

# New York State Acute Hepatitis Surveillance Summary

## Cases Reported January 1, 2009 through December 31, 2009<sup>1</sup>

### Acute Hepatitis B

|   |      |
|---|------|
| Number of confirmed cases <sup>2</sup>        | 57   |
| NYS rate per 100,000 population <sup>3</sup>  | 0.51 |
| U.S. rate per 100,000 population <sup>4</sup> | 1.51 |

| Age (years) | N  | %    |
|-------------|----|------|
| ≤ 1         | 0  | 0.0  |
| 2-5         | 0  | 0.0  |
| 6-10        | 0  | 0.0  |
| 11-20       | 0  | 0.0  |
| 21-30       | 4  | 7.0  |
| 31-40       | 9  | 15.8 |
| 41-50       | 26 | 45.6 |
| 50+         | 18 | 31.6 |

Mean Age: 47.4 years

| Gender | N  | %    |
|--------|----|------|
| Male   | 48 | 84.2 |
| Female | 9  | 15.8 |

| Race                    | N  | %    |
|-------------------------|----|------|
| White                   | 41 | 71.9 |
| Black                   | 5  | 8.8  |
| Alaskan Native/Amer Ind | 0  | 0.0  |
| Asian/Pac Islander      | 0  | 0.0  |
| Other                   | 1  | 1.8  |
| Unknown                 | 10 | 17.5 |

| Ethnicity    | N  | %    |
|--------------|----|------|
| Non-Hispanic | 39 | 68.4 |
| Hispanic     | 6  | 10.5 |
| Unknown      | 12 | 21.1 |

### Reported Cases by County<sup>5</sup>

|          |   |          |   |             |   |             |    |
|----------|---|----------|---|-------------|---|-------------|----|
| Albany   | 4 | Nassau   | 8 | Otsego      | 1 | Suffolk     | 12 |
| Broome   | 1 | Niagara  | 1 | Putnam      | 1 | Westchester | 2  |
| Cayuga   | 1 | Onondaga | 3 | Rensselaer  | 1 |             |    |
| Dutchess | 4 | Ontario  | 2 | Rockland    | 2 |             |    |
| Erie     | 3 | Orange   | 1 | Saratoga    | 2 |             |    |
| Monroe   | 3 | Oswego   | 2 | Schenectady | 3 |             |    |

### FOOTNOTES:

<sup>1</sup> Represents cases reported to the NYSDOH by local health departments during 2009, excluding New York City.

<sup>2</sup> Confirmed Case Definition (based on national surveillance guidelines):

Clinical criteria: An acute illness with:  
1) a discrete onset of symptoms and  
2) jaundice or elevated liver enzymes

Laboratory criteria:

1) IgM anti-HAV negative (if done) and  
2) IgM anti-HBc or HBsAg positive

<sup>3</sup> Source: Census.gov 2009 State Population Estimates

<sup>4</sup> Source: Centers for Disease Control and Prevention National Notifiable Disease Surveillance System, 2007.

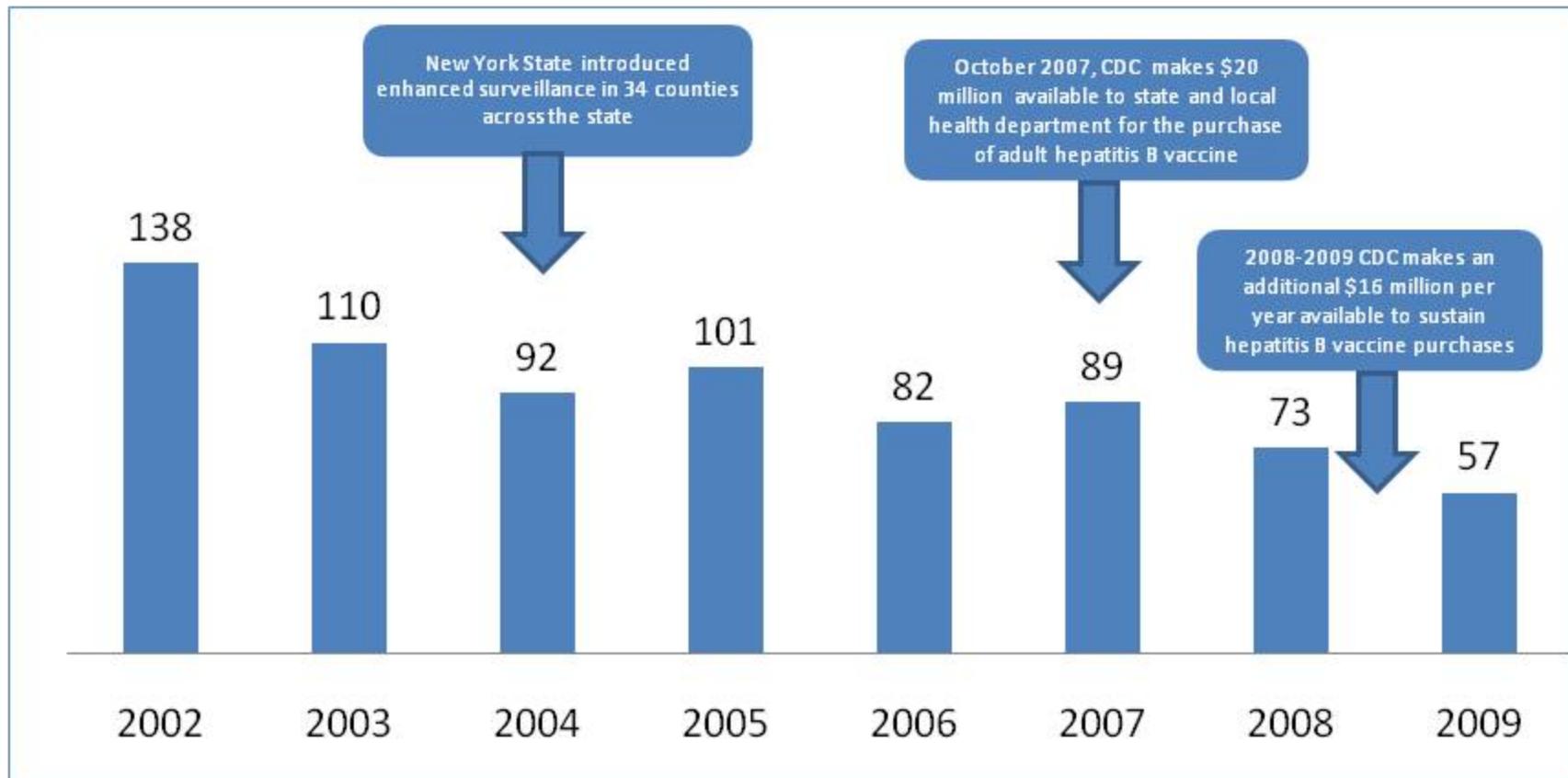
<sup>5</sup> Includes only counties that reported at least one case of acute hepatitis B in 2009.

Note: Percentages may not equal 100 due to rounding



For more information, or if you have questions about this summary report, please contact the Bureau of Communicable Disease Control @ (518) 473-4439 or email [hepatabc@health.state.ny.us](mailto:hepatabc@health.state.ny.us).

# New York State Confirmed Acute Hepatitis B Cases Reported 2002-2009\*



\*Excludes New York City

**Number and percent\* of cases with confirmed acute hepatitis B who reported selected epidemiologic risks by age group - New York State 2009**

| Risk Factors for Infection†              | Age Group (Years) |          |          |          |          |          |          |          |          |            |          |             |           |             |           |             |           |              |
|--|-------------------|----------|----------|----------|----------|----------|----------|----------|----------|------------|----------|-------------|-----------|-------------|-----------|-------------|-----------|--------------|
|  | <2                |          | 2-5      |          | 6-10     |          | 11-20    |          | 21-30    |            | 31-40    |             | 41-50     |             | >50       |             | Total     |              |
|  | N                 | %        | N        | %        | N        | %        | N        | %        | N        | %          | N        | %           | N         | %           | N         | %           | N         | %            |
| Injection drug use                       | 0                 | N/A      | 0        | N/A      | 0        | N/A      | 0        | N/A      | 0/2      | 0          | 0/9      | 0           | 0/24      | 0           | 0/16      | 0           | 0/51      | 0.0          |
| Sexual contact of a case                 | 0                 | N/A      | 0        | N/A      | 0        | N/A      | 0        | N/A      | 0/0      | 0          | 0/0      | 0           | 1/6       | 16.7        | 0/3       | 0           | 1/9       | 11.1         |
| Household contact of a case              | 0                 | N/A      | 0        | N/A      | 0        | N/A      | 0        | N/A      | 1/1      | 100        | 0/1      | 0           | 0/7       | 0           | 0/5       | 0           | 1/14      | 7.1          |
| Homosexual activity (male)               | 0                 | N/A      | 0        | N/A      | 0        | N/A      | 0        | N/A      | 0/2      | 0          | 1/5      | 20.0        | 4/18      | 22.2        | 1/15      | 6.7         | 6/40      | 15.0         |
| Medical employee-blood contact           | 0                 | N/A      | 0        | N/A      | 0        | N/A      | 0        | N/A      | 0/2      | 0          | 1/8      | 12.5        | 0/24      | 0           | 0/17      | 0           | 1/51      | 2.0          |
| Hemodialysis                             | 0                 | N/A      | 0        | N/A      | 0        | N/A      | 0        | N/A      | 0/2      | 0          | 0/8      | 0           | 0/25      | 0           | 0/17      | 0           | 0/52      | 0.0          |
| Had >1 sex partner                       | 0                 | N/A      | 0        | N/A      | 0        | N/A      | 0        | N/A      | 1/2      | 50.0       | 1/7      | 14.3        | 5/22      | 22.7        | 3/16      | 18.8        | 10/47     | 21.3         |
| Heterosexual                             | 0                 | N/A      | 0        | N/A      | 0        | N/A      | 0        | N/A      | 1/2      | 50.0       | 1/6      | 16.7        | 4/19      | 21.1        | 2/8       | 25          | 8/35      | 22.9         |
| Homosexual or bisexual (male)            | 0                 | N/A      | 0        | N/A      | 0        | N/A      | 0        | N/A      | 0/0      | 0          | 0/1      | 0           | 1/4       | 25.0        | 1/1       | 100.0       | 2/6       | 33.3         |
| Blood transfusion                        | 0                 | N/A      | 0        | N/A      | 0        | N/A      | 0        | N/A      | 0/2      | 0          | 0/7      | 0           | 1/24      | 4.2         | 1/17      | 5.9         | 2/50      | 4.0          |
| Surgery                                  | 0                 | N/A      | 0        | N/A      | 0        | N/A      | 0        | N/A      | 0/2      | 0          | 0/8      | 0           | 0/23      | 0           | 0/17      | 0           | 0/50      | 0.0          |
| Needlestick injury                       | 0                 | N/A      | 0        | N/A      | 0        | N/A      | 0        | N/A      | 1/2      | 50.0       | 0/8      | 0           | 1/24      | 4.2         | 1/16      | 6.3         | 3/50      | 6.0          |
| Other Healthcare <sup>1</sup>            | 0                 | N/A      | 0        | N/A      | 0        | N/A      | 0        | N/A      | 0/2      | 0          | 1/7      | 14.3        | 7/23      | 30.4        | 7/16      | 43.8        | 15/48     | 31.3         |
| Other <sup>3</sup>                       | 0                 | N/A      | 0        | N/A      | 0        | N/A      | 0        | N/A      | 2/3      | 66.7       | 4/8      | 50.0        | 7/21      | 33.3        | 2/16      | 12.5        | 15/48     | 31.3         |
| No reported risks <sup>3</sup>           | 0                 | N/A      | 0        | N/A      | 0        | N/A      | 0        | N/A      | 1/4      | 25.0       | 2/9      | 22.2        | 6/26      | 23.1        | 4/18      | 22.2        | 13/57     | 22.8         |
| <b>Total number of cases<sup>4</sup></b> | <b>0</b>          | <b>0</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>4</b> | <b>7.0</b> | <b>9</b> | <b>15.8</b> | <b>26</b> | <b>45.6</b> | <b>18</b> | <b>31.6</b> | <b>57</b> | <b>100.0</b> |

\* The percentage of cases for which a specific risk factor was reported was calculated on the basis of the total number of cases for which any information for that exposure was reported. Percentages might not total 100% because multiple risk factors might have been reported for a single case.

† Exposures that occurred during the 6 weeks–6 months before onset of illness.

<sup>1</sup>Other healthcare includes the following variables infusion/injections, hospitalization, living in a long term care facility, dental work, or acupuncture in the incubation period

<sup>2</sup>Other includes having a tattoo, body piercing performed in the incubation period, being incarcerated and having been treated for an STD.

<sup>3</sup> Cases for which risk factor data is missing or unknown.

<sup>4</sup>Total number of cases reported in each age group