required if yes/applicable

Pregnant	Yes <input type="button" value="Add New"/>
"Pregnant" answered date	02/24/2025
Date of lab where pregnancy indicated	MM/DD/YYYY
Date that the individual was assessed for pregnancy	MM/DD/YYYY
Pregnancy reporting source	
Subtype at time of this pregnancy	
Mother's HBsAg status identified	
Reported to Perinatal Hepatitis B Prevention Program (PHBPP)	
Date enrolled in the PHBPP for this pregnancy	MM/DD/YYYY
* Estimated delivery date	MM/DD/YYYY
Pregnant with multiples	
Prenatal care practice	Not answered
Prenatal care provider	Not answered
Pregnancy outcome	<input type="checkbox"/> Live birth <input type="checkbox"/> Miscarriage <input type="checkbox"/> Stillbirth <input type="checkbox"/> Elective termination
Delivery date	MM/DD/YYYY
Delivery hospital	Not answered
OB name	Not answered
OB address	
OB phone	
Complications during pregnancy	
Infant WDRS event ID(s)	
* PHBPP status - this pregnancy	
Individual moved to or from another state or country while enrolled in the PHBPP	
Comments	

- o Indicate if parent moved to or from another state

Perinatal Hepatitis B Prevention Program (PHBPP) Information	
Perinatal Hepatitis B Prevention Program (PHBPP) Case ID	
LHJ PHBPP ID	
Date the individual was first enrolled in the Perinatal Hepatitis B Prevention Program (PHBPP)	MM/DD/YYYY
PHBPP status - mother	Active - infant follow-up
Individual moved to or from another state or country while enrolled in the PHBPP	

3. **After birth**, add the infant information to the parent’s HBV event in the Pregnancy question package by answering “Yes” to “Would you like to add a new infant?”

The screenshot shows the 'Infant Information' form. At the top, there is a question: 'Would you like to add a new infant?' with a dropdown menu. The 'Yes' option is selected. Below the question, there is a note: '* Indicates required field'. At the bottom of the form, there are three buttons: 'Save', 'Cancel', and 'Help'.

4. After selecting to add an infant to the event, search for an existing WDRS event.

The screenshot shows the 'Infant Information' form. The question 'Would you like to add a new infant?' is followed by a dropdown menu set to 'Yes' and an 'Add New' button. Below this, there are two search options: 'Search for existing event' and 'Search for existing person'. Both search options are currently set to 'Not answered'. There are also icons for help and search, and a trash can icon.

5. If the infant does not exist in WDRS, add the infant under the infant information. This will create a new WDRS event which automatically links to the parent. Be sure to fill out the parent’s address in the infant information section.

The screenshot shows the 'Infant Information' form with the following fields and values:

Infant Information	
Would you like to add a new infant? ☺	Yes ▾ Add New
Search for existing event ⓘ	Not answered
Search for existing person ⓘ	Not answered
Existing person not found - add new	Add new person and event ▾
Infant's first name	Baby
Infant's last name	HepBPregnant
Infant's WAIS number	
Infant's date of birth	09/06/2022
Infant's age calculated from date of birth	1
Sex at birth	Female ▾
Select Infant's Address	
Street address	123 Main Street
Street address 2	
City	Spokane
State	WA ▾
Zip code	99208
County	Spokane County
Country	USA
Where was infant born	▾
Delivery facility	Not answered
Delivery provider	Not answered
Create/Edit Infant	
Are you ready to save and copy this information to the other event?	Yes ▾
<p>To edit fields, clear the copy question above. When ready to commit changes, set copy question above to 'Yes' and save.</p>	

Entering Infant Information in WDRS

All infants under the PHBPP will have their own WDRS event ID. Perinatal cases are marked as perinatal subtype with an LHJ classification of “Perinately exposed.” Cases should only be marked as LHJ classification “Confirmed” if they later become a reportable HBV case. Please **do not use** “Exposure” as a classification for PHBPP infants

6. Navigate to the linked infant event to continue entering information about the birth of the infant.
7. Select the PERINATAL hepatitis B subtype, check “confirm”¹ and select the **Save and Stay** button in the top right corner. This allows other fields to appear.

Disease Status	
Select 'Yes' to enter data for an ACUTE hepatitis B case	<input type="checkbox"/>
Select 'Yes' to enter data for a CHRONIC hepatitis B case	<input type="checkbox"/>
Select 'Yes' to enter data for a PERINATAL case	<input checked="" type="checkbox"/> Yes
Confirm perinatal case	<input checked="" type="checkbox"/> Yes
By: Meghan McCausland Date and time: 11/03/2023	

<input type="button" value="Save"/>	<input checked="" type="button" value="Save & Stay"/>	<input type="button" value="Cancel"/>
<input type="button" value="Expand Details"/>		

8. After clicking Save and Stay, select “**Perinately exposed**” from the drop-down list to indicate that this is a PHBPP case. Ensure address and county are correct and highlighted areas are completed.

ADMINISTRATIVE	
Select 'Yes' to enter data for a PERINATAL case	<input checked="" type="checkbox"/> Yes
Confirm perinatal case	<input checked="" type="checkbox"/> Yes
By: Tessa Fairfortune Date and time: 03/28/2024	
Unlock	<input type="checkbox"/> Yes
Hepatitis D co-infected	<input type="checkbox"/>
PERINATAL EVENT ADMINISTRATION	
Select the reporting address to assign the county of diagnosis.	
Street address	123 Main St
Street address 2	
City	Spokane
State	WA
Zip code	99208
County	Spokane County
Country	
Washington state resident	<input checked="" type="checkbox"/> Yes
* Accountable county, perinatal	Spokane County
* LHJ notification date	MM/DD/YYYY
* Investigator	
Investigation start date	MM/DD/YYYY
* Investigation status	
LHJ investigation complete date	MM/DD/YYYY
* LHJ case classification	Perinately exposed

¹ In this circumstance you are confirming that you want to treat this case as a perinatal event, rather than as an acute or chronic event. This is not the same as designating a case classification of “Confirmed.”

- Navigate to the **Birth question package** to enter data regarding the infant's birth, HBV vaccine birth doses, HBIG information and other relevant information for perinatally exposed infants.

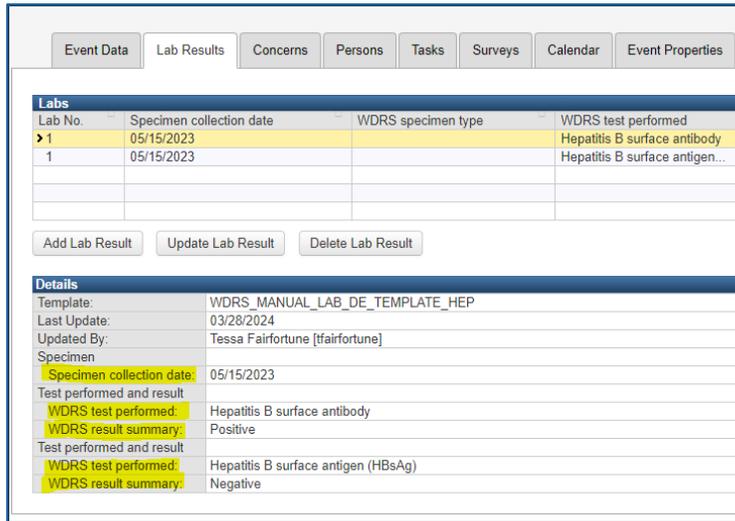
Information About The Birth	
Born inside US	No
* Date birth reported	MM/DD/YYYY
* Birth reporting source	<input type="text"/>
Birth order	<input type="text"/>
Birth weight < 2,000g/4.41 lbs	<input type="text"/>
Maternal Information	
Birth mother race or ethnicity known	<input type="text"/>
Birth mother born outside of USA	<input type="text"/>
Birth mother confirmed HBsAg positive prior to or at time of delivery	<input type="text"/>
Birth mother confirmed HBsAg positive after delivery	<input type="text"/>
* Birth mother HBsAg status identified	<input type="text"/>
Birth mother confirmed Hepatitis B e antigen (HBeAg) positive	<input type="text"/>
Infant Vaccination History	
Washington Immunization Information System (WA IIS) number	<input type="text"/>
Received HBIG	Yes <input type="checkbox"/>
* Date received	09/06/2022
* Timing of HBIG	<input type="text"/>
Received hepatitis B containing vaccine	Yes <input type="checkbox"/>
Number of doses	<input type="text"/>
Date of vaccine administration	09/06/2022
Vaccine administered (type)	<input type="text"/>
Information source	<input type="text"/>
Vaccine brand name	<input type="text"/>
Vaccine manufacturer	<input type="text"/>
Vaccine lot number	<input type="text"/>
Administering provider	Not answered
Date of vaccine administration	10/08/2022
Vaccine administered (type)	<input type="text"/>
Information source	<input type="text"/>
Vaccine brand name	<input type="text"/>
Vaccine manufacturer	<input type="text"/>
Vaccine lot number	<input type="text"/>
Administering provider	Not answered
Date of vaccine administration	03/09/2023 Add New
Vaccine administered (type)	<input type="text"/>
Information source	<input type="text"/>
Vaccine brand name	<input type="text"/>
Vaccine manufacturer	<input type="text"/>
Vaccine lot number	<input type="text"/>
Administering provider	Not answered
Perinatal Hepatitis B Prevention Program (PHBPP) Information	
Perinatal Hepatitis B Prevention Program (PHBPP) Case ID	<input type="text"/>
LHJ PHBPP ID	<input type="text"/>
PHBPP status - infant	Inactive due to immune - <13 months <input type="checkbox"/>
PHBPP case management end date	MM/DD/YYYY
Date pregnancy reported	MM/DD/YYYY
Pregnancy number	<input type="text"/>
Individual moved to or from another state or country while enrolled in the PHBPP	<input type="text"/>
Pediatric practice	Not answered
Pediatric provider	Not answered
Guardian(s) other than birth mother	<input type="text"/>

10. Also update insurance and demographic information for both the parent and the infant.
 These can be found at the Event Data tab on the event dashboard and through the Hepatitis B – Perinatal wizard.

General Demographics	
* Date of birth	09/06/1994
Age at time of reporting	27
* Sex	Female
Current gender	
Transgender	
* Ethnicity	Non-Hispanic, Latino/a, Latin
Race Suggested open-ended language if interviewing patient: What race or races do you consider yourself (your child)? You can be as broad or specific as you'd like. Indicate ALL race values reported under "Race" and "Additional race(s)" fields.	
* Race	<input type="checkbox"/> American Indian or Alaska Native <input type="checkbox"/> Asian <input type="checkbox"/> Black or African American <input checked="" type="checkbox"/> Native Hawaiian or other Pacific Islander <input type="checkbox"/> White <input type="checkbox"/> Patient declined to respond <input type="checkbox"/> Unknown <input type="checkbox"/> Other race
*Specify whether American Indian and/or Alaska Native (required if available)	<input type="checkbox"/> American Indian <input type="checkbox"/> Alaska Native <input checked="" type="checkbox"/> Not Applicable
*Specify whether Native Hawaiian and/or other Pacific Islander (required if available)	<input type="checkbox"/> Native Hawaiian <input checked="" type="checkbox"/> Pacific Islander <input type="checkbox"/> Not Applicable
* Additional race(s)	Marshallese Add New
Country of birth	Marshall Islands
Primary/preferred language	Marshallese
Translator needed	Yes

Insurance	
Insurance status date	01/11/2022 Add New
Patient has insurance	Yes
Type of insurance (select all that apply)	
Medicare	<input type="checkbox"/> Yes
Medicaid	<input checked="" type="checkbox"/> Yes
VA/military	<input type="checkbox"/> Yes
Employer	<input type="checkbox"/> Yes
Individual	<input type="checkbox"/> Yes
Other	

- Upon completion, add post vaccination serologic testing (PVST) results in the Lab Results tab on the dashboard of the infant event. Resource here: [WDRS Lab Results Instruction Manual DOH](#)

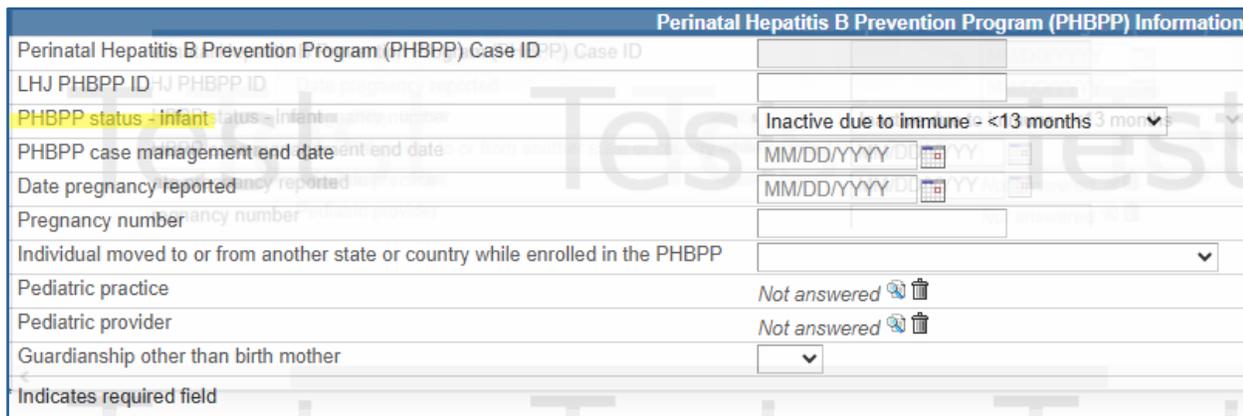


Lab No.	Specimen collection date	WDRS specimen type	WDRS test performed
1	05/15/2023		Hepatitis B surface antibody
1	05/15/2023		Hepatitis B surface antigen...

Add Lab Result Update Lab Result Delete Lab Result

Details
 Template: WDRS_MANUAL_LAB_DE_TEMPLATE_HEP
 Last Update: 03/28/2024
 Updated By: Tessa Fairfortune [tfairfortune]
 Specimen
 Specimen collection date: 05/15/2023
 Test performed and result
 WDRS test performed: Hepatitis B surface antibody
 WDRS result summary: Positive
 Test performed and result
 WDRS test performed: Hepatitis B surface antigen (HBsAg)
 WDRS result summary: Negative

- Finally, update the infant’s status field. Infants will remain in the “Open PHBPP cases – infants [LHJ]” workflow until one of the Inactive statuses is selected.



Perinatal Hepatitis B Prevention Program (PHBPP) Case ID: []

LHJ PHBPP ID: [] PHBPP ID: []

PHBPP status - infant: Inactive due to immune - <13 months

PHBPP case management end date: MM/DD/YYYY

Date pregnancy reported: MM/DD/YYYY

Pregnancy number: []

Individual moved to or from another state or country while enrolled in the PHBPP: []

Pediatric practice: Not answered

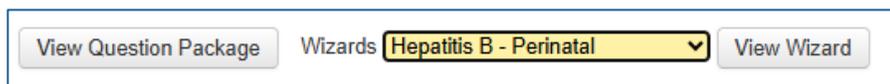
Pediatric provider: Not answered

Guardianship other than birth mother: []

Indicates required field

Alternate data entry option: Use the Hepatitis B - Perinatal Wizard

The perinatal wizard contains questions relevant to perinatal case investigation. Data entered within the perinatal wizard will automatically be saved in the question packages as well.



View Question Package Wizards: Hepatitis B - Perinatal View Wizard

RESOURCES

WDRS Resources	
WDRS Hepatitis Manuals	Published WDRS manuals for the Hepatitis (B & C) model
WDRS Quick Start Lab Information (last update 1/2023)	Entering lab results reference
Hepatitis WDRS Training Videos	Viral hepatitis specific WDRS training videos (SharePoint webpage)
WDRS Hepatitis training on data flow and intro to workflows	Slides from "Intro to Hepatitis data flow and workflows in WDRS" training video
General WDRS Training Videos	General WDRS training videos (SharePoint webpage)

PHBPP Resources	
Perinatal Hepatitis B Prevention Program Guidelines Washington State Department of Health	DOH PHBPP webpage
Perinatal Hepatitis B Prevention Program Guidelines	DOH PHBPP Guidelines
Management of Infants Born to Women with Hepatitis B Virus Infection for Pediatricians (cdc.gov)	CDC tip sheet