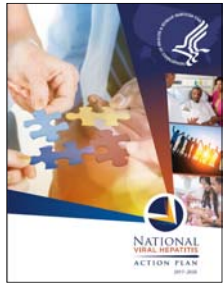


# National Viral Hepatitis Action Plan, 2017–2020

*Ending the Epidemic*

**2018 Viral Hepatitis Conference**  
July 31, 2018



Office of HIV/AIDS and Infectious Disease Policy  
Office of the Assistant Secretary for Health, Department of Health and Human Services

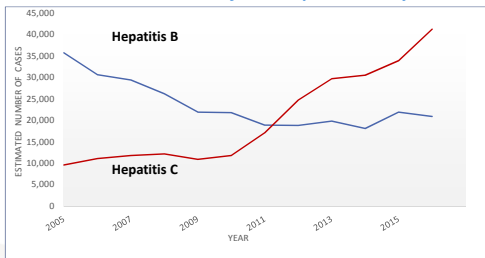
**Figure 3.2. Incidence of acute hepatitis B, by age group — United States, 2001–2016**



NATIONAL VIRAL HEPATITIS ACTION PLAN

## Acute Viral Hepatitis Cases are Increasing

*Over 22,000 Americans die of viral hepatitis each year*



Source: National Notifiable Diseases Surveillance System (NNSS)

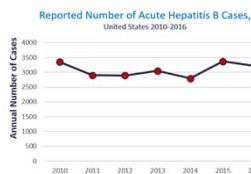
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**Figure 3.3. Incidence of acute hepatitis B, by sex — United States, 2001–2016**



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## Progress on Preventing Hepatitis B Infections Has Stalled

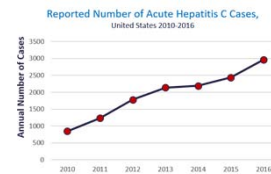


- Some states saw sharp increases in 2016
  - Florida
  - Indiana
  - Kentucky
  - Maine
  - Ohio
  - West Virginia
- 9 states had increases
- 17 states had decreases
- 21 states were unchanged

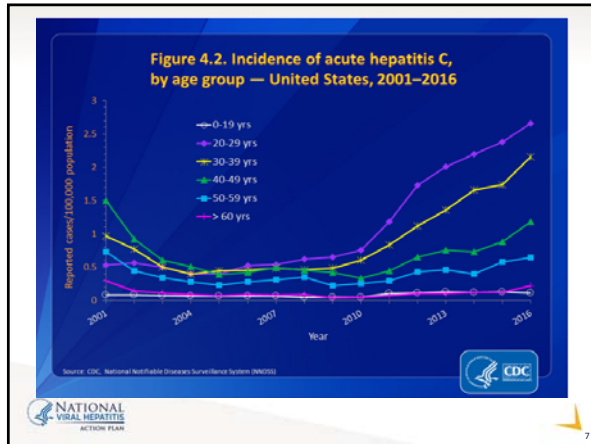
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## We Are Losing Ground in the Fight Against New Hepatitis C Infections

- New hepatitis C infections increased 350% from 2010 – 2016
- 8 states accounted for more than half of all infections
- 21 states saw increases
- 2 states saw decreases
- 17 states were unchanged

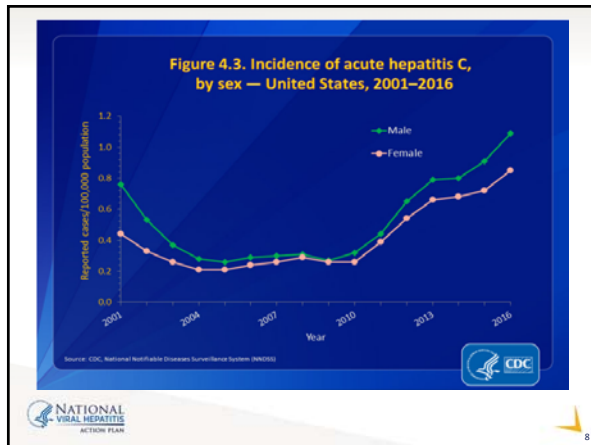


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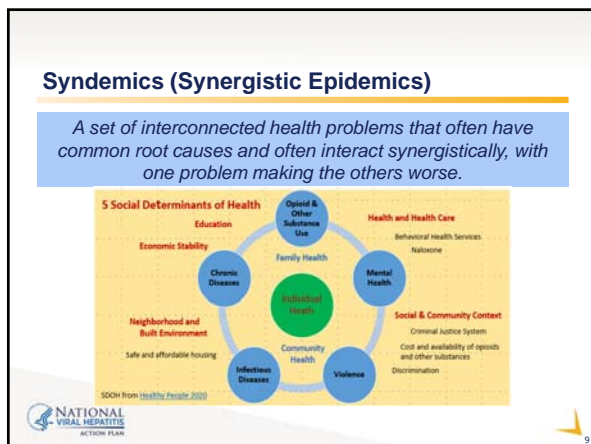
**Viral Hepatitis in Kentucky:**  
Challenges & progress in eliminating viral hepatitis.



**Challenges in Eliminating Viral Hepatitis**

- 1 in 56** births were to mothers diagnosed with HCV
- 1,000** children born to mothers with HCV in 2014
- 200%** rise in the incidence of HCV among women of childbearing age
- Incidence of HBV in KY is **more than 3x** the national Healthy People 2020 goal
- 542** children with no record of HCV screening born to women with HCV
- 1000** new cases of hepatitis A in KY since August 2017

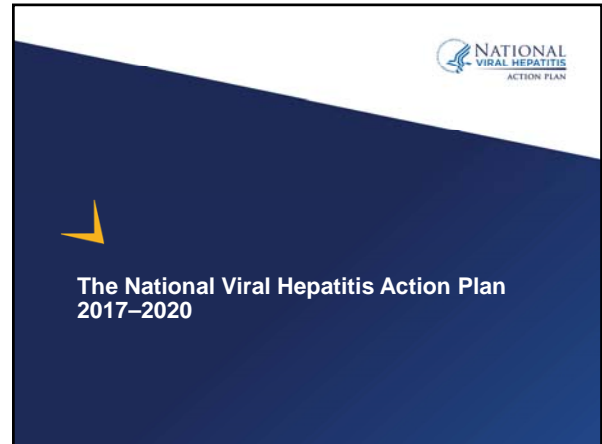
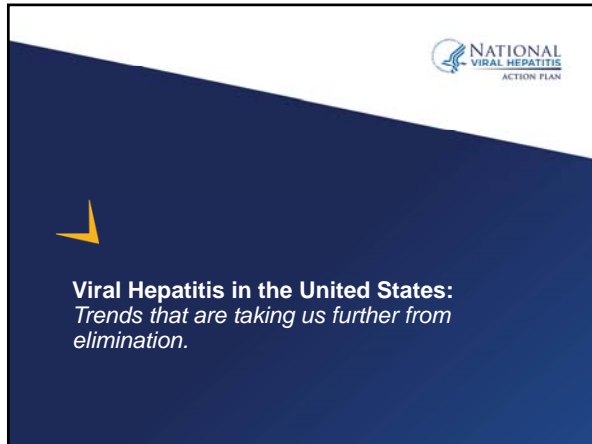
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**Elimination is the Goal**

- Changed Medicaid benefits to reduce hepatitis treatment barriers
- Introduced mandatory HCV testing for all pregnant women
- Provided free HCV screenings throughout the state

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### Trending away from Elimination

- More than **4 million Americans** infected with HBV or HCV
- Increases in cases of infectious diseases can be attributed to increases in **injection drug use**
- Increases in **opioid and heroin use** are fueling HCV transmission, state increases in HBV, and HAV outbreaks
- **Incarcerated individuals** are at increased risk for infectious disease

NATIONAL VIRAL HEPATITIS ACTION PLAN

### National Viral Hepatitis Action Plan, 2014-2016

91% of planned actions were initiated or completed by our federal partners.

- Increase proportion of persons aware of their HCV infection
- Increase the HCV "birth dose" coverage
- Reduce mortality related to HBV & HCV infection
- Reduce new cases of HCV infection
- Reduce occupational transmission / HBV vaccination (staff)

NATIONAL VIRAL HEPATITIS ACTION PLAN

### Global Elimination Goals from WHO

Target Area	Baseline 2015	2020 Target	2030 Target	
Service coverage	Prevention			
	1. Three-dose hepatitis B vaccine for infants (coverage %)	82%	90%	90%
	2. Prevention of mother-to-child transmission of HBV; hepatitis B birth-dose vaccination or other approaches (coverage %)	38%	50%	90%
	3. Blood safety: donations screened with quality assurance (coverage %)	89%	95%	100%
	4. Injection safety: use of engineered devices (coverage %)	5%	50%	90%
	5. Harm reduction (sterile syringe/needle set distributed per person per year for people who inject drugs) (PWID)	20	200	300
Treatment	5a. Diagnosis of HBV and HCV (coverage %)	<5%	30%	90%
	5b. Treatment of HBV and HCV (coverage %)	<1%	5 million (HBV) 3 million (HCV)	80% eligible treated
Impact leading to elimination	Incidence of chronic HBV and HCV infections	6-10 million	30% reduction	90% reduction
	Mortality from chronic HBV and HCV infections	1.46 million	30% reduction	65% reduction

NATIONAL VIRAL HEPATITIS ACTION PLAN

### National Viral Hepatitis Action Plan

**A battle plan for our nation's response**

- Updated for 2017 – 2020
- Sets goals, priorities, and measurable targets
- Describes recommended actions
- Promotes transparency, and accountability
- National plan for all stakeholders

NATIONAL VIRAL HEPATITIS ACTION PLAN

## Vision





### The United States

will be a place where new viral hepatitis infections have been eliminated, where all people with chronic hepatitis B and C know their status, and everyone with chronic hepatitis B and C has access to high quality health care and curative treatments, free from stigma and discrimination.

## Action Plan Response to Opioid Epidemic

- Expanded access to:
  - substance use disorder treatment and
  - syringe services programs
- Comprehensive prevention strategies:
  - Provider education
  - Risk reduction counseling
  - HBV vaccination
  - HIV and HCV testing and referral to care
- Naloxone distribution efforts

## National Goals

- GOAL 1**  Prevent New Viral Hepatitis Infections
- GOAL 2**  Reduce Deaths and Improve the Health of People Living with Viral Hepatitis
- GOAL 3**  Reduce Viral Hepatitis Health Disparities
- GOAL 4**  Coordinate, Monitor, and Report on Implementation of Viral Hepatitis Actions

## Opioid Crisis and the Growing Number of Health Consequences

- **Infectious Disease Consequences**
  - HIV
  - Hepatitis B & Hepatitis C
  - Invasive Methicillin-Resistant Staphylococcus aureus (MRSA)
  - Endocarditis
  - Skin, bone, and joint infections
- **Effects on fetus, newborn, and child**

### HIDDEN CASUALTIES



## Eleven Priority Populations



**Getting back on the track to elimination:**  
*The role of community and government.*

## Community & Government Roles



## Actions that will get us to Elimination

- **Vaccinate**
  - Hepatitis A vaccine
  - Hepatitis B vaccine
- **Test**
  - HCV: Antibody screening test, Diagnose using a PCR test
  - HBV: test and/or vaccinate if susceptible
  - HAV: test and/or vaccinate if susceptible
- **Treat**
  - All persons with chronic HCV as described in the expert recommendations at [www.hcvguidelines.org](http://www.hcvguidelines.org)
  - All persons recommended for HBV treatment by AASLD, available at: <https://www.aasld.org/publications/hepatitis-b-chronic>

## Addressing Viral Hepatitis

*Get creative in approaches to helping people at risk for viral hepatitis.*

Consider how to:

- Expand partnerships to educate, prevent, and test for viral hepatitis
- Implement strategies to extend treatment
- Integrate activities serving people impacted by addiction

**With over 4 million people with chronic infection, we need all of our human resources.**



**We can only achieve our vision if we all do our part and work effectively and strategically with each other.**

***Thank you for your work!***

For more information and resources, visit [hhs.gov/hepatitis](http://hhs.gov/hepatitis)

## The Partner Planning Guide

**Will help organizations to:**

- Chart a course of action based on the needs of your clients and communities
- Engage a diverse set of stakeholders
- Grow the tent of experts and workers
- Be more strategic & effective

