

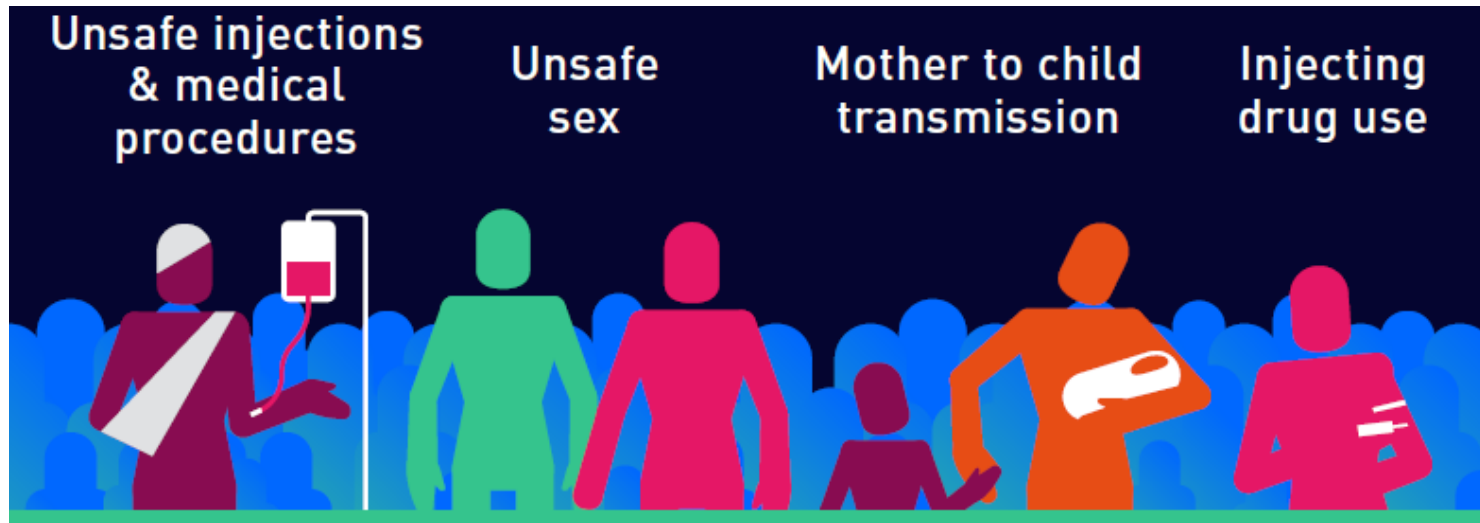
The Link Between Hepatitis B and Liver Cancer

Prepared for Think About the Link Congressional Families Briefing | June 15, 2017



Hepatitis B Virus

The **most common serious liver infection in the world** – chronically affecting 240 million worldwide, and over 2 million Americans.

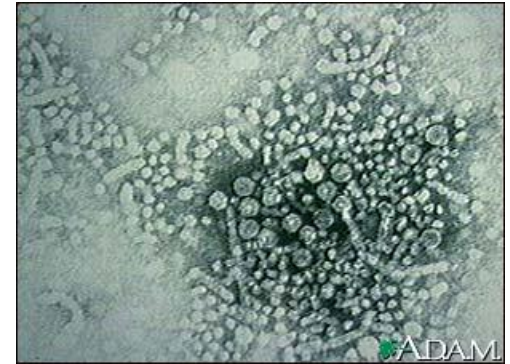


- 1 million new infections annually and 50,000– 70,000 in the U.S.
- **Prevention:** Safe and effective 3-dose vaccine - HBV vaccine is first “anti-cancer” vaccine

HBV and Liver Cancer

Left untreated, 1 in 4 will develop liver disease or liver cancer

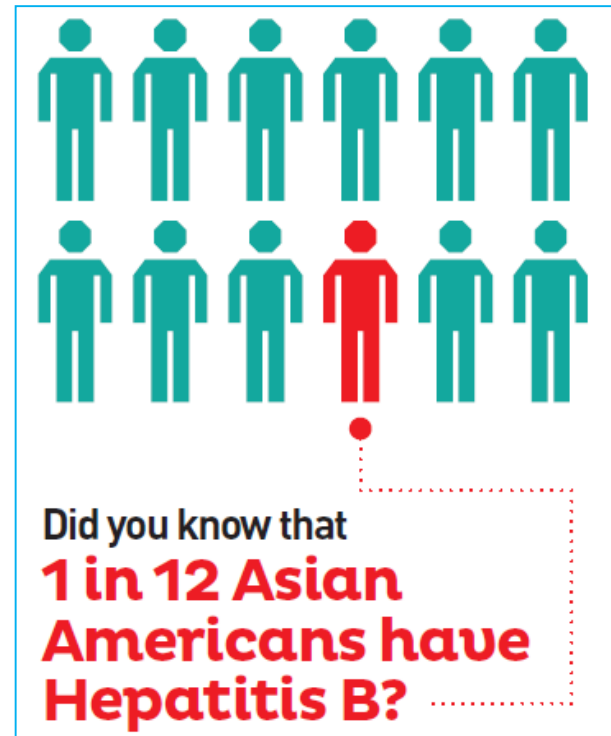
- HBV causes 700,000 deaths each year worldwide due to cirrhosis, primary liver cancer (HCC), and liver failure
- HBV is #1 cause of liver cancer globally – the 2nd deadliest cancer in the world
- **In the U.S., primary liver cancer is the only cancer rising in incidence and mortality rates**
- **The relative 5-year survival rate is 16.6%**



Up to 25% of people
with Hepatitis B
**Develop serious
liver problems**

Hepatitis B Health Disparities

- Asian Americans & Pacific Islanders carry 50% of chronic HBV burden
- 5% - 15% infection rates have been found in African-born community-based studies in the U.S.
- Double the rate of liver cancer
- Six times the rate of HBV-related mortality



Hepatitis B and the Opioid Epidemic

For the first time since 2006, the number of reported cases of acute HBV infection across the country is rising - increased by 20.7% in 2015 alone.

Where?

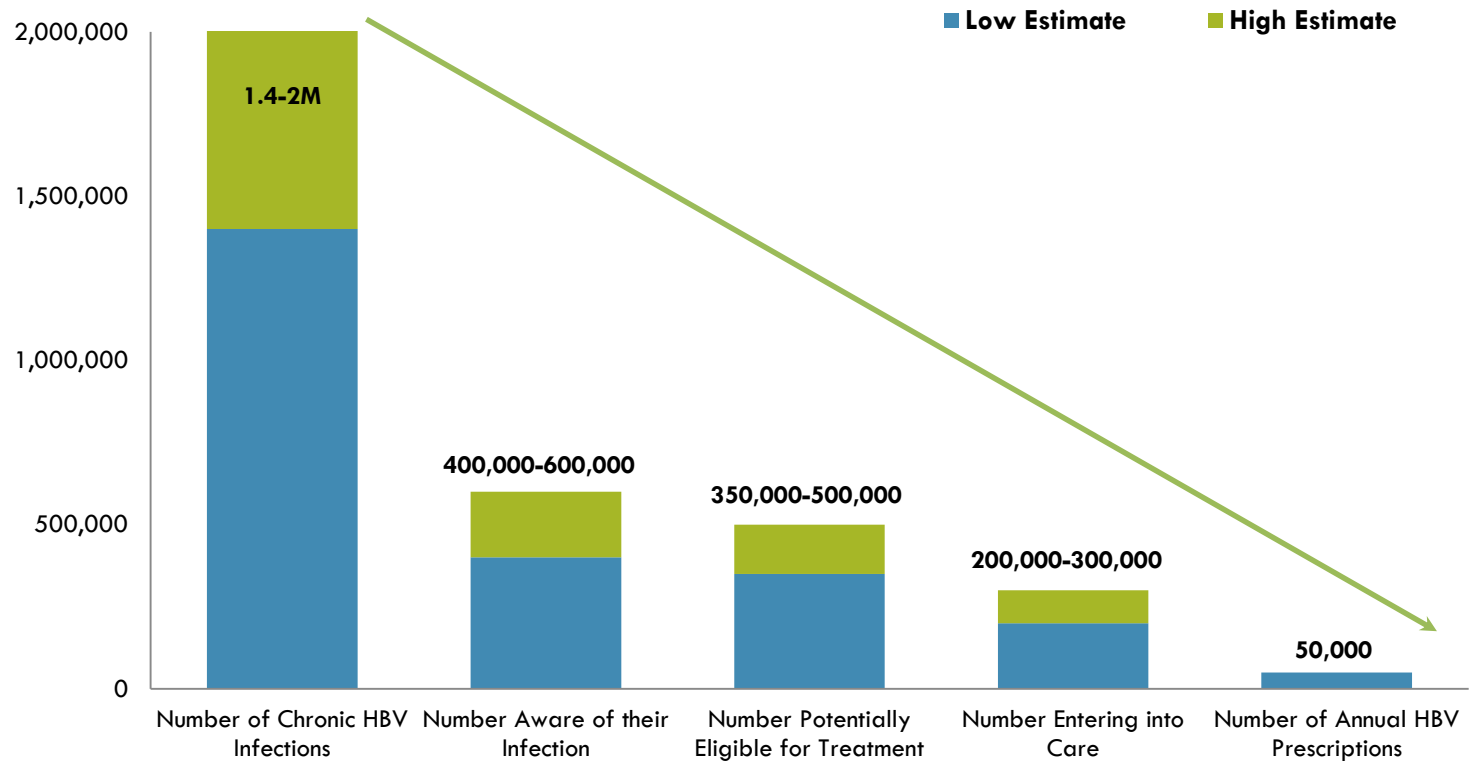
- Kentucky, Tennessee, and West Virginia: 114% increase (2009-2013)
- North Carolina: 56% increase (2014-2016)

Who is it impacting?

- Rural communities
- Younger population (under 40)
- Non-Hispanic whites
- 30-39 years
- Injection drug users

HBV Care Cascade

Only 25% of infected Americans are diagnosed
Less than 10% of all infected Americans are treated




Increasing HBV Awareness and Testing



Loving your family starts with
CARING FOR YOURSELF

.....

Talk to your doctor about getting tested for Hepatitis B.




LOVING YOUR FAMILY STARTS WITH GETTING A
HEPATITIS B BLOOD TEST.

YÊU THƯƠNG GIA ĐÌNH BẮT ĐẦU VỚI VIỆC
**THỬ NGHIỆM MÁU
VE VIÊM GAN B.**



B형간염혈액검사,
가족 사랑의 시작입니다.

愛家人從接受
**乙型肝炎
血液檢查**開始。



U.S. Department of Health and Human Services
Centers for Disease Control and Prevention

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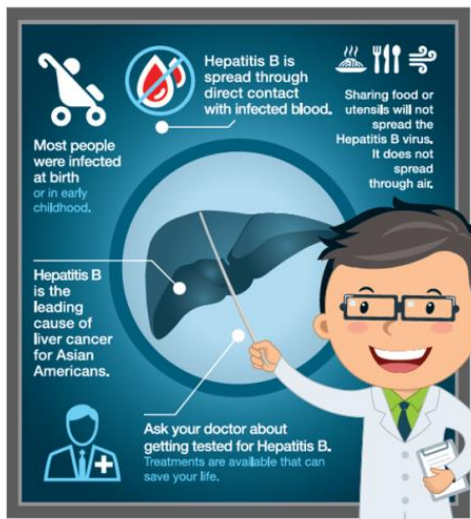


Hep B United

hepbunited.org

A Lesson on Hepatitis B That Could Save Your Life

CDC recommends Asian Americans get tested for Hepatitis B




Hepatitis B is spread through direct contact with infected blood. Sharing food or utensils will not spread the Hepatitis B virus. It does not spread through air.



Most people were infected at birth or in early childhood.

Hepatitis B is the leading cause of liver cancer for Asian Americans.

Ask your doctor about getting tested for Hepatitis B. Treatments are available that can save your life.



U.S. Department of Health and Human Services
Centers for Disease Control and Prevention



#justB

Real People Sharing their Stories of Hepatitis B



**AWARENESS
HEPATITIS
MONTH**

#justB

*Everyone has a story.
Honor those who share their stories by getting tested for
hepatitis B this month.*

www.hepb.org/justb

Kim: #justB *courageous*

- Please click the link below to view the video:

<https://drive.google.com/file/d/0B4Z1QO2r2IIMMGFUWFN5WXpUcTQ/view>



The Hepatitis B Foundation is the only national nonprofit organization dedicated to finding a cure and improving the quality of life for those affected by hepatitis B worldwide.

- Drug discovery and early detection methods for cirrhosis and HCC
- Outreach, Education & Support
- Public Health Research
- National Advocacy

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