

Newly Reported Past or Present Hepatitis C Cases – West Virginia, 2001-2010

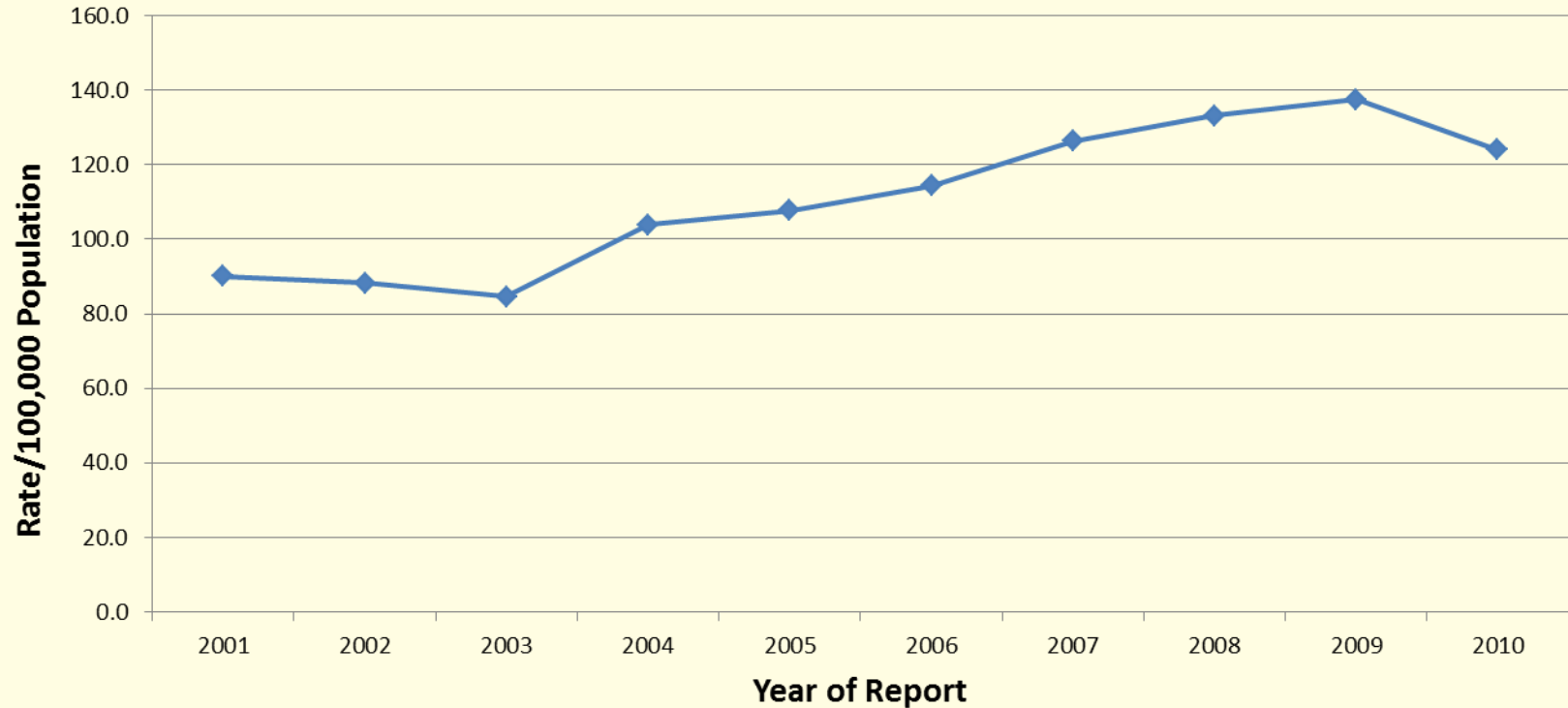
June 9, 2014



- Hepatitis C Past or Present - ascertained according to laboratory report
- Hepatitis C Registry (Access database) - between 2001-2010, identified 20,074 records based on Date of Report
- Multiple records for same individual were removed when possible (approximately 2.5% of records were duplicates)
- Earliest entry in database was retained
- Rate calculations were based on the year 2000 census data

Overall Trend

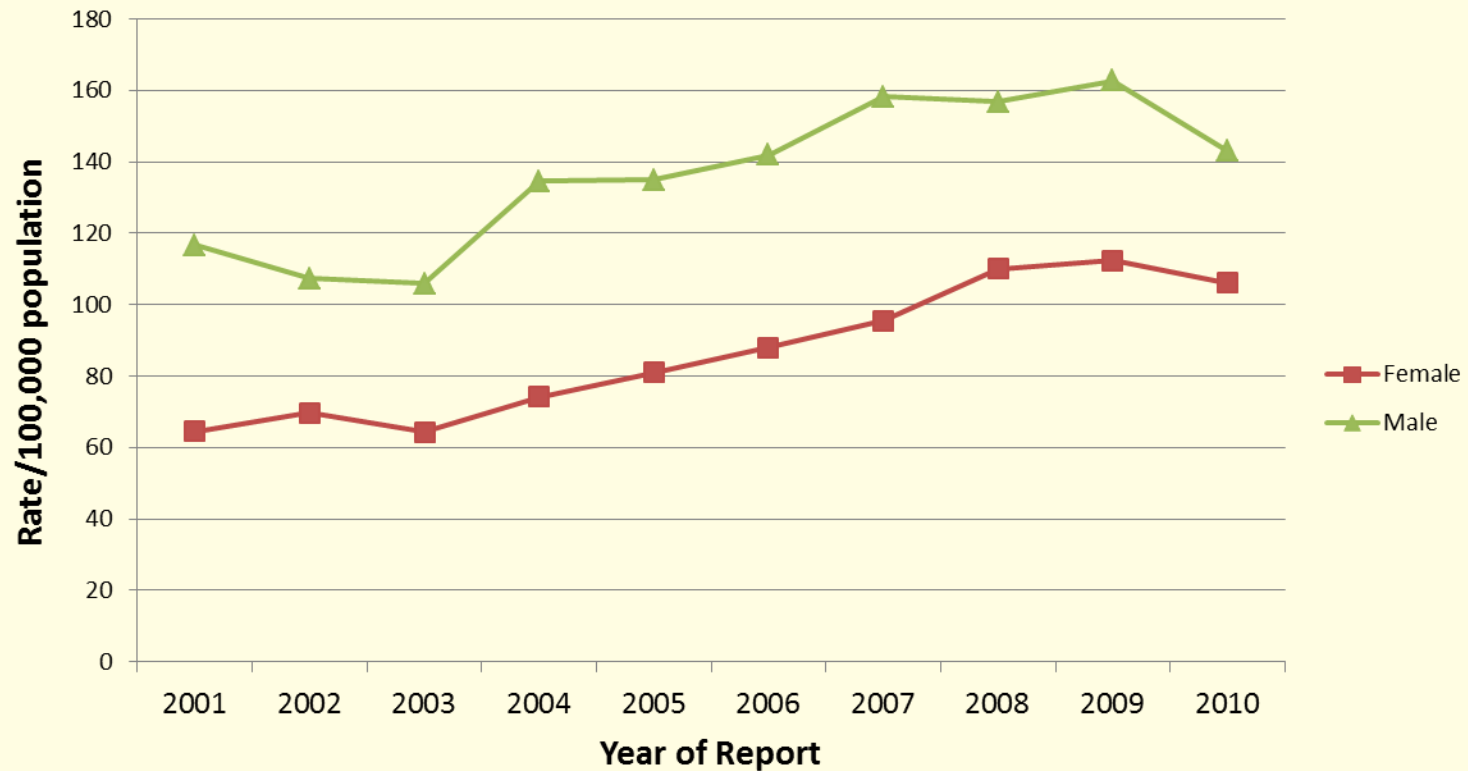
Newly reported past or present hepatitis C cases - WV, 2001-2010



- **Increasing trend beginning in 2004**
- **Decrease in number of reports in 2010 possibly an artifact (staffing changes)**

Trends by Gender

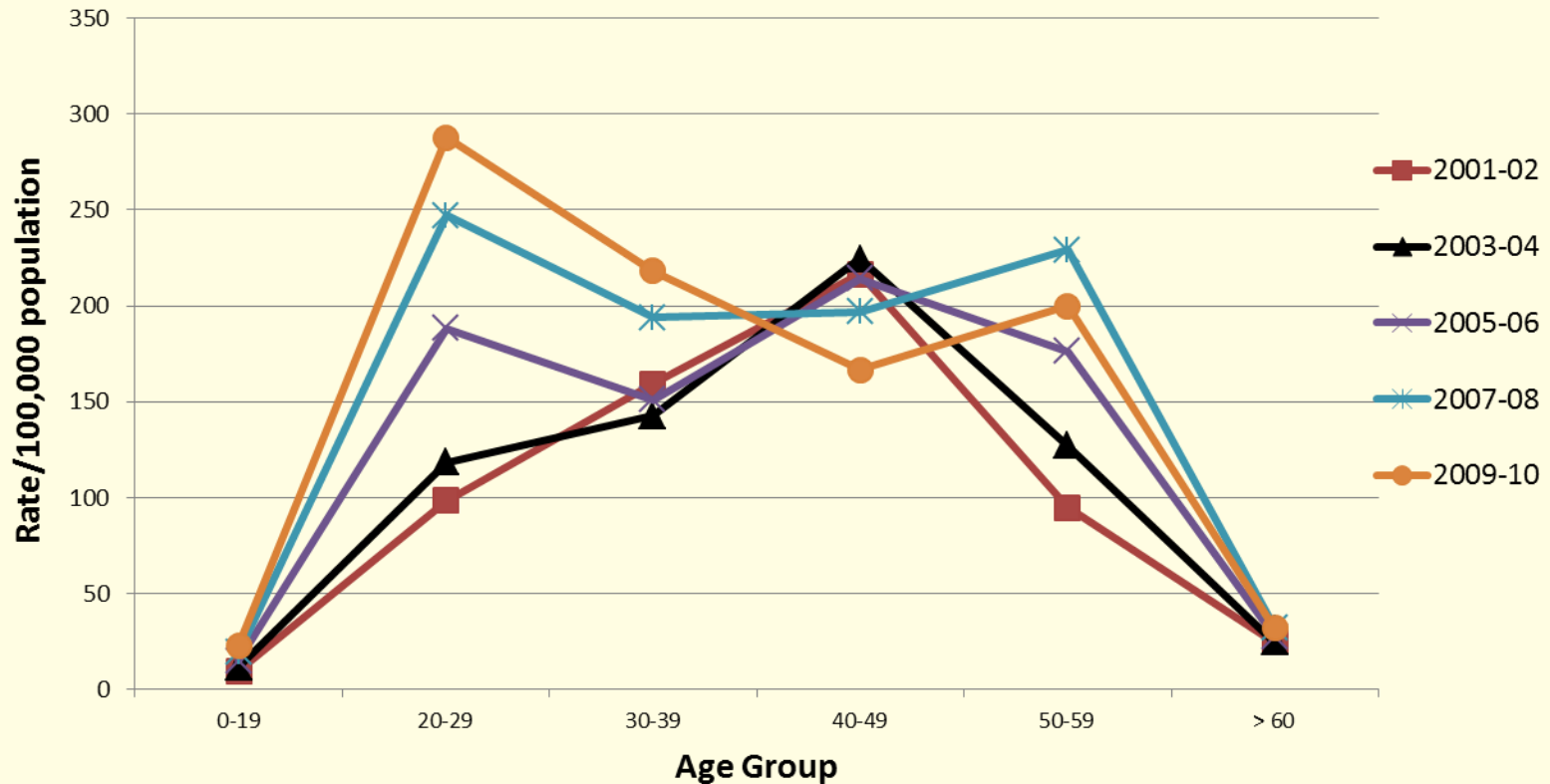
Newly reported past or present hepatitis C, by gender - WV, 2001-2010



- More male patients than females
- Roughly parallel trends

Trends by Age Group

Newly reported past or present hepatitis C, by age group - WV, 2001-2010

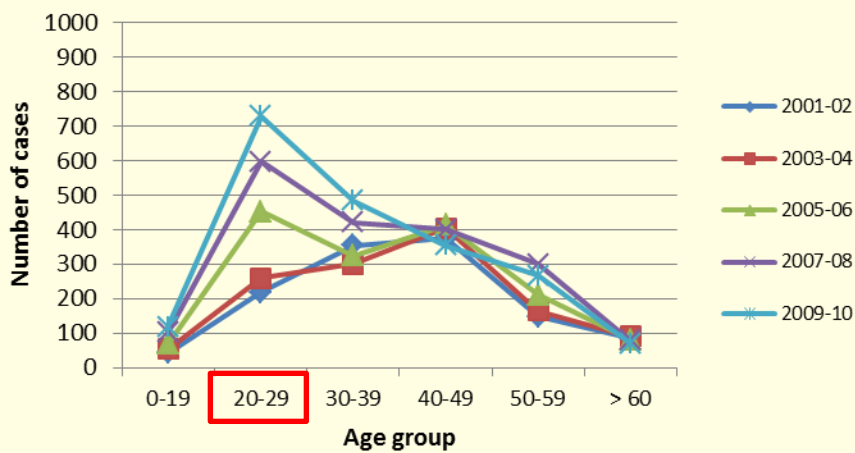


- Among 20-29 and 50-59 age groups: increasing trend
- Among 40-49 age group: decreasing trend
- Among 0-19 and ≥ 60 age groups: minimal change

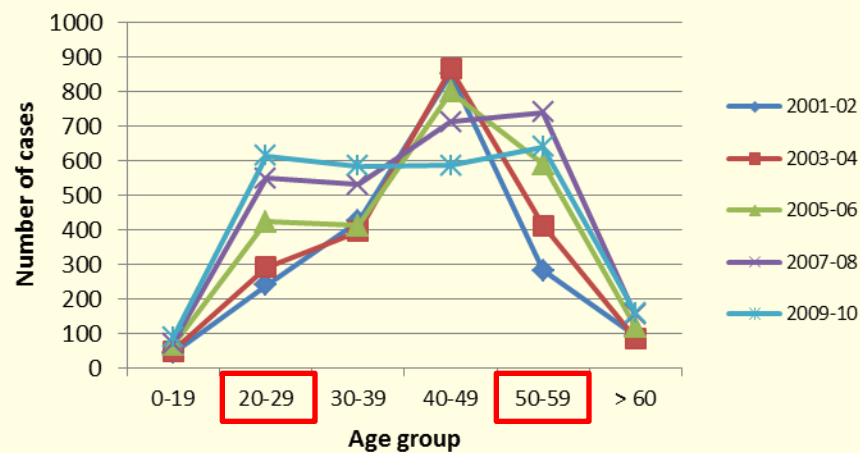
Trends by Gender and Age Group

Newly reported past or present hepatitis C cases – WV, 2001-2010, by year, gender, and age

Females



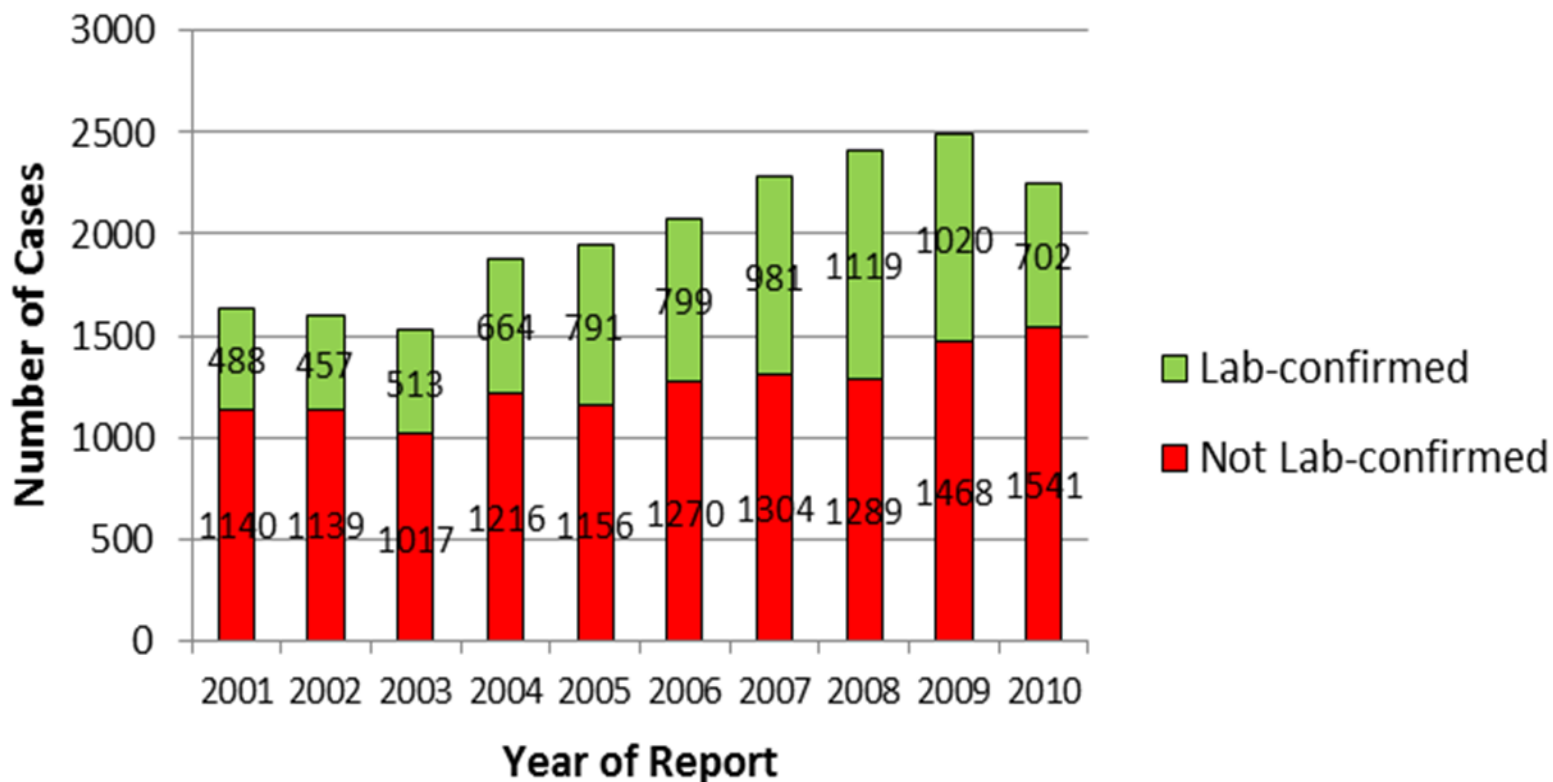
Males



- **For females**, there is a sharp rise in the reported number of cases in the 20-29 age group. All other female age groups show no increases or modest increases during this period.
- **For males**, there is a substantial increase in the number of reported cases for both the 20-29 and 50-59 age groups, with a modest decline in the 40-49 age group.

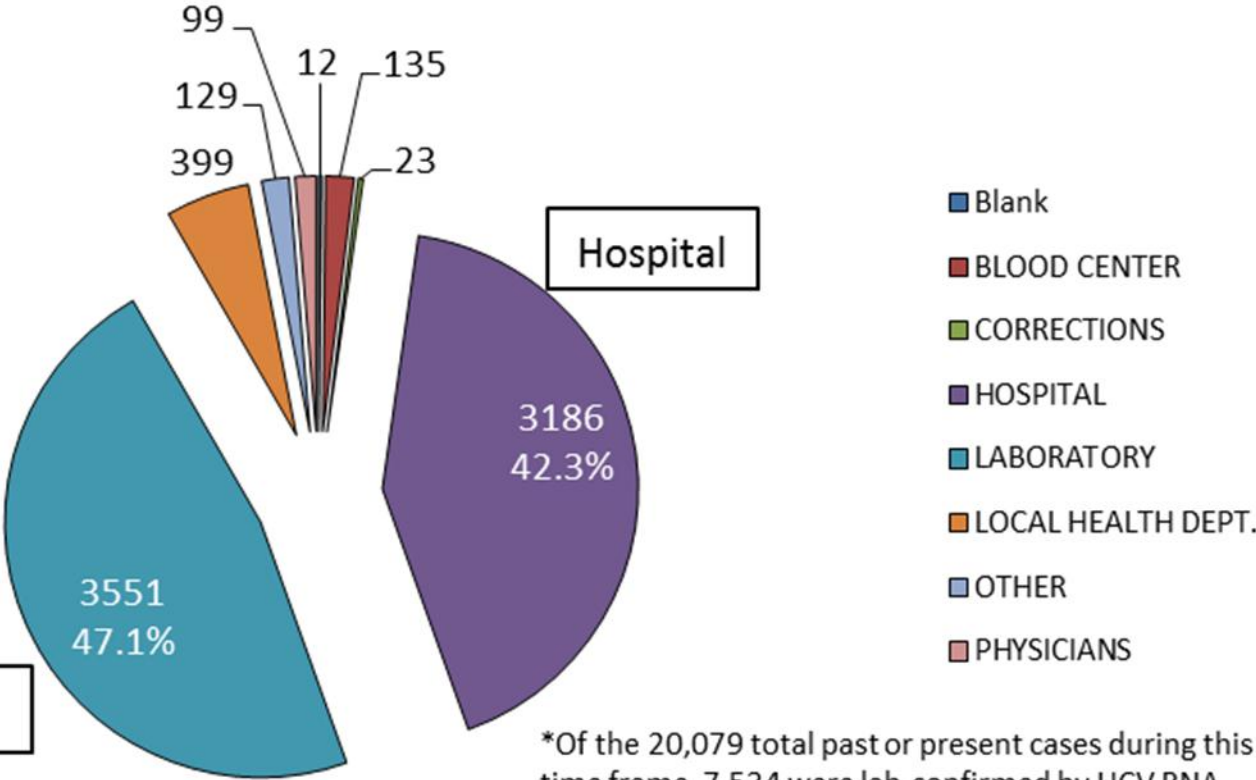
Lab-confirmed Cases

Number of Past or Present Hepatitis C Cases Confirmed by HCV RNA, Genotype, or bDNA, WV, 2001-2010



Reporting Source

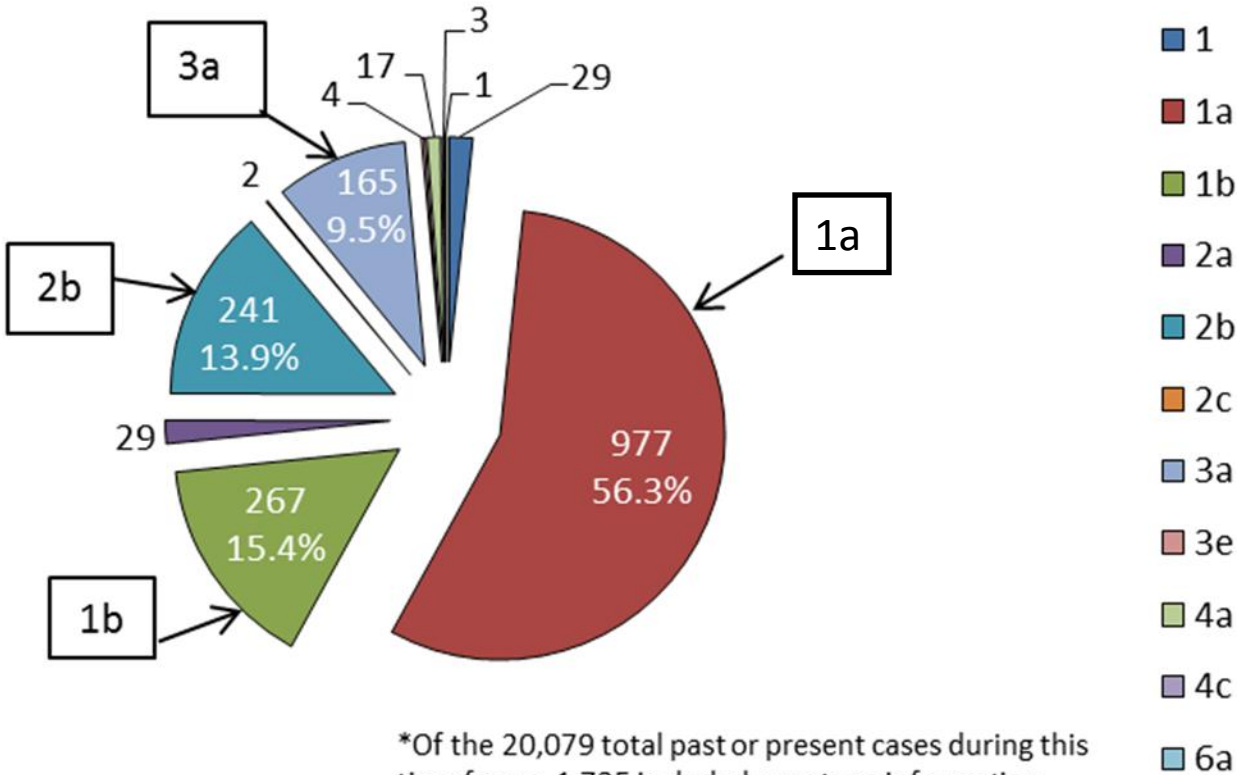
Reporting Source for Lab-confirmed Past or Present Hepatitis C Cases, WV, 2001-2010 (n-7,534*)



*Of the 20,079 total past or present cases during this time frame, 7,534 were lab-confirmed by HCV RNA PCR, Genotype, or bDNA

Cases by Genotype

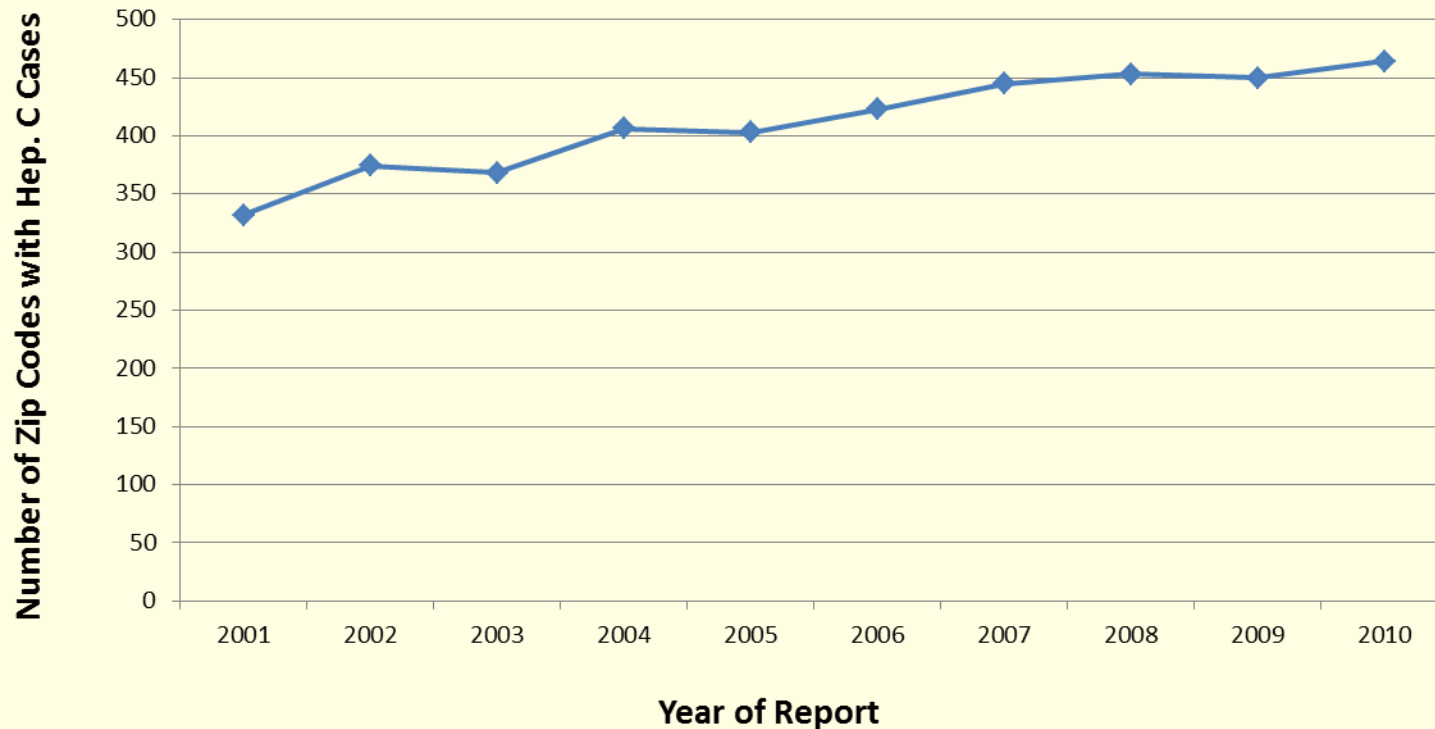
HCV Genotype, WV, Past or Present Hepatitis C, 2001-2010
(n=1,735*)



*Of the 20,079 total past or present cases during this time frame, 1,735 included genotype information

Geographic Distribution

Number of Zip Codes per Year with Past or Present Hepatitis C Cases, WV, 2001-2010



- **Geographic distribution of cases. In 2001, cases reported came from 332 zip codes. In 2010, cases were reported from 464 zip codes.**
- **Number of cases AND geographic distribution of those cases are increasing**