2012 Legionnaires’ Disease Statistics
Minnesota Department of Health

Number of Legionnaires’ Disease Cases and Deaths in Minnesota, 2006-2012

This graph shows the number of confirmed cases and the number of deaths from Legionnaires’ disease that occurred each year from 2006 through 2012. The number of cases ranged from 25-35 until the 47 cases in 2012, and the number of deaths ranged from 0-4.

<table>
<thead>
<tr>
<th>Year</th>
<th>Number of Confirmed Cases</th>
<th>Incidence Rate</th>
</tr>
</thead>
<tbody>
<tr>
<td>2011</td>
<td>28</td>
<td>0.51 per 100,000</td>
</tr>
<tr>
<td>2012</td>
<td>46</td>
<td>0.85 per 100,000</td>
</tr>
</tbody>
</table>

- In 2012, confirmatory laboratory tests performed included urine antigen (98%), culture (7%), and PCR (7%).
- The number of legionellosis cases reported in 2012 is a 61% increase from the 28 cases reported in 2011.
- Since 2006, the incidence rate has ranged from 0.48 to 0.85 cases per 100,000 population.

Age Distribution of Legionnaires’ Disease Cases in Minnesota, 2006-2012

This graph shows the number of cases by age group from 2006-2012. A large increase in cases in the 60-69 year age group can be seen in 2012.

- The highest incidence occurred among persons 65 to 69 years of age (5.27 per 100,000) followed by persons 70 to 74 years of age (4.86 per 100,000) and 80-84 years of age (4.0 per 100,000).
**Likely Origin of Legionnaires’ Disease Infection in Minnesota, 2010-2012**

This graph shows the number of confirmed cases of Legionnaires’ disease in Minnesota from 2010 through 2012, as well as the likely origin of the infection. There was a 68% increase in the number of confirmed cases from 2011 to 2012.

- Among 2012 cases, 11 (24%) likely acquired the disease while travelling outside the state, 3 (7%) likely acquired the disease in the hospital, 27 (59%) likely acquired the disease locally, and 5 (11%) are unknown.
- 27 (59%) of cases occurred among residents of the Minneapolis-St. Paul metropolitan area.
- Three cases (7%) died as a result of their infection.

- According to CDC, cases of legionellosis reported to the National Notifiable Disease Surveillance System increased 217% from 2000-2009.
- No outbreaks were identified in Minnesota in 2012.