Burden of Hepatitis C in NYS
Background

• Providers are required to report acute and chronic HCV cases
• Laboratories are required to report all positive anti-HCV test results and all positive and negative HCV RNA test results
• These data represent:
  – HCV case report data
    • It’s not incidence or prevalence
    • Cases must meet CSTE*/CDC case definition
  – Cases reported in “Rest of State” only
    • NYC is excluded
  – Inmates are included

CSTE- Council of State and Territorial Epidemiologists
Total Hepatitis C by Year, NYS (Excluding NYC)

- 2005: 10,426
- 2012: 6,925
- 2013: 6,884
- 2014: 8,860
- 2015: 8,489

Acute Hepatitis C by Year, NYS (Excluding NYC)

- 2005: 22
- 2012: 79
- 2013: 114
- 2014: 114
- 2015: 113

Data Source: NYSDOH, Bureau of Communicable Disease Control, CDESS
Note: Data represent cases that meet CSTE/CDC case definition for national notification and are current as of 8/3/2016.
Total Hepatitis C by Age, Sex and Year, NYS (Excluding NYC)

2005

2012

2015

Female
Male
Total Hepatitis C Rates: NYS (Excluding NYC) by Sex and Age Group, 2015
Total Hepatitis C : NYS (Excluding NYC) by Race and Ethnicity, 2015

- White: 52%
- Black: 8%
- Asian: 1%
- American Indian/Alaskan: 1%
- Other: 3%
- Unknown: 35%

Hispanic or Latino: 6%
Not Hispanic or Latino: 38%
Total Unknown: 56%
Total Hepatitis C: NYS (Excluding NYC) <30 Years by Race, 2015

- Unknown: 32%
- White: 62%
- Other: 2%
- Asian: 1%
- American Indian/Alaskan: 1%
- Black: 2%

Total Hepatitis C: NYS (Excluding NYC) 30+ Years by Race, 2015

- Unknown: 36%
- White: 48%
- Other: 3%
- Asian: 3%
- American Indian/Alaskan: 1%
- Black: 11%
Total Hepatitis C: NYS (Excluding NYC)
Reported Injection Drug Use (IDU) by Year
Total Hepatitis C: NYS (Excluding NYC) by Age & Injection Drug Use (IDU)
Total Hepatitis C : NYS (Excluding NYC)
IDU Status by Sex and Age, 2015
## Total Hepatitis C Among Females: NYS (Excluding NYC)
### Percent by Year & Age Group

<table>
<thead>
<tr>
<th>Year</th>
<th>% &lt; 15</th>
<th>% 15-44</th>
<th>% 45+</th>
<th># 15-44</th>
<th># 45+</th>
</tr>
</thead>
<tbody>
<tr>
<td>2005</td>
<td>0.4%</td>
<td>35.7%</td>
<td>63.8%</td>
<td>1,113</td>
<td>1,987</td>
</tr>
<tr>
<td>2012</td>
<td>0.2%</td>
<td>43.5%</td>
<td>56.3%</td>
<td>1,106</td>
<td>1,434</td>
</tr>
<tr>
<td>2013</td>
<td>0.4%</td>
<td>50.9%</td>
<td>48.7%</td>
<td>1,298</td>
<td>1,241</td>
</tr>
<tr>
<td>2014</td>
<td>0.3%</td>
<td>47.8%</td>
<td>51.9%</td>
<td>1,615</td>
<td>1,751</td>
</tr>
<tr>
<td>2015</td>
<td>0.3%</td>
<td>56.5%</td>
<td>43.2%</td>
<td>1,809</td>
<td>1,384</td>
</tr>
</tbody>
</table>
Percent of Total Hepatitis C: NYS by Year & Region (Excluding NYC)

Year | Capital | Central | Metro | Western
--- | --- | --- | --- | ---
2005 | 15% | 12% | 45% | 27%
2012 | 13% | 15% | 49% | 24%
2013 | 13% | 15% | 46% | 26%
2014 | 12% | 16% | 43% | 29%
2015 | 13% | 18% | 41% | 29%
Total Hepatitis C Rates: NYS (Excluding NYC) by Region, 2015

- **Capital**: 71.0 cases per 100,000, cases ↑22% since 2012
- **Central**: 85.9 cases per 100,000, cases ↑48% since 2012
- **Metropolitan**: 66.9 cases per 100,000, cases ↑3% since 2012
- **Western**: 87.4 cases per 100,000, cases ↑47% since 2012
- **Total Rest of State**: 75.5 cases per 100,000, cases ↑23% since 2012
Total Hep C (Acute+ Chronic) Reports: 2012—2015

Source: NYS DOH CDESS, as of Aug. 4, 2016, excludes NYC

Total Hepatitis C: NYS Average Rates per 100,000 by County, 2012—2015

Source: NYS DOH CDESS, as of Aug. 4, 2016 & 2015 NCHS bridged population estimates, excludes NYC
Summary

• Hepatitis C is no longer primarily among baby boomers. Rates are higher in 20-39 age-group.
• When information on risk is available, IDU is very common among cases < 30 years (90%), and equally common among male and female cases (70%).
• Most (57%) female cases are of child-bearing age. Rates are higher among women of childbearing age (86.3 per 100,000) and are increasing.
• Rates of hepatitis C are highest in Central and Western NY and increasing, while the Metro region has the most cases.
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