

# Chronic Hepatitis C Infections in California

## Cases Newly Reported through 2013

May 2016

Office of Viral Hepatitis Prevention  
California Department of Public Health, STD Control Branch

# Chronic Hepatitis C, California, 2013

## Slide Set Notes

- Data presented in these slides describe cumulative cases of chronic hepatitis C newly reported to CDPH from 1994-2013. Findings from 2009-2013 are highlighted.
- **Data presented in these slides do not measure prevalence or incidence of chronic hepatitis C virus infections in California** due to the asymptomatic nature of these infections, varied levels of completeness of surveillance reporting, and because it remains unknown how many of the cases described are currently living.

# Chronic Hepatitis C, California, 2013

## Slide Set Notes (*continued*)

- Percentages, rather than rates, were used to describe newly reported cases for which race/ethnicity is known, since **race/ethnicity information was not reported for more than three-quarters of chronic hepatitis C cases** (approximately 78 percent) during 2009-2013. Race/ethnicity data should be interpreted with caution.
- Race/ethnicity was categorized as: American Indian/Alaska Native, Asian/Pacific Islander, African American/Black, Hispanic/Latino, White, and Multi-race/Other Race. For the purposes of this slide set, Hispanic/Latino encompasses patients of Hispanic or Latino ethnicity, regardless of reported race; all other race categories presented do not include persons of Hispanic or Latino ethnicity.

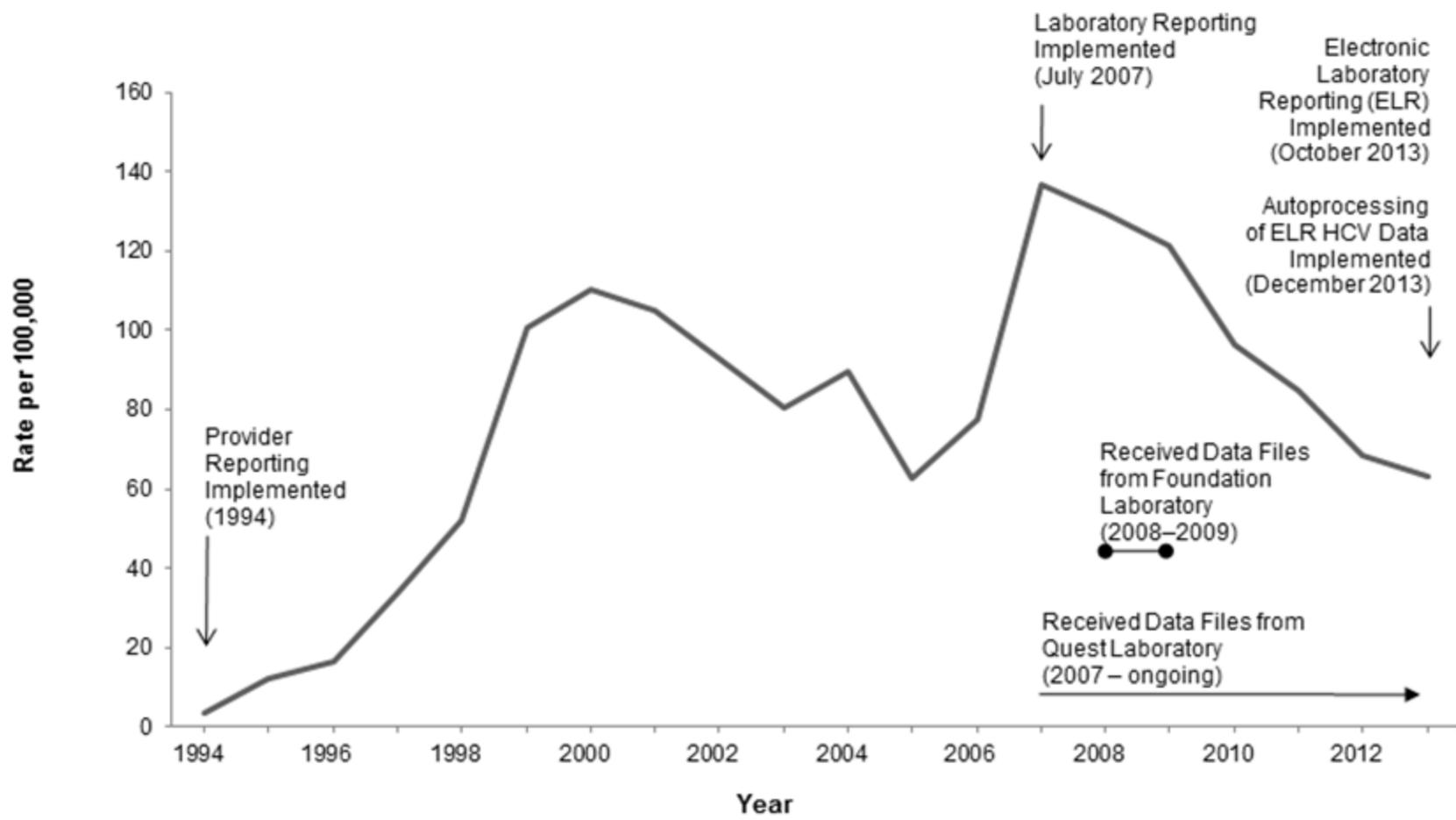
# Chronic Hepatitis C, California, 2013

## Slide Set Notes (*continued*)

- **These data are more complete for HCV-related tests reported by selected labs.** Prior to the implementation of electronic laboratory reporting (ELR) in CalREDIE in October 2013, CDPH received line-listed laboratory data from only two laboratories, Quest and Foundation, and not from other laboratory sources. Quest and Foundation laboratories served the state prison system for some or all of the years between 2007 and 2013. Thus the data presented in this report provide a more complete picture of hepatitis C cases reported by Quest and Foundation laboratories than by other laboratories and a more complete picture of chronic hepatitis C cases in state prisons than in the state overall.
- **Individuals with chronic hepatitis C infection who were incarcerated in state prisons at the time of their first confirmed hepatitis C case report are not attributed to the local health jurisdiction in which they were incarcerated.** This is because people are often incarcerated in a different county than the one in which they would reside were they not incarcerated. In order to avoid overestimating the burden of disease in (often rural) counties with state prisons, chronic hepatitis C cases reported from state prisons were attributed to the state prison system at large. Accordingly, HCV data are presented in two sections—the first for the entire state (which includes cases in state prisons), and the second for hepatitis C cases in state prisons only.

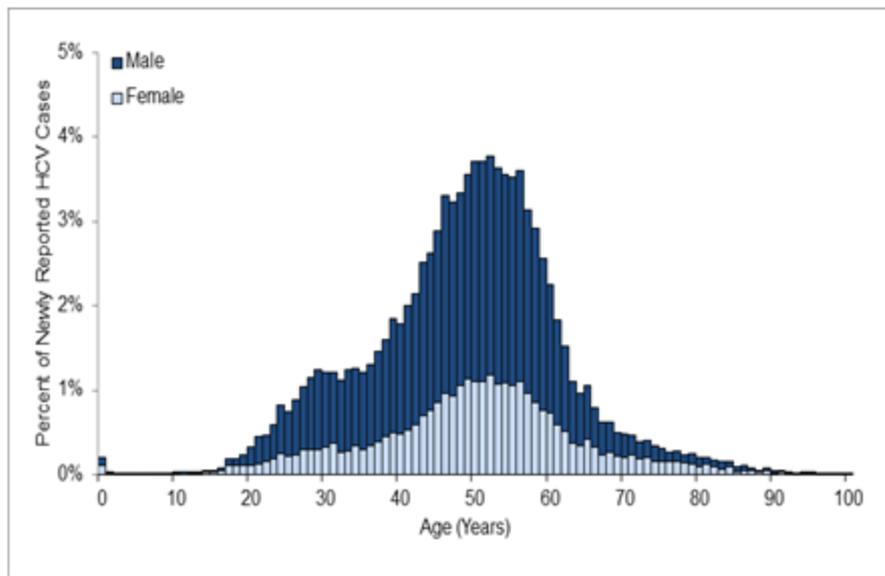
# Epidemiology of Chronic Hepatitis C in California

# Chronic Hepatitis C – Rates of Newly Reported Cases (including State Prisons), California, 1994-2013

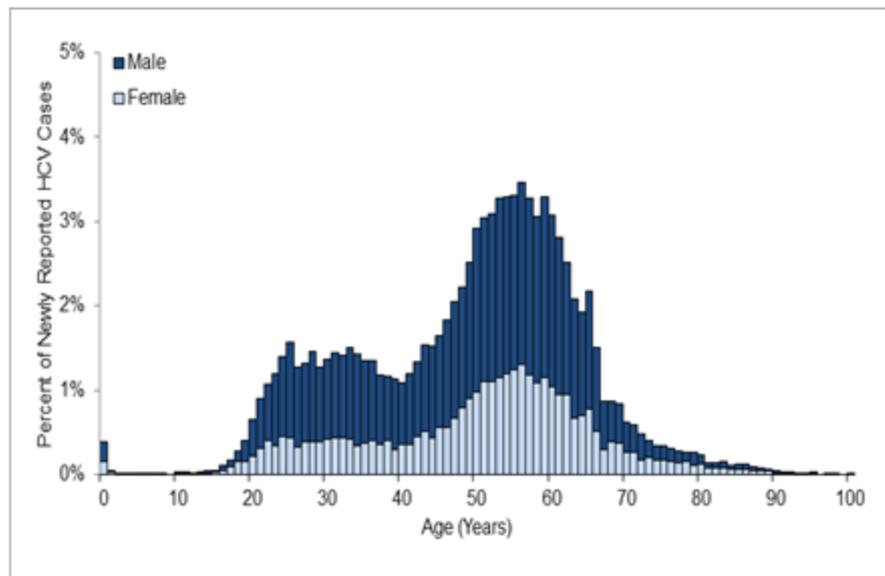


# Chronic Hepatitis C – Age Distribution of Newly Reported Cases, California, 2009 and 2013

2009\*



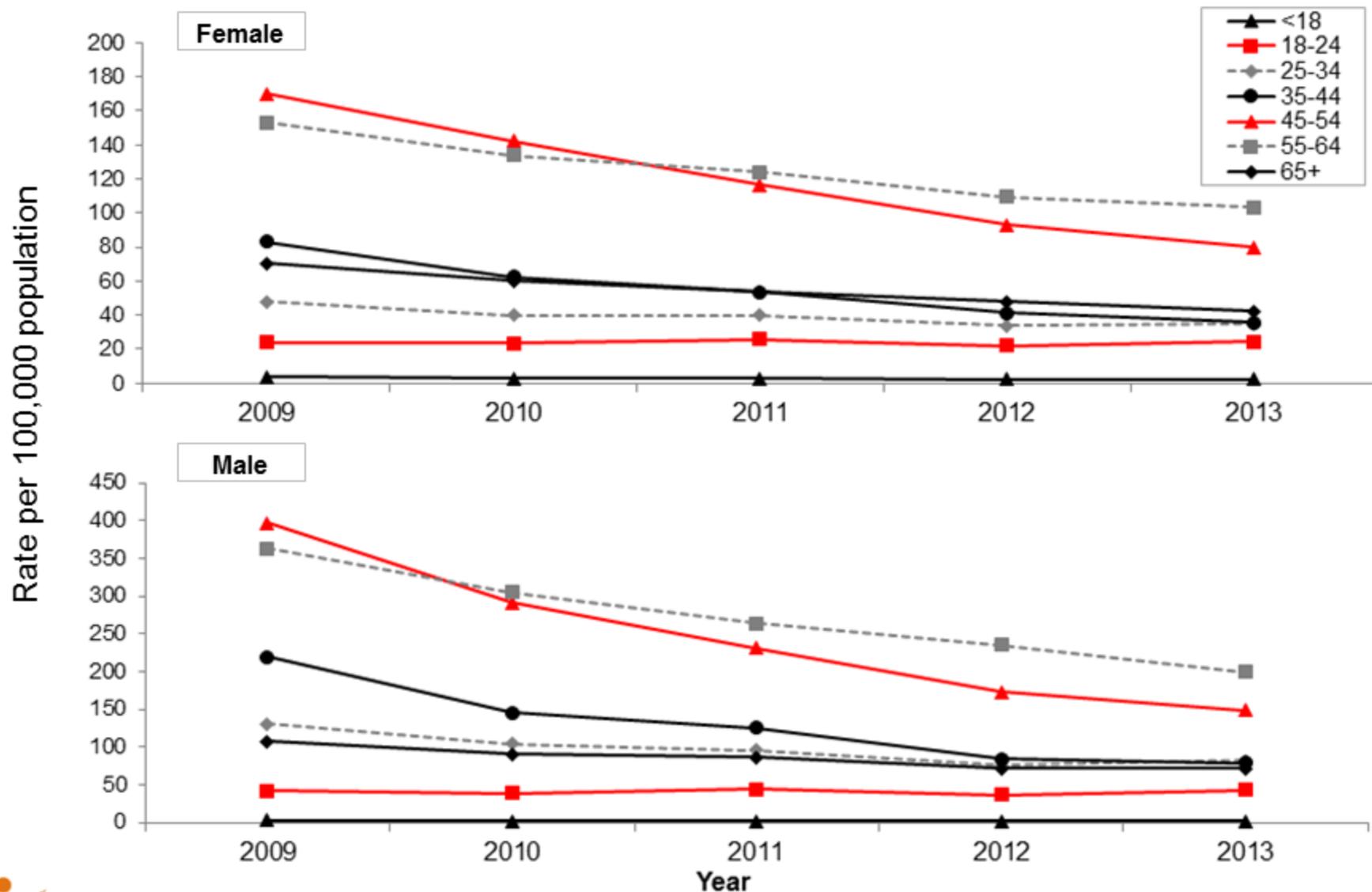
2013†



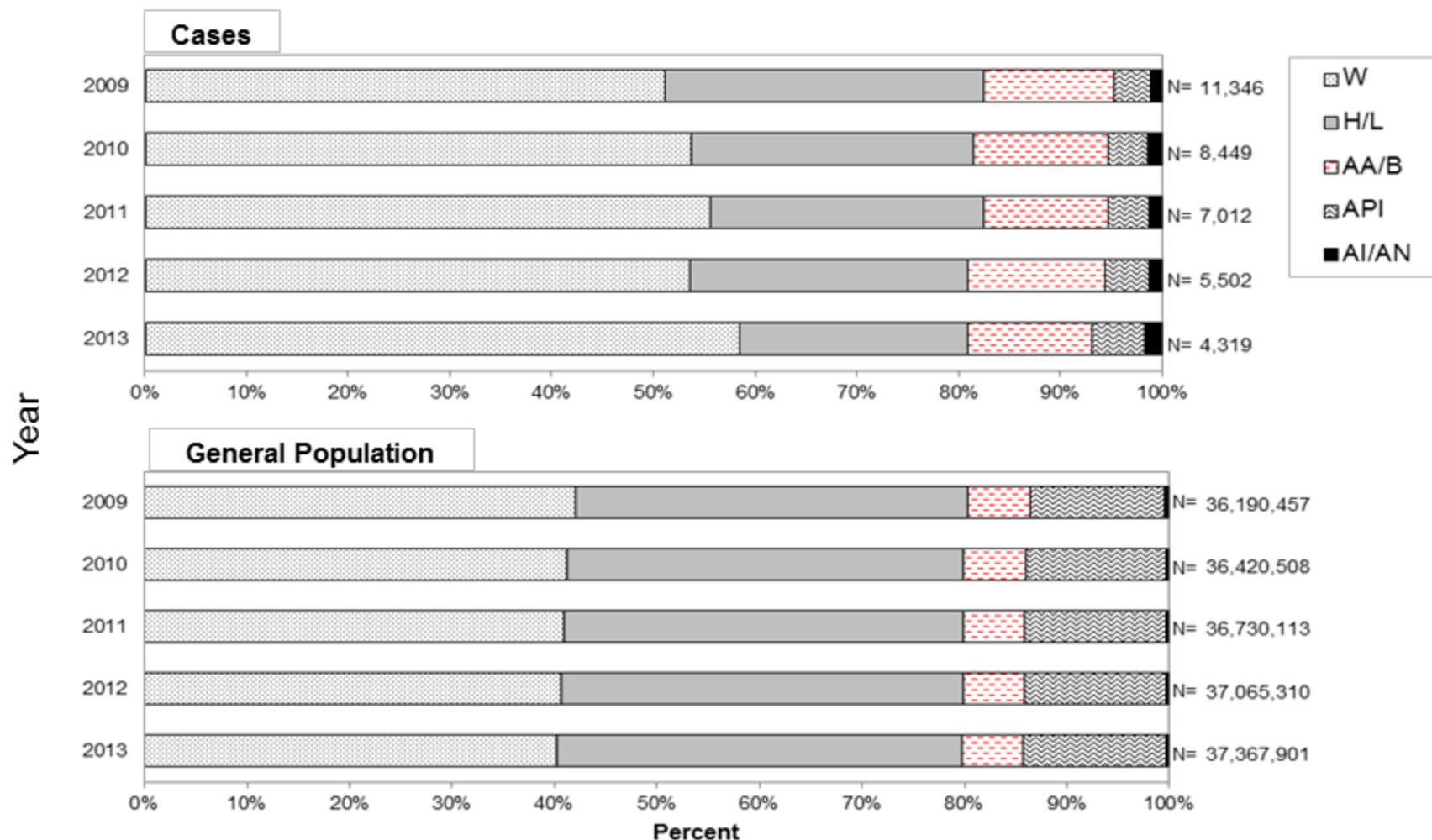
\*N=42,839; excludes 2,168 cases with missing age or sex information.

†N=23,153; excludes 1,115 cases with missing age or sex information.

# Chronic Hepatitis C – Rates of Newly Reported Cases by Gender and Age, California, 2009-2013



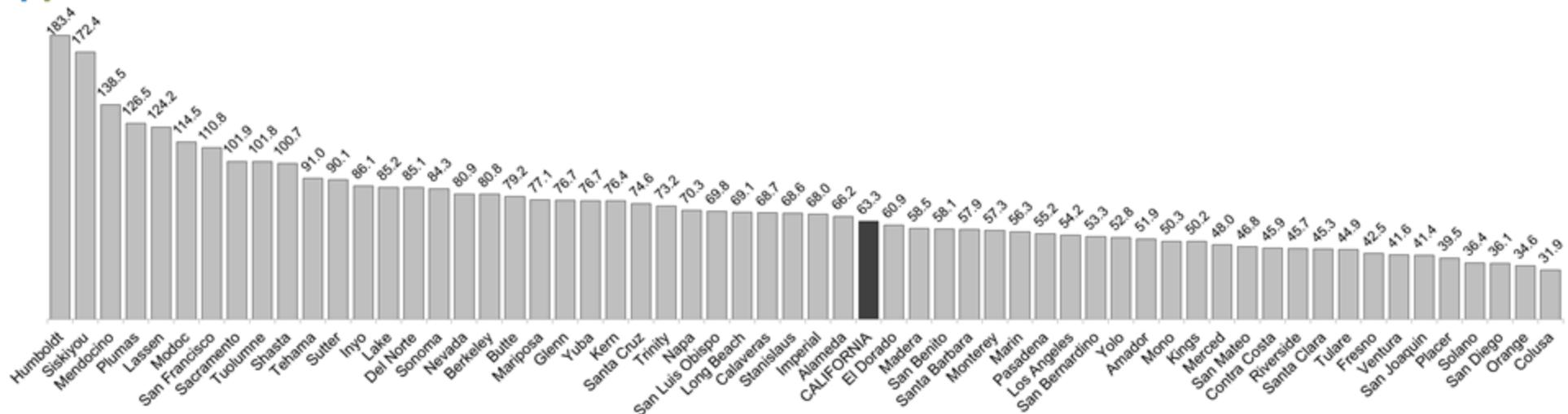
# Chronic Hepatitis C – Cases and Percentages of Newly Reported Cases for Which Race/Ethnicity is Known, by Race/Ethnicity, California, 2009-2013



**Notes:**

- Race/ethnicity categories: W=White, H/L=Hispanic/Latino, AA/B=African American/Black, API=Asian/Pacific Islander, AI/AN=American Indian/Alaskan Native
- Rates are per 100,000 population
- These data exclude cases reported from state prisons because people are typically incarcerated in a different county than the one in which they would otherwise live.
- Percent calculations for race/ethnicity exclude individuals for whom race/ethnicity was "Not Specified" from the denominator. Caution should be used when interpreting percentages by race/ethnicity, since race/ethnicity information was not reported for the majority of chronic viral hepatitis

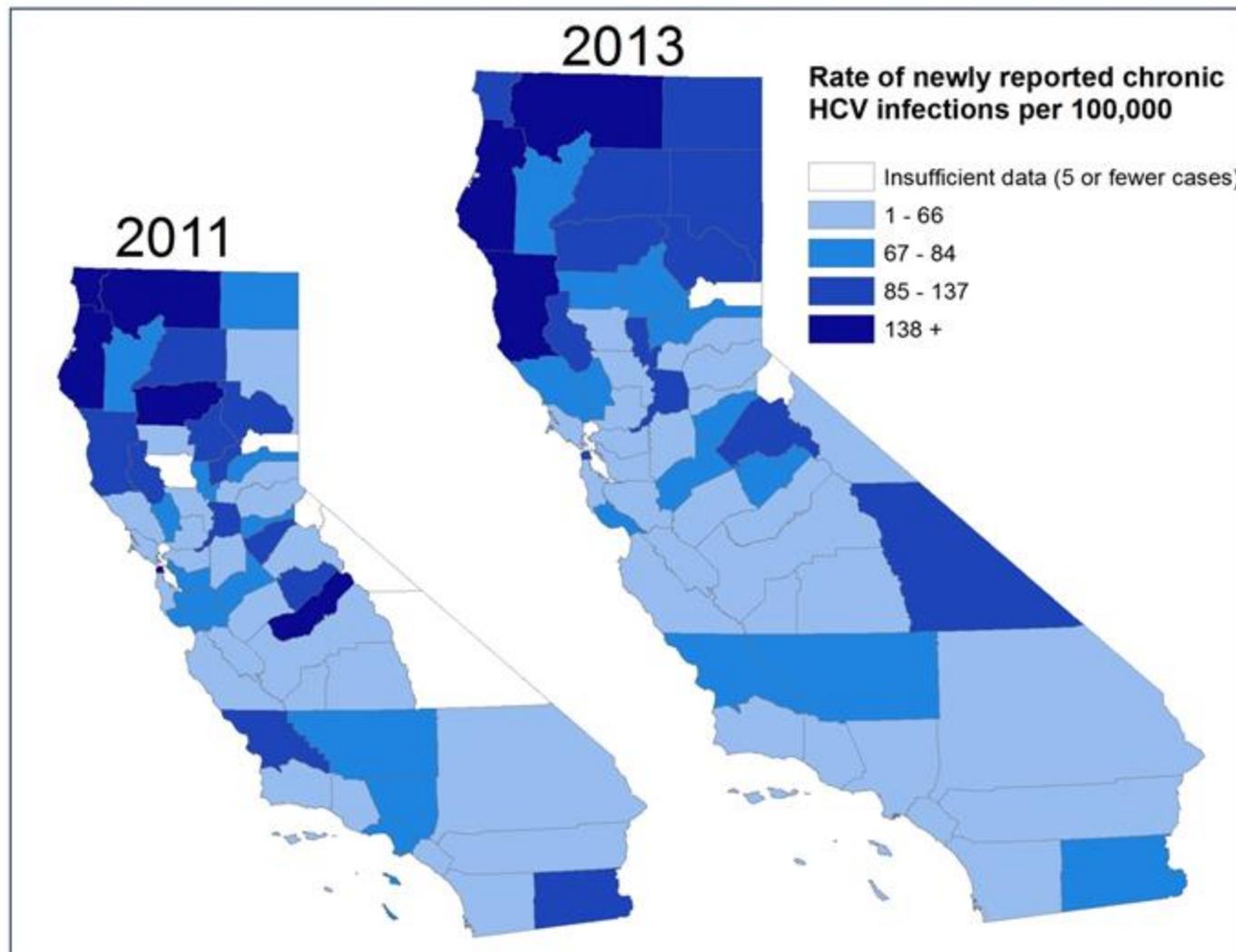
## Chronic Hepatitis C – Rates of Newly Reported Cases in Ranked Order by Local Health Jurisdiction, Excluding Cases in State Prisons, California, 2013



### Notes:

- Rates were not calculated for the following local health jurisdictions, which reported five or fewer cases in 2013: Alpine (0) and Sierra (5) counties.
- State prison cases were removed from local health jurisdiction totals and attributed to the state prison system as a whole.

## Chronic Hepatitis C – Rates of Newly Reported Cases by County, Excluding Cases in State Prisons, California, 2011 and 2013



**Notes:**

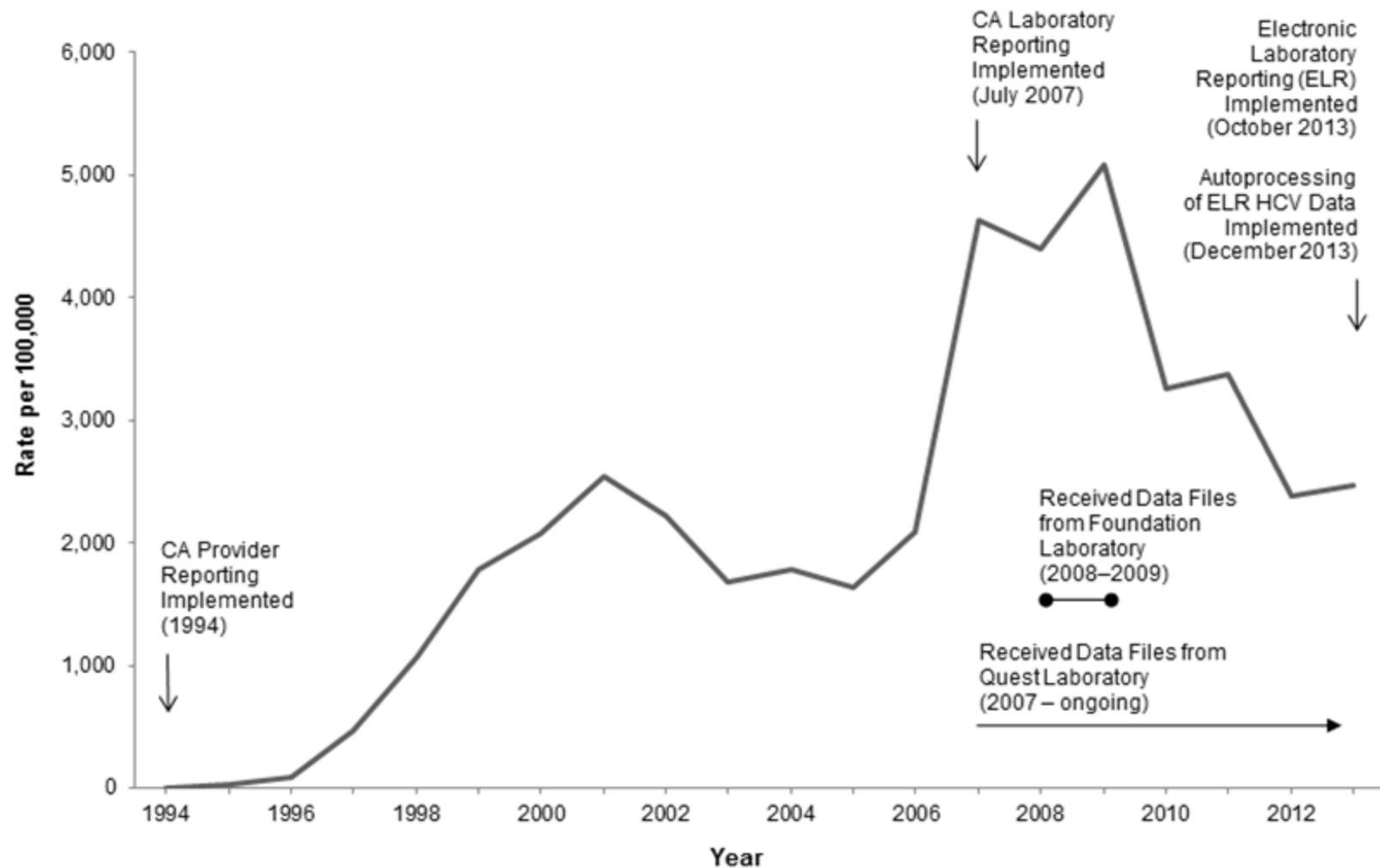
- Rates were not calculated for five local health jurisdictions in 2011, including Alpine (0), Colusa (3), Inyo (2), Mono (1), and Sierra (1) counties; and two local health jurisdictions in 2013, including Alpine (0) and Sierra (5) counties, because there were fewer than five cases in these areas.
- State prisons cases were removed from local health jurisdiction totals and attributed to the state prison system as a whole.

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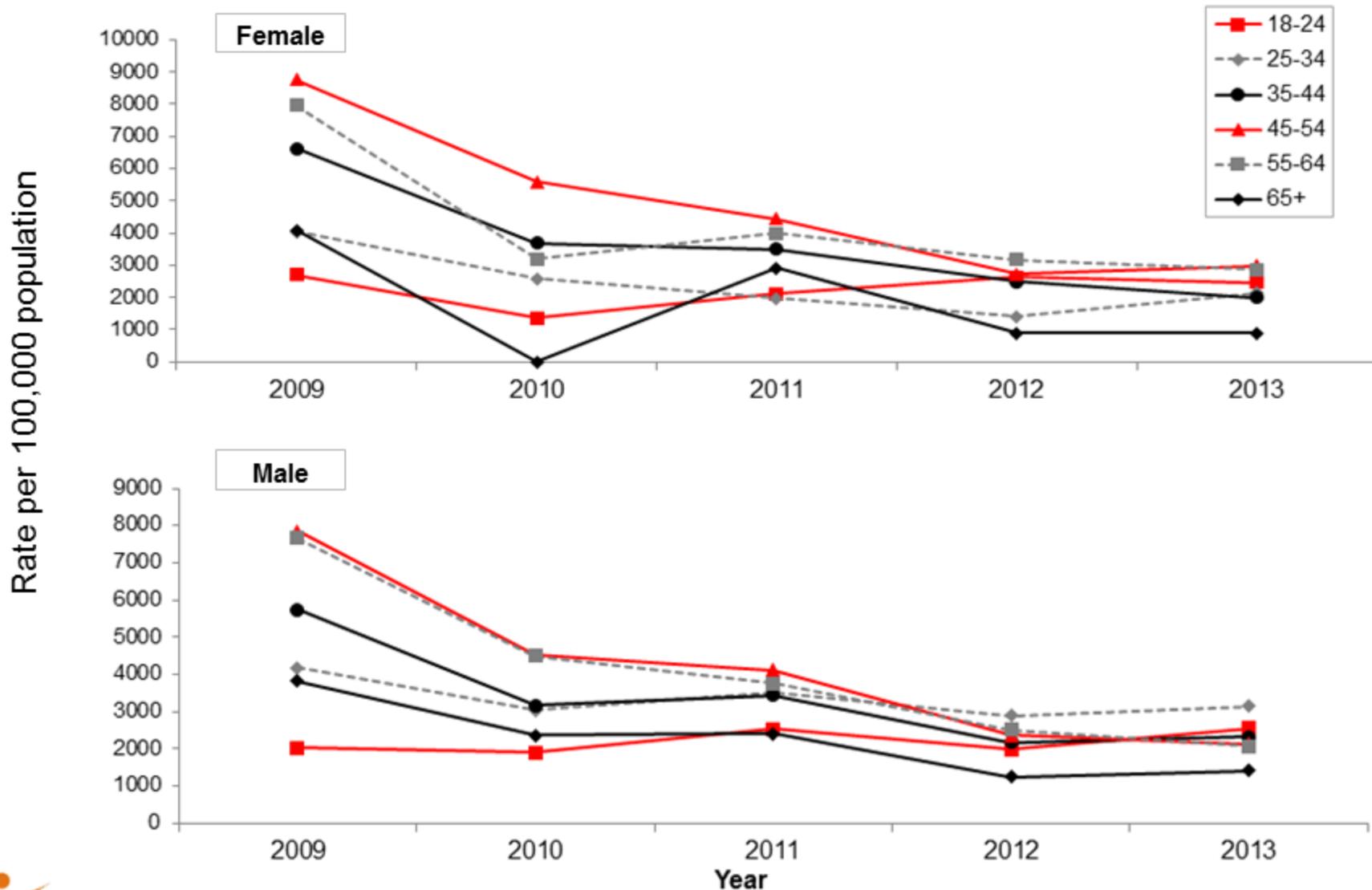


# Epidemiology of Chronic Hepatitis C in State Prisons in California

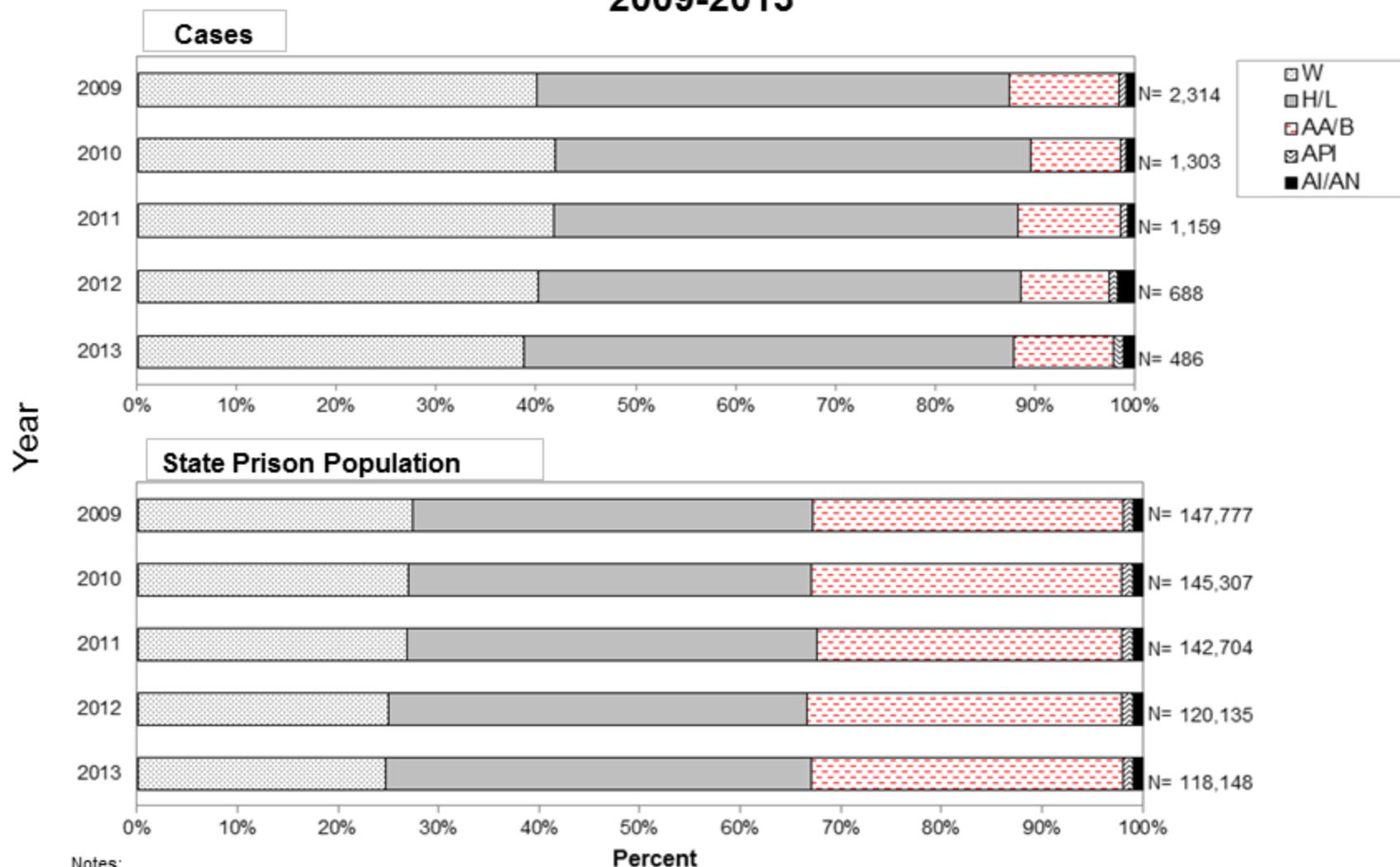
# Chronic Hepatitis C – Rates of Newly Reported Cases in State Prisons, 1994-2013



# Chronic Hepatitis C – Rates of Newly Reported Cases by Gender and Age, California State Prisons, 2009-2013



# Chronic Hepatitis C – Cases and Percentages of Newly Reported Cases in State Prisons for Which Race/Ethnicity is Known, by Race/Ethnicity, 2009-2013



**Notes:**

- Race/ethnicity categories: W=White, H/L=Hispanic/Latino, AA/B=African American/Black, API=Asian/Pacific Islander, AI/AN=American Indian/Alaskan Native
- Rates are per 100,000 population
- Percent calculations for race/ethnicity exclude individuals for whom race/ethnicity was "Not Specified" from the denominator. Caution should be used when interpreting percentages by race/ethnicity, since race/ethnicity information was not reported for the majority of chronic viral hepatitis