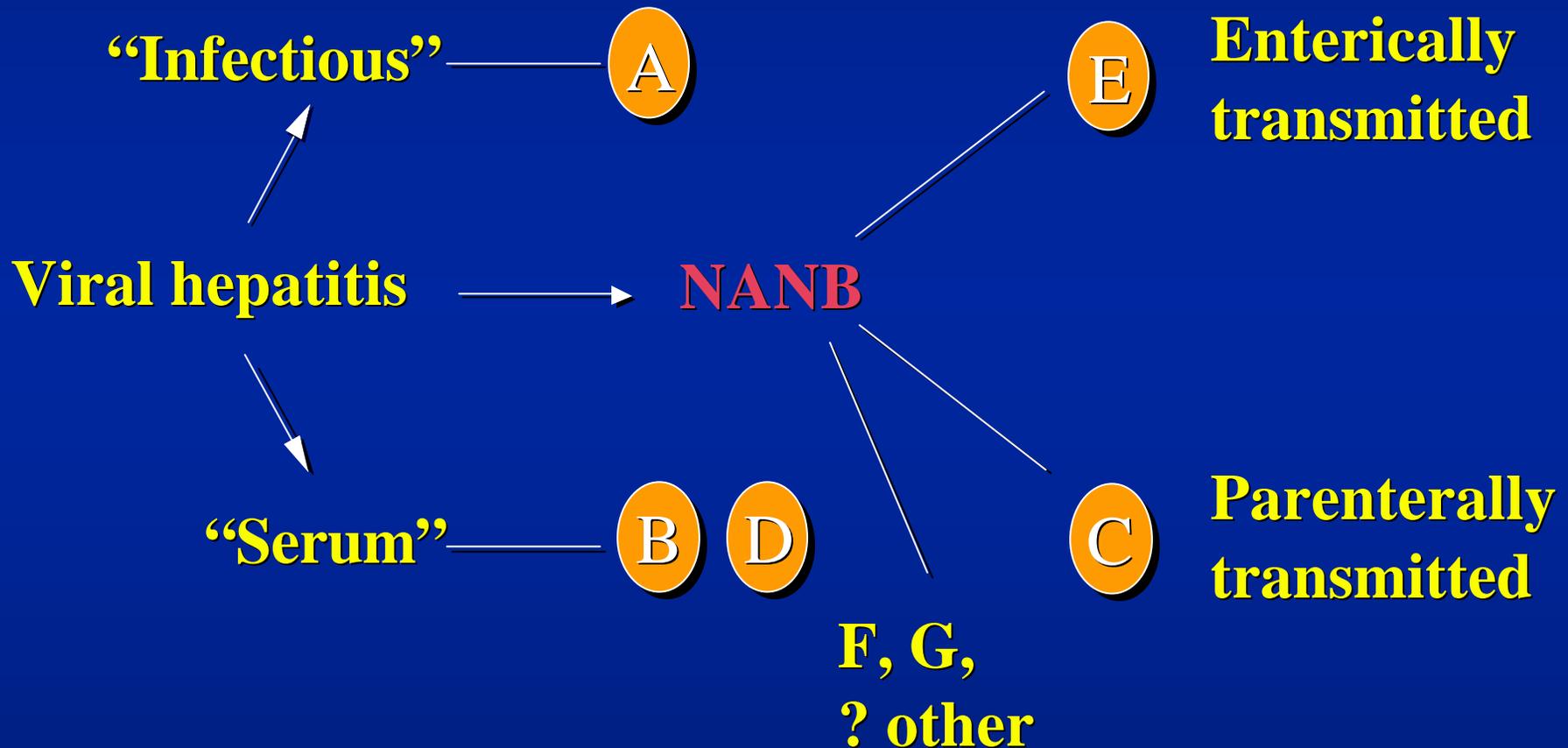


# Epidemiology and Prevention of Viral Hepatitis A to E: **An Overview**

Hepatitis Branch

Centers for Disease Control and Prevention

# Viral Hepatitis - Historical Perspective

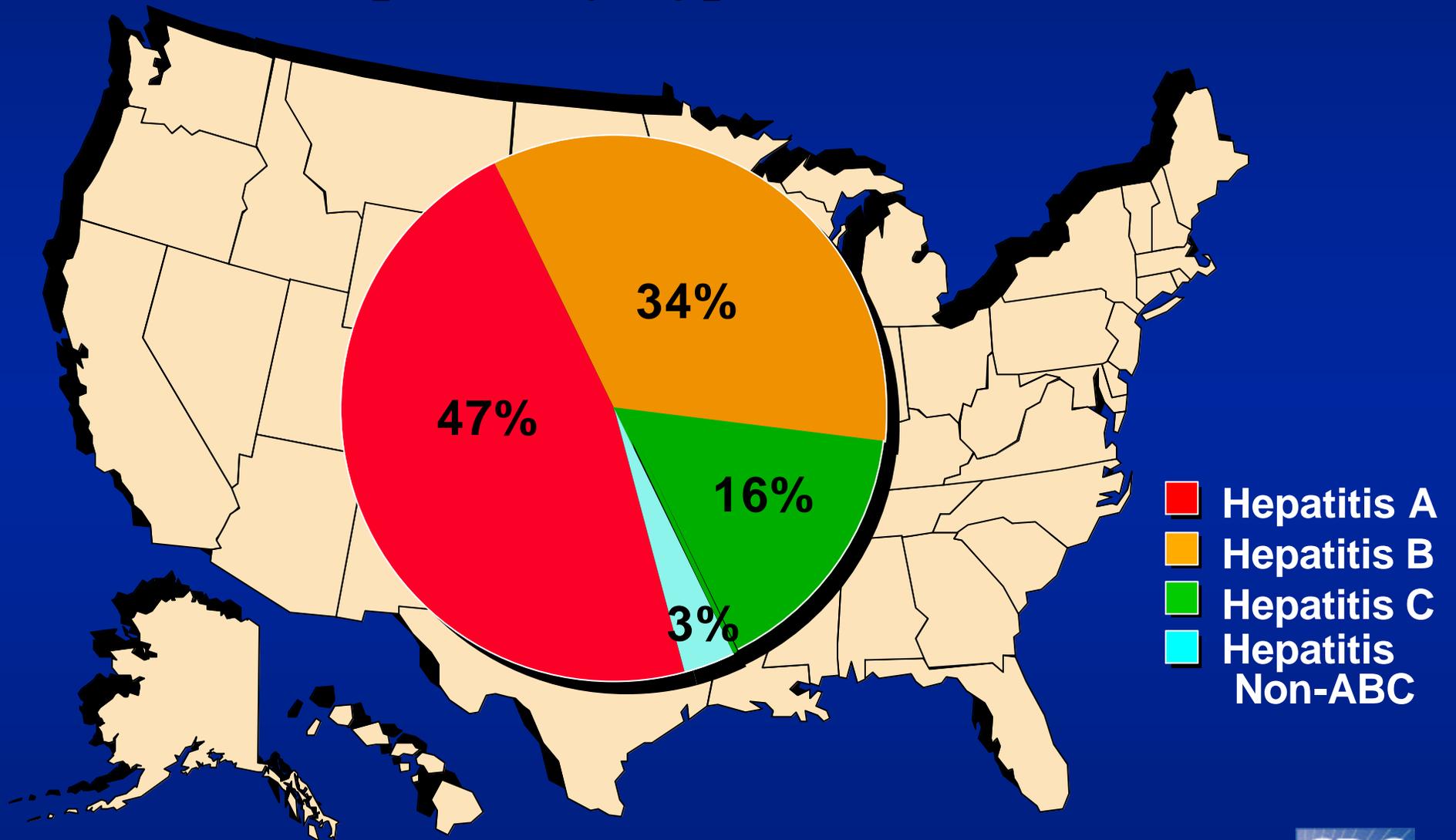


# Viral Hepatitis - Overview

## Type of Hepatitis

	<b>A</b>	<b>B</b>	<b>C</b>	<b>D</b>	<b>E</b>
Source of virus	feces	blood/ blood-derived body fluids	blood/ blood-derived body fluids	blood/ blood-derived body fluids	feces
Route of transmission	fecal-oral	percutaneous permucosal	percutaneous permucosal	percutaneous permucosal	fecal-oral
Chronic infection	no	yes	yes	yes	no
Prevention	pre/post- exposure immunization	pre/post- exposure immunization	blood donor screening; risk behavior modification	pre/post- exposure immunization; risk behavior modification	ensure safe drinking water

# Acute Viral Hepatitis by Type, United States, 1982-1993



Source: CDC Sentinel Counties Study on Viral Hepatitis

# Estimates of Acute and Chronic Disease Burden for Viral Hepatitis, United States

	<b>HAV</b>	<b>HBV</b>	<b>HCV</b>	<b>HDV</b>
Acute infections (x 1000)/year*	125-200	140-320	35-180	6-13
Fulminant deaths/year	100	150	?	35
Chronic infections	0	1-1.25 million	3.5 million	70,000
Chronic liver disease deaths/year	0	5,000	8-10,000	1,000

\* Range based on estimated annual incidence, 1984-1994.