

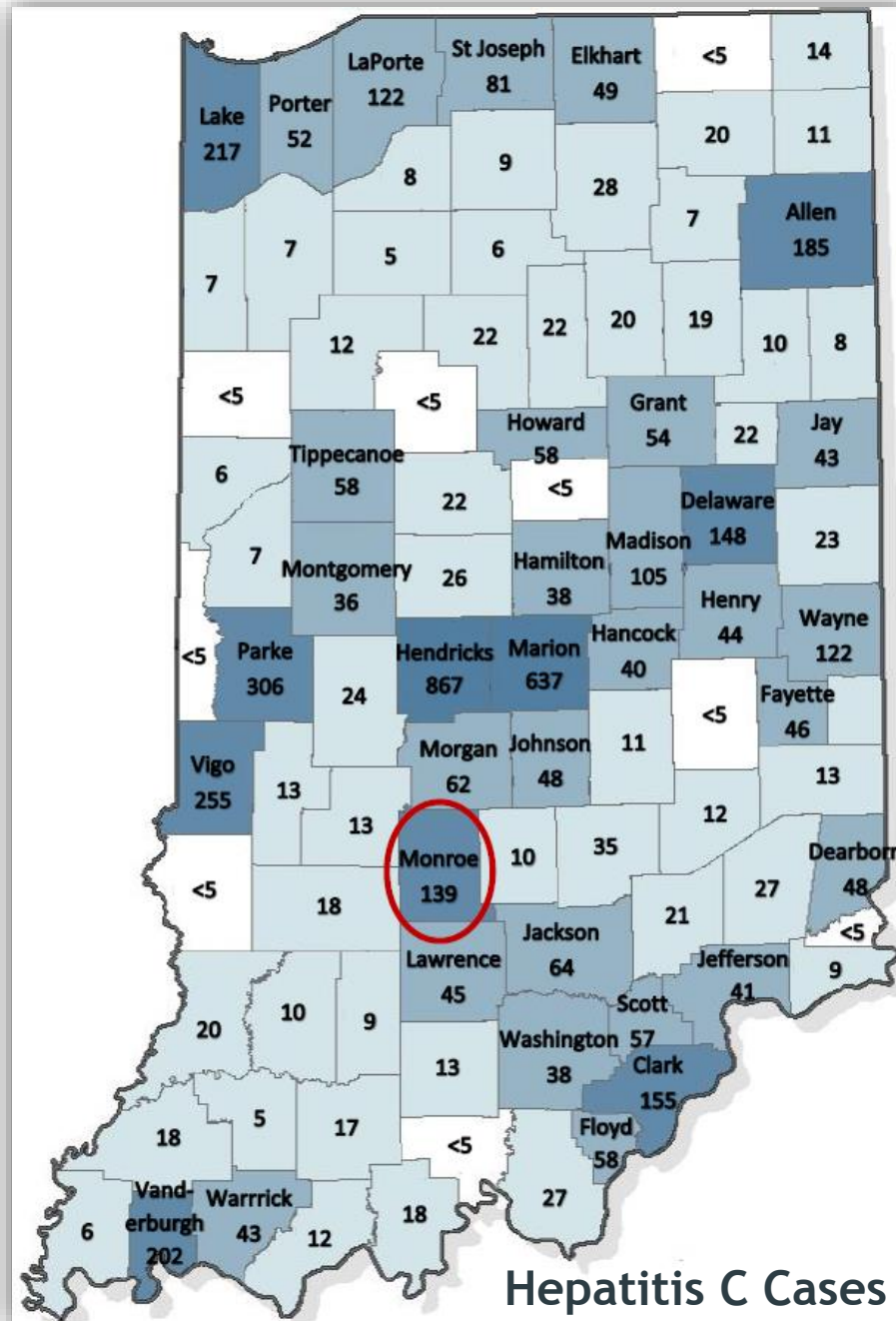
Hepatitis C in Monroe County

August 21, 2015



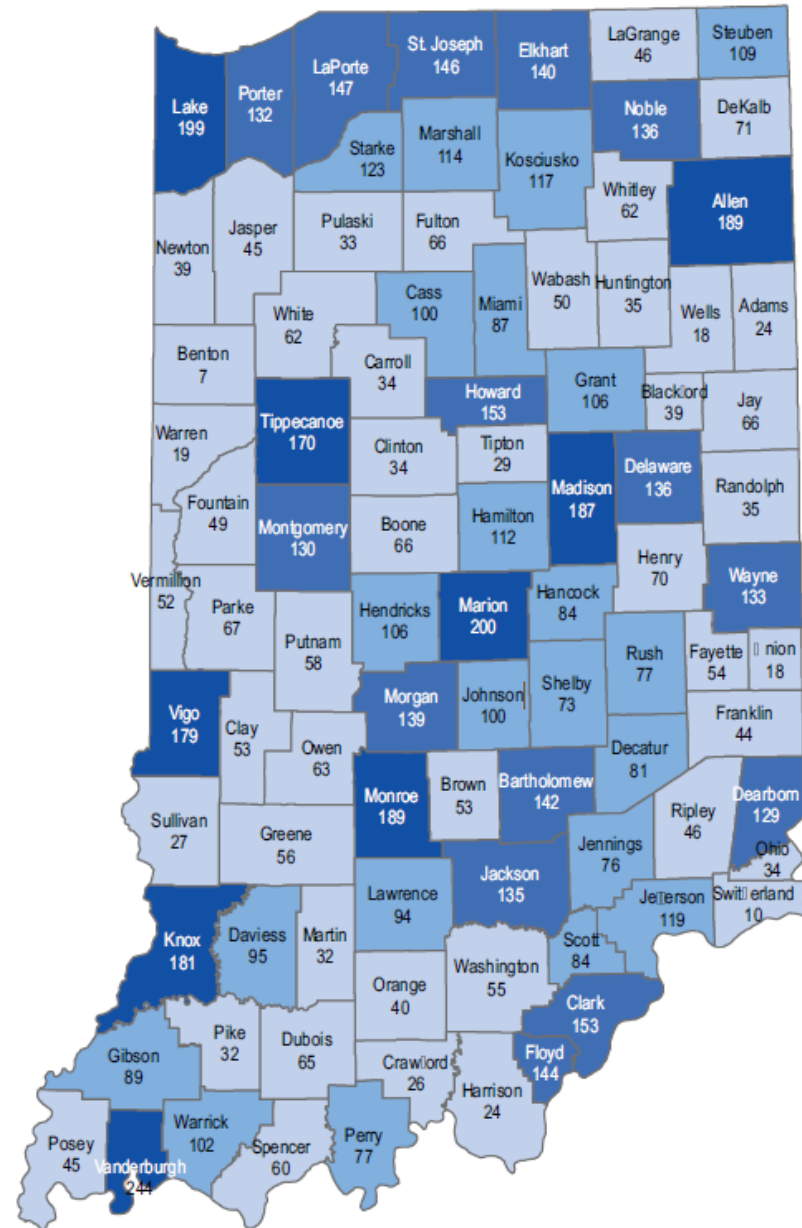
Monroe County is in the top ten counties in Indiana for both:

- Highest number of Hepatitis C cases
- Overall priority scores and severity of substance abuse in Indiana counties



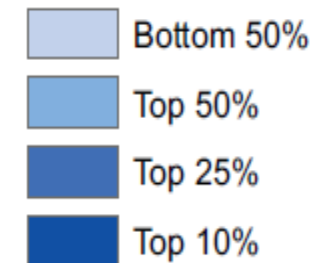
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Overall Priority Scores

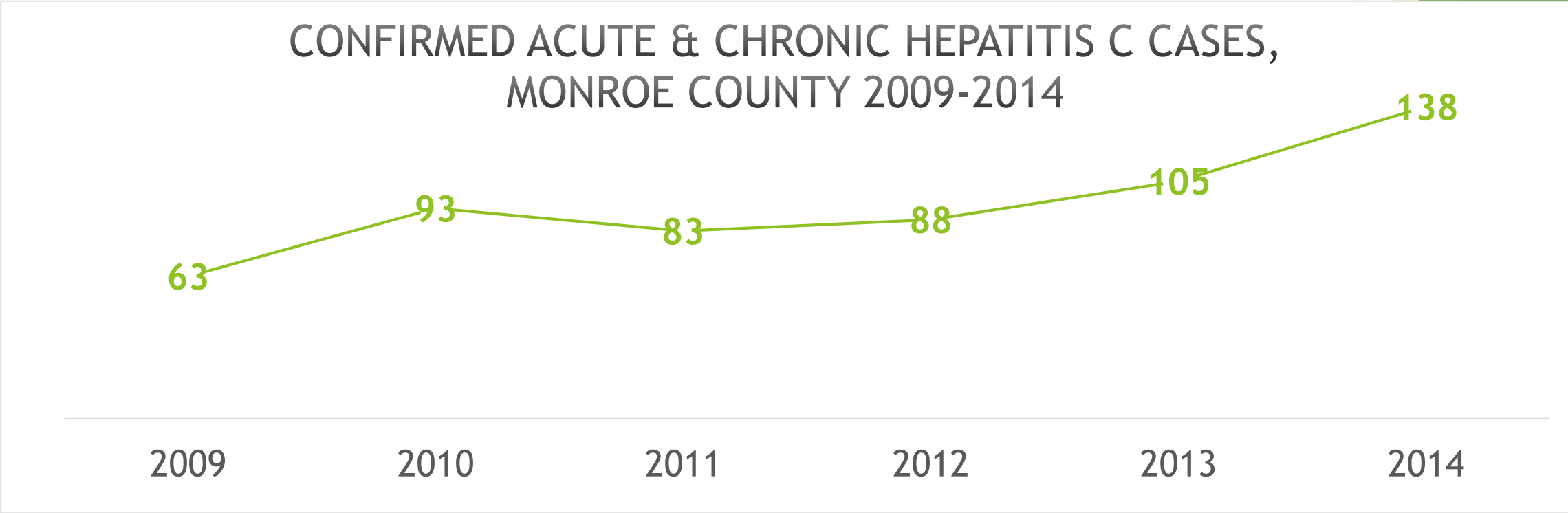
Relative Rank within Indiana



Hepatitis C

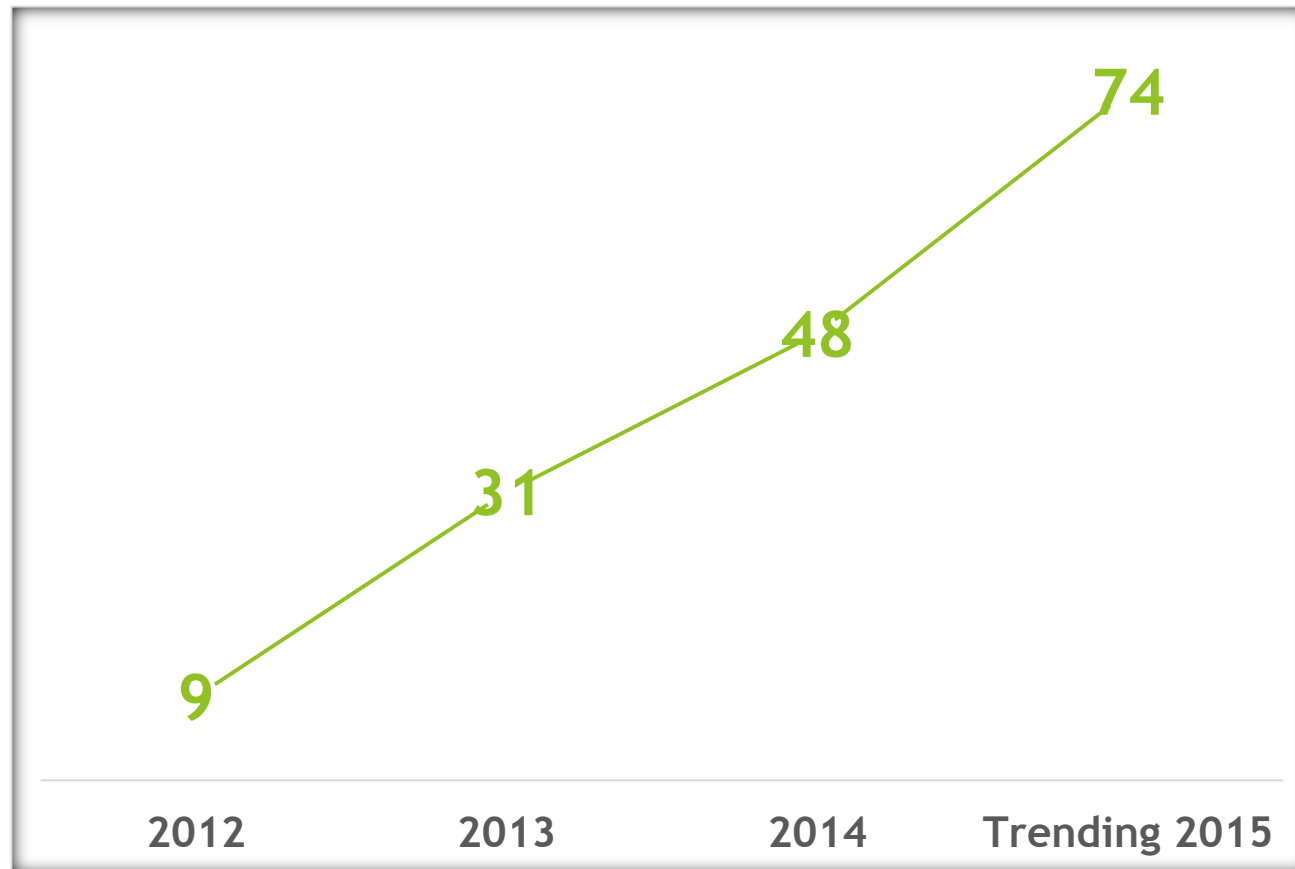
- The Centers for Disease Control and Prevention (CDC) estimates at least 75% of new Hepatitis C cases are due to injection drug use
- Positive Link states 95% of clients with Hepatitis C report a history of injection drug use
- Approximately 25-30% of Monroe County drug court and re-entry court enrollees have a history of IV drug use

Monroe County Hepatitis C Reported Cases Increased over 50% from 2009 to 2014



Heroin Overdoses

Heroin overdoses at IU Health Bloomington Hospital saw a 433% increase from 2012-2014



Heroin Use at Substance Abuse Treatment Admission

- In 2012, Monroe County had 1,364 substance abuse treatment episodes
 - 15.7% patients reported heroin use
 - 8.9% patients reported heroin dependence

Hepatitis C and HIV Linkage

- ▶ The CDC estimates 80% of people with HIV who inject drugs are co-infected with HCV
- ▶ The Indiana State Department of Health (ISDH) identified HCV as a primary predictor of HIV status in the Scott County, Indiana HIV outbreak
- ▶ The number of HIV cases due to IDU dropped 80% within 4 years of Washington DC's implementation of a syringe exchange program

Benefits of a Comprehensive Syringe Exchange Program

- ▶ Reduce risk behaviors as high as 80% in injecting drug users (National Institute of Health)
- ▶ Removes used syringes in the community, preventing accidental needle sticks
- ▶ Increases linkage to treatment/care leading to a reduction in drug use
- ▶ Teaches harm reduction techniques



Costs of HCV and HIV

- The average cost of a lifetime of medical care for a single HIV infection is \$385,200-\$618,000. New treatments for HCV cost **\$1000 a pill** and a twelve week treatment would cost \$84,000.
- Medicaid spent \$4.7 billion in 2014 on HCV treatment.

Cost Effective Intervention

The cost of a syringe is less than 50 cents. **One study found that for every dollar invested in a preventative SEP, \$3-\$7 will be saved in treatment costs.**

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**ONE NEEDLE,
ONE SYRINGE,
ONLY ONE TIME.**

