

**Michigan Acute Hepatitis C Surveillance Summary
Cases Reported January 1, 2011 through December 31, 2011¹**

Acute Hepatitis C

Number of confirmed cases²=32

Michigan rate per 100,000 population=0.32

<u>Age (years)</u>	<u>N</u>	<u>Percent</u>
<1	1	3.1%
1-4	0	0.0%
5-9	0	0.0%
10-14	0	0.0%
15-19	2	6.3%
20-24	5	15.6%
25-29	6	18.8%
30-34	5	15.6%
35-39	4	12.5%
40-44	0	0.0%
45-49	3	9.4%
50-54	3	9.4%
55-59	1	3.1%
60-64	1	3.1%
65-69	0	0.0%
>70	1	3.1%
Unknown	0	0.0%

<u>Gender</u>	<u>N</u>	<u>Percent</u>
Male	16	50.0%
Female	16	50.0%
Unknown	0	0.0%

<u>Race</u>	<u>N</u>	<u>Percent</u>
American Indian or Alaska Native	<5	N/A
Asian	<5	N/A
African American	<5	N/A
Hawaiian or Pacific Islander	<5	N/A
Caucasian	21	65.6%
Other	<5	N/A
Unknown	6	18.8%
Multiple Races selected	<5	N/A

<u>Ethnicity</u>	<u>N</u>	<u>Percent</u>
Hispanic or Latino	<5	N/A
Not Hispanic or Latino	16	50.0%
Unknown	15	46.9%

Reported Cases by County

Alcona	0	Lake	0
Alger	0	Lapeer	0
Allegan	0	Leelanau	1
Alpena	0	Lenawee	2
Antrim	0	Livingston	1
Arenac	0	Luce	0
Baraga	0	Mackinac	0
Barry	0	Macomb	2
Bay	0	Manistee	0
Benzie	2	Marquette	0
Berrien	0	Mason	0
Branch	0	Mecosta	0
Calhoun	0	Menominee	0
Cass	0	Midland	3
Charlevoix	1	Missaukee	0
Cheboygan	0	Monroe	0
Chippewa	0	Montcalm	0
Clare	0	Montmorency	0
Clinton	0	Muskegon	0
Crawford	1	Newaygo	0
Delta	1	Oakland	3
Detroit City	1	Oceana	0
Dickinson	0	Ogemaw	0
Eaton	1	Ontonagon	0
Emmet	0	Osceola	0
Genesee	2	Oscoda	0
Gladwin	0	Otsego	0
Gogebic	0	Ottawa	1
Grand Traverse	2	Presque Isle	1
Gratiot	0	Roscommon	0
Hillsdale	1	Saginaw	0
Houghton	1	Sanilac	0
Huron	0	Schoolcraft	0
Ingham	0	Shiawassee	0
Ionia	0	St Clair	1
Iosco	0	St Joseph	0
Iron	0	Tuscola	0
Isabella	0	Van Buren	0
Jackson	1	Washtenaw	1
Kalamazoo	0	Wayne	1
Kalkaska	0	Wexford	1
Kent	0		
Keweenaw	0		

Footnotes:

¹ Represents cases reported to MDCH by local health departments during 2011.

² Case Definition (2011)

Clinical Presentation

An acute illness with a discrete onset of any sign or symptom consistent with acute viral hepatitis (e.g., anorexia, abdominal discomfort, nausea, vomiting), and either a) jaundice/dark urine, or b) serum alanine aminotransferase (ALT) levels >400 IU/L.

Laboratory Criteria for Diagnosis

One or more of the following three criteria:

Antibodies to hepatitis C virus (anti-HCV) screening-test-positive with a signal to cut-off ratio predictive of a true positive as determined for the particular assay as defined by CDC, OR

Hepatitis C Virus Recombinant Immunoblot Assay (HCV RIBA) positive, OR

Nucleic Acid Test (NAT) for HCV RNA positive (including genotype)

AND, meets the following two criteria:

IgM antibody to hepatitis A virus (IgM anti-HAV) negative, AND

IgM antibody to hepatitis B core antigen (IgM anti-HBc) negative

Case Classification:

Confirmed: a case that meets the clinical case definition, is laboratory confirmed, and is not known to have chronic hepatitis C.

Note: Percentages may not equal 100 due to rounding.