



# Hepatitis C in Ohio

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Medical Director

# Hepatitis Prevention Program

- ODH Program Manager and Health Services Policy Analyst
- Key internal partnerships with ODH Violence and Injury Prevention Program (VIPP), HIV Prevention and Care, STD Prevention, Hepatitis Surveillance
- Key external partnerships with Gilead FOCUS, Ohio Association of Community Health Centers (OACHC)

# Hepatitis Prevention Program Priorities for 2018

## Hepatitis Prevention Pilot Project

- Establish relationship with OACHC
- Partner with FQHCs in high HCV morbidity areas
- Implement testing interventions

## Support HCV testing

- Communities w/ increase in IDU-related HIV
- High HCV morbidity areas in Ohio

# Hepatitis C Resource Guide

- Created in 2017
- Provides information on HCV resources available throughout Ohio including:
  - HCV antibody screening locations, confirmatory HCV RNA testing, syringe exchange programs (SEPs), and Project DAWN (naloxone distribution) sites


# Hepatitis C Resource Guide





- All locations included in the resource guide offer their HCV resources for free, on a sliding-scale, or at a low fixed-fee cost
- Resource guide is available on ODH website:

<http://www.odh.ohio.gov/-/media/ODH/ASSETS/Files/bid/survhep/Hepatitis-Surveillance-Program/Ohio-HCV-Resource-Guide-PDF.pdf?la=en>



## HCV RESOURCES BY COUNTY

 = Local health department

	Antibody test	RNA test	Syringe exchange	Project DAWN
<b>ADAMS</b>				
 <b>Adams County Health Department</b> LOCAL HEALTH DEPARTMENT (937) 544-5547   No website 923 Sunrise Ave, West Union, OH 45693 <i>Population:</i> No testing   <i>Payment:</i> No testing				✓
<b>Health Source of Ohio – Seaman Family Practice and Pediatrics</b> FEDERALLY-QUALIFIED HEALTH CENTER, PHYSICIAN'S OFFICE (937) 396-1379   <a href="http://www.healthsourceofohio.org">www.healthsourceofohio.org</a> 218 Stern Dr, Seaman, OH 45679 <i>Population:</i> Patients   <i>Payment:</i> Sliding-scale	✓	✓		
<b>ALLEN</b>				
 <b>Allen County Combined Health District</b> LOCAL HEALTH DEPARTMENT (419) 228-4457   <a href="http://www.allencountypublichealth.org">www.allencountypublichealth.org</a> 219 E Market St, Lima, OH 45801 <i>Population:</i> General public   <i>Payment:</i> Sliding-scale	✓			
<b>Community Health Services – Lima</b> CLINIC, FEDERALLY-QUALIFIED HEALTH CENTER/LOOK-ALIKE (419) 998-8250   <a href="http://www.fremontchhs.com">www.fremontchhs.com</a> 1005 Bellefontaine Ave, Suite 300, Lima, OH 45804 <i>Population:</i> General public   <i>Payment:</i> Sliding-scale	✓	✓		
<b>Health Partners of Western Ohio – Dr. Gene Wright Community Health Center</b> CLINIC, FEDERALLY-QUALIFIED HEALTH CENTER/LOOK-ALIKE (419) 221-3072   <a href="http://www.hpwohio.org">www.hpwohio.org</a> 441 E 8th St, Lima, OH 45804 <i>Population:</i> General public   <i>Payment:</i> Sliding-scale	✓	✓		
<b>Health Partners of Western Ohio – Quick Care</b> CLINIC, FEDERALLY-QUALIFIED HEALTH CENTER/LOOK-ALIKE (419) 221-3072   <a href="http://www.hpwohio.org">www.hpwohio.org</a> 1550 N Main St, Lima, OH 45801 <i>Population:</i> General public   <i>Payment:</i> Sliding-scale	✓	✓		
<b>ASHLAND</b>				
 <b>Ashland County-City Health Department</b> LOCAL HEALTH DEPARTMENT (419) 282-4231   <a href="http://www.ashlandhealth.com">www.ashlandhealth.com</a> 1763 OH-60, Ashland, OH 44805 <i>Population:</i> No testing   <i>Payment:</i> No testing				
<b>ASHTABULA</b>				
 <b>Ashtabula City Health Department</b> LOCAL HEALTH DEPARTMENT (440) 992-7123 <a href="http://www.cityofashtabula.com/city-departments/health-department">www.cityofashtabula.com/city-departments/health-department</a> 4717 Main Ave, Ashtabula, OH 44004 <i>Population:</i> No testing   <i>Payment:</i> No testing				

# HCV Morbidity in Ohio

# HCV Surveillance Case Definitions

- Acute and chronic HCV are considered separate reportable conditions nationally and in Ohio:
  - One individual can have both acute and chronic records
- Acute case classification minimum requirements:
  - Symptoms
  - Jaundice or ALT (liver enzyme) levels >200
  - Positive anti-HCV or RNA
- Chronic case classification minimum requirements:
  - Positive anti-HCV or RNA
- Perinatal\* infection classification minimum requirements:
  - 2-36 months of age with no known exposure outside of perinatal
  - RNA positive

\*Perinatal case definition introduced by CDC in 2018

Centers for Disease Control and Prevention National Notifiable Diseases Surveillance System (NNDSS)

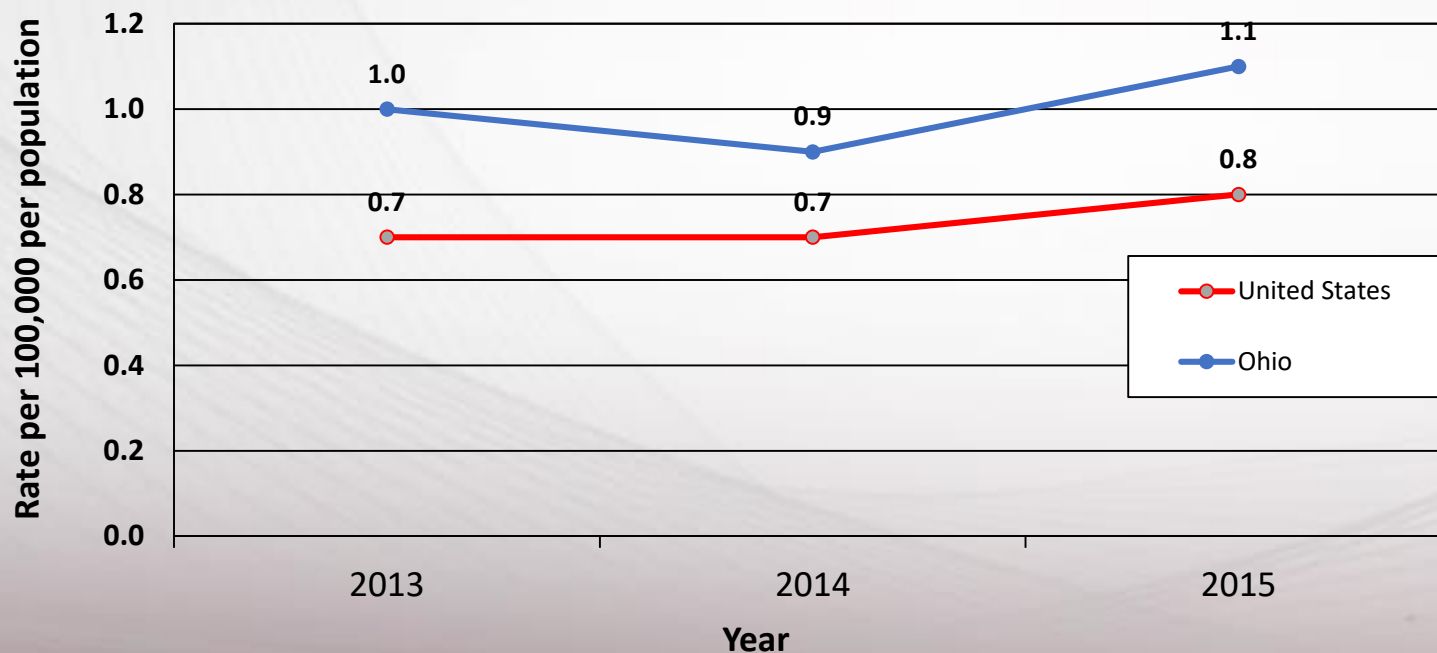
Available at: <https://www.cdc.gov/nndss/conditions/search/Hepatitis/>



# Ohio vs. National Acute HCV Trends

- Ohio's rate of acute HCV was above the national rate for three years, 2013-2015

Acute HCV by Year, Ohio vs. United States, 2013-2015

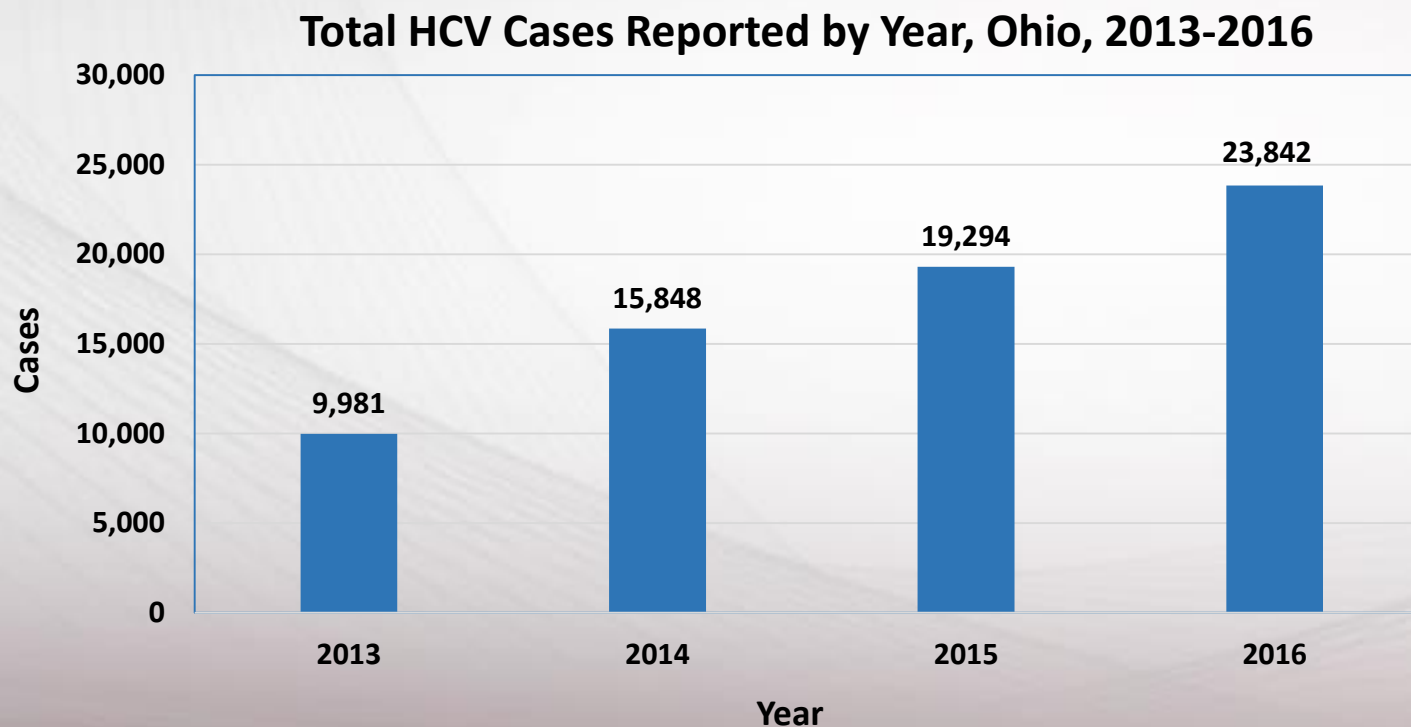


Source of Ohio data: Ohio Department of Health Hepatitis Surveillance, reported as of June 17, 2017

Source of U.S. data: CDC's Surveillance for Viral Hepatitis – United States, 2015

# Ohio HCV Case Trends, 2013-2016

- Total HCV cases reported in Ohio more than doubled
  - 9,981 cases in 2013 to 23,842 in 2016

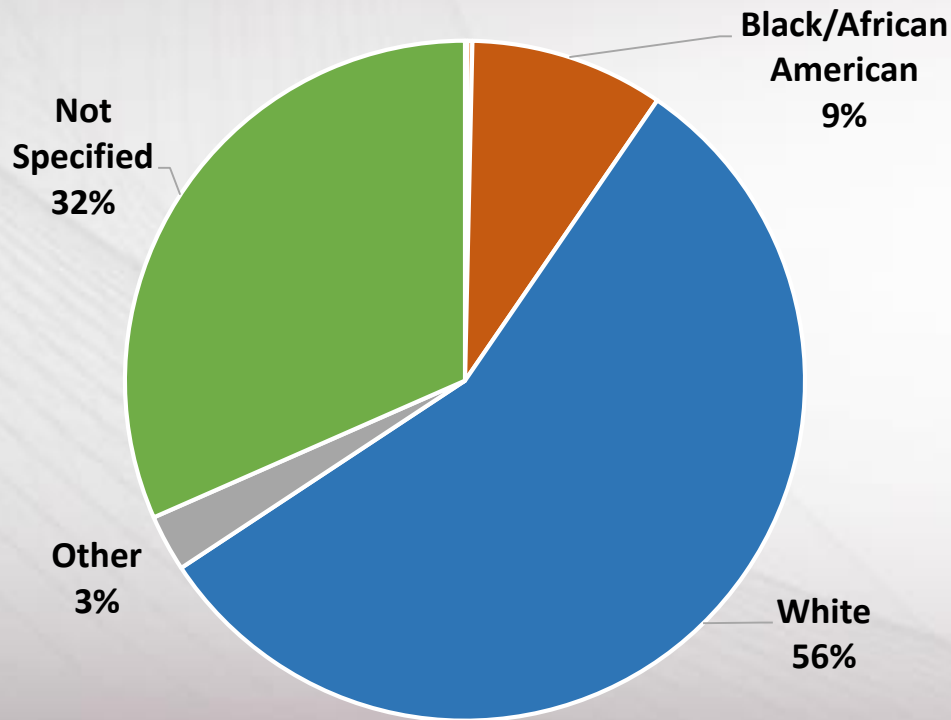


Source of Ohio data: Ohio Department of Health Hepatitis Surveillance, reported as of June 17, 2017

Total HCV equals all hepatitis C cases, both "acute" and "past or present" for 2013, 2014 and 2015 and both "acute" and "chronic" for 2016.

# 2016 Ohio HCV Cases: Race

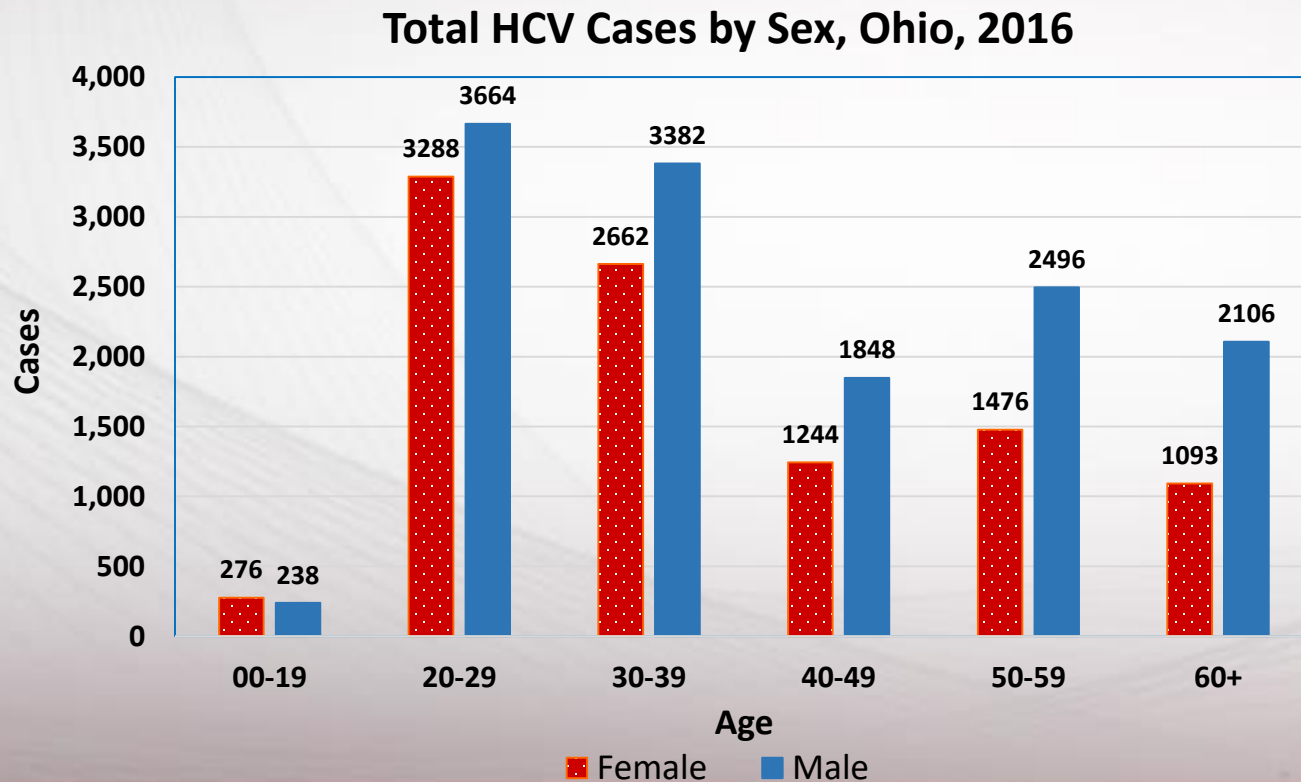
Total HCV Cases by Race, Ohio, 2016



- Majority of cases are white
- 32% are missing race data (i.e. is not reported)

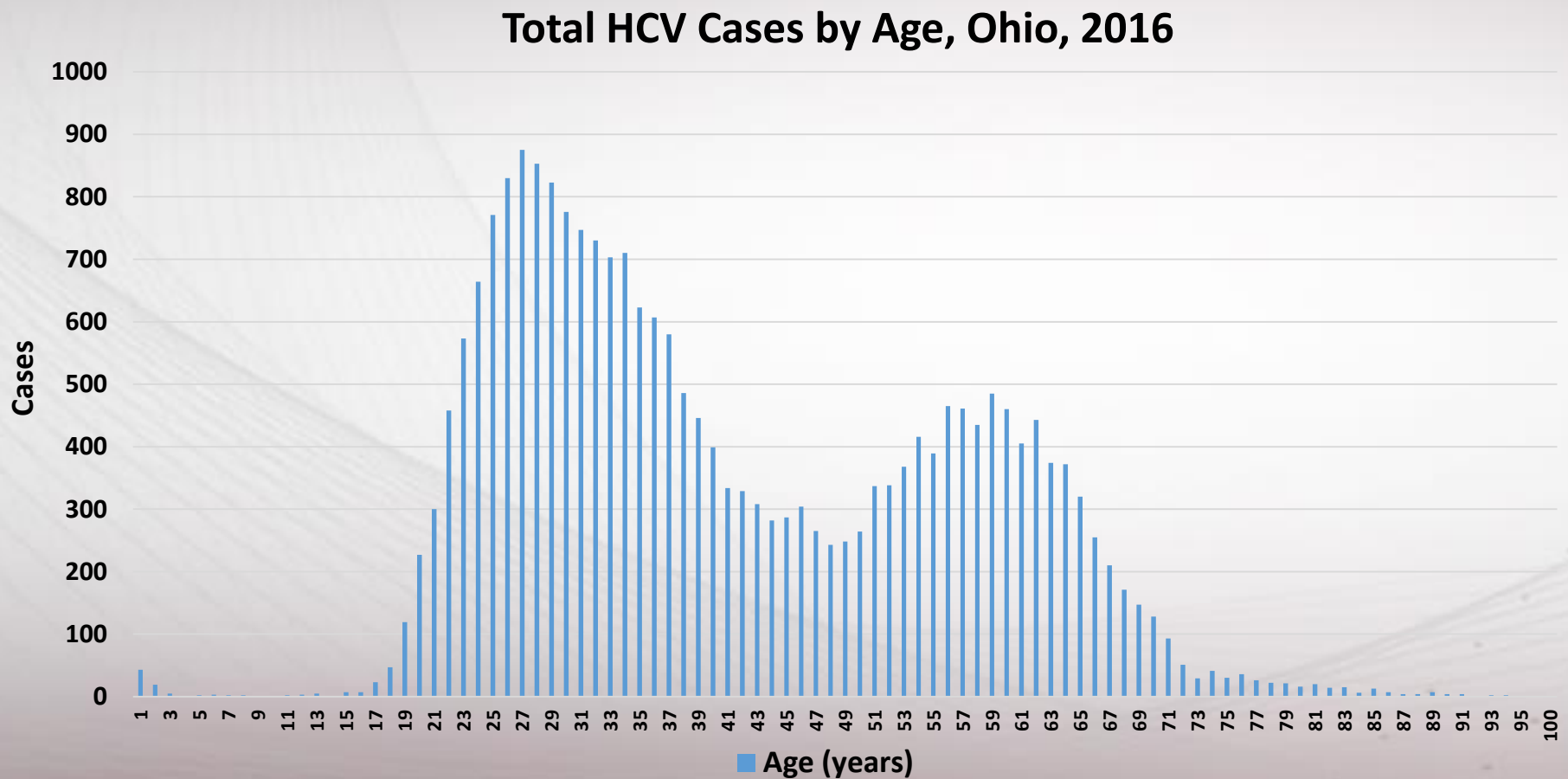
# 2016 Ohio HCV Cases: Sex

- 58% Male
- 42% Female



Source of Ohio data: Ohio Department of Health Hepatitis Surveillance, reported as of June 17, 2017  
Total HCV equals all hepatitis C cases, both "acute" and "chronic."

# 2016 Ohio HCV Cases: Age

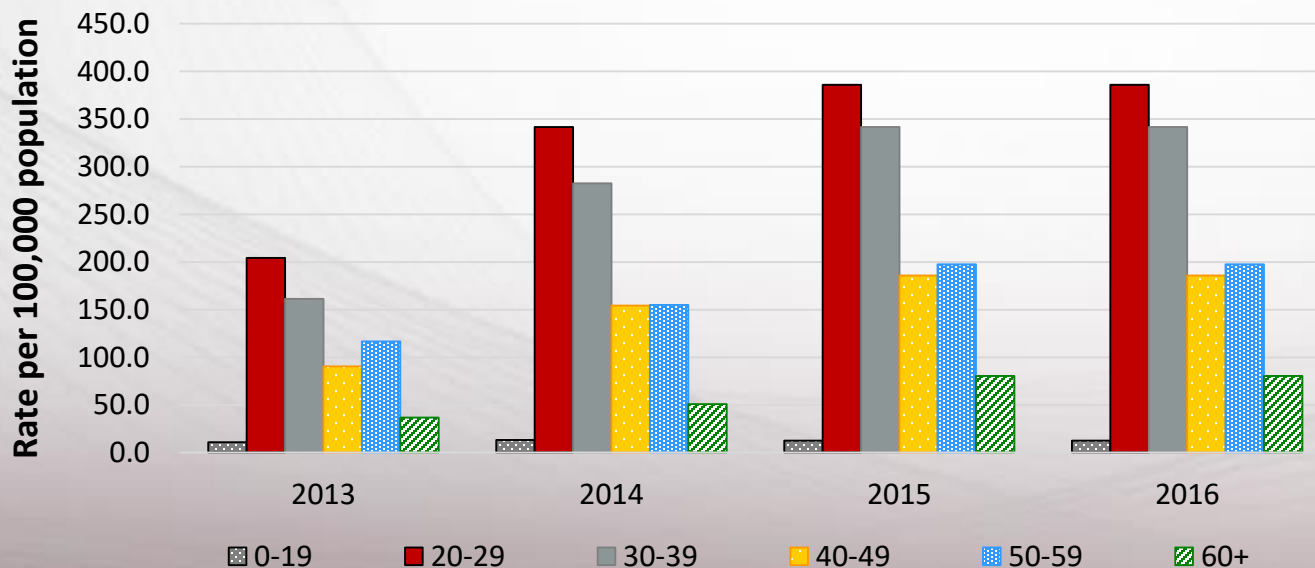


Source of Ohio data: Ohio Department of Health Hepatitis Surveillance Program. Data reported through 4/15/2017.  
Total HCV equals all hepatitis C cases, both "acute" and "chronic."

# 2013-2016 Ohio HCV Trends: Age

- Ohio: Highest case rates seen in 20-29 and 30-39 age groups
- National data (not displayed)\*
  - 2015: highest rates were seen among persons 20-29 year of age
  - 2010-2015: largest increases were in 20-29 and 30-39 age groups\*

**Total HCV Rates by Age, Ohio, 2013 - 2016**



Source of Ohio data: Ohio Department of Health Hepatitis Surveillance, reported as of June 17, 2017

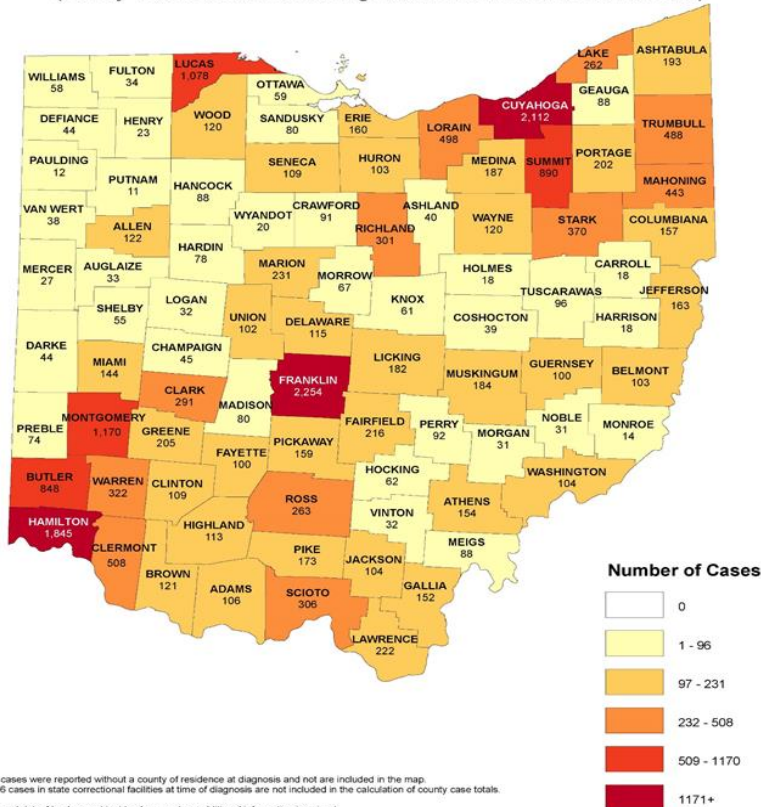
Total HCV equals all hepatitis C cases, both "acute" and "past or present" for 2013, 2014 and 2015 and both "acute" and "chronic" for 2016.

\*CDC data related to national acute cases

# Ohio HCV Cases: Counties

## Ohio Residential Total Hepatitis C Cases By County<sup>1</sup>, 2016 Total Cases = 23,842

(County Totals Exclude Cases Diagnosed in State Correctional Facilities)



<sup>1</sup>) 661 cases were reported without a county of residence at diagnosis and not included in the map.  
2,276 cases in state correctional facilities at time of diagnosis are not included in the calculation of county case totals.  
Provisional data. Numbers subject to change when additional information is gained.  
Source: Ohio Department of Health, Hepatitis Surveillance Program. Data reported as of 6/17/2017.

- Highest case counts in 2016
  - Cuyahoga
  - Franklin
  - Hamilton
- From 2015 to 2016:
  - 16 counties saw total case counts decrease
  - 72 counties increased
    - Williams : 205.3% increase
    - Sandusky: 196.3% increase
    - Summit: 105.1% increase

Source of Ohio data: Ohio Department of Health Hepatitis Surveillance, reported as of June 17, 2017  
Total HCV equals all hepatitis C cases, both "acute" and "chronic."

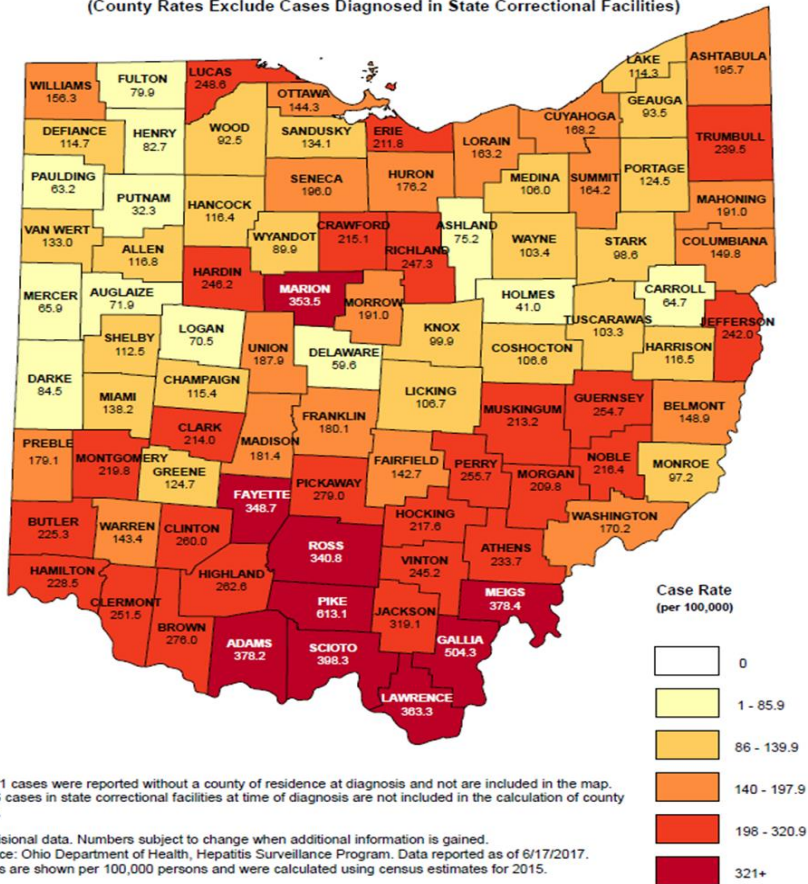


# Ohio HCV Rates: Counties

Figure 9: Ohio Total Hepatitis C Case Rate By County<sup>1</sup>, 2016

Ohio Rate = 205.3 per 100,000 population

(County Rates Exclude Cases Diagnosed in State Correctional Facilities)



- Highest case rates found in southern Ohio
  - Pike: 613.1 per 100,000
  - Gallia: 504.3 per 100,000
  - Scioto: 398.3 per 100,000
- 34 counties had case rates greater than the overall state rate of 205.3 per 100,000

Source of Ohio data: Ohio Department of Health Hepatitis Surveillance, reported as of June 17, 2017  
Total HCV equals all hepatitis C cases, both "acute" and "chronic."



# More Information

Ohio Hepatitis C Surveillance Data

<http://www.odh.ohio.gov/odhprograms/bid/survhep/Hepatitis-Surveillance-Data.aspx>