Online Appendix

Estimating the Effects of Milk Inspections on Infant and Child Mortality, 1880-1910

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Appendix A

Appendix Table A1. Municipal Milk Inspection Dates and Data Availability

<table>
<thead>
<tr>
<th>City and state</th>
<th>Year milk inspections began</th>
<th>Years covered for infant mortality counts</th>
<th>Years covered for child mortality counts</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mobile, AL</td>
<td>1905</td>
<td>1889-1910</td>
<td>1905-1910</td>
</tr>
<tr>
<td>San Francisco, CA</td>
<td>1898</td>
<td>1881-1897, 1900-1910</td>
<td>1881-1900-1910</td>
</tr>
<tr>
<td>Bridgeport, CT</td>
<td>...</td>
<td>1880-1910</td>
<td>1880-1910</td>
</tr>
<tr>
<td>Hartford, CT</td>
<td>1883</td>
<td>1880-1881, 1883-1910</td>
<td>1880-1881, 1883-1910</td>
</tr>
<tr>
<td>New Haven, CT</td>
<td>...</td>
<td>1880-1910</td>
<td>1880-1910</td>
</tr>
<tr>
<td>Waterbury, CT</td>
<td>...</td>
<td>1880-1910</td>
<td>1880-1910</td>
</tr>
<tr>
<td>Atlanta, GA</td>
<td>1895</td>
<td>1893-1910</td>
<td>1880-1910</td>
</tr>
<tr>
<td>Chicago, IL</td>
<td>1893</td>
<td>1880-1910</td>
<td>1880-1910</td>
</tr>
<tr>
<td>Indianapolis, IN</td>
<td>1897</td>
<td>1884-1887, 1895-1896, 1899-1910</td>
<td>1884-1887, 1895-1896, 1899-1910</td>
</tr>
<tr>
<td>New Orleans, LA(^{a})</td>
<td>1892</td>
<td>1881-1910</td>
<td>...</td>
</tr>
<tr>
<td>Portland, ME</td>
<td>1902</td>
<td>1887-1910</td>
<td>1887-1910</td>
</tr>
<tr>
<td>Baltimore, MD</td>
<td>1894</td>
<td>1880-1910</td>
<td>1880-1910</td>
</tr>
<tr>
<td>Grand Rapids, MI</td>
<td>1897</td>
<td>1890, 1892-1910</td>
<td>1890, 1892-1910</td>
</tr>
<tr>
<td>St. Paul, MN</td>
<td>1899</td>
<td>1885-1910</td>
<td>1885-1910</td>
</tr>
<tr>
<td>St. Louis, MO</td>
<td>1887</td>
<td>1880-1896, 1900-1910</td>
<td>1880-1910</td>
</tr>
<tr>
<td>Manchester, NH</td>
<td>1884</td>
<td>1883-1910</td>
<td>1883-1910</td>
</tr>
<tr>
<td>Camden, NJ</td>
<td>1883</td>
<td>1880-1910</td>
<td>1880-1910</td>
</tr>
<tr>
<td>Elizabeth, NJ</td>
<td>1883</td>
<td>1880-1910</td>
<td>1880-1910</td>
</tr>
<tr>
<td>Hoboken, NJ</td>
<td>1883</td>
<td>1880-1910</td>
<td>1880-1910</td>
</tr>
<tr>
<td>Jersey City, NJ</td>
<td>1883</td>
<td>1880-1910</td>
<td>1880-1910</td>
</tr>
<tr>
<td>Newark, NJ</td>
<td>1883</td>
<td>1880-1910</td>
<td>1880-1910</td>
</tr>
<tr>
<td>Paterson, NJ</td>
<td>1883</td>
<td>1880-1910</td>
<td>1880-1910</td>
</tr>
<tr>
<td>Trenton, NJ</td>
<td>1883</td>
<td>1880-1910</td>
<td>1880-1910</td>
</tr>
<tr>
<td>New York City, NY</td>
<td>1883</td>
<td>1880-1897</td>
<td>1880-1897</td>
</tr>
<tr>
<td>Rochester, NY</td>
<td>1891</td>
<td>1881-1910</td>
<td>1881-1910</td>
</tr>
<tr>
<td>Cleveland, OH</td>
<td>1887</td>
<td>1880-1910</td>
<td>1880-1910</td>
</tr>
<tr>
<td>Toledo, OH</td>
<td>1884</td>
<td>1881-1883, 1885, 1898-1910</td>
<td>1881-1883, 1885, 1898-1910</td>
</tr>
<tr>
<td>Philadelphia, PA</td>
<td>1889</td>
<td>1880-1910</td>
<td>1880-1910</td>
</tr>
<tr>
<td>Memphis, TN</td>
<td>1889</td>
<td>1880-1897, 1900-1910</td>
<td>1880-1897, 1900-1910</td>
</tr>
<tr>
<td>Richmond, VA</td>
<td>1893</td>
<td>1887-1910</td>
<td>1887-1910</td>
</tr>
<tr>
<td>Milwaukee, WI(^{a})</td>
<td>1891</td>
<td>1885-1890, 1892-1910</td>
<td>...</td>
</tr>
</tbody>
</table>

\(^{a}\) These cities are not included in the sample on child mortality because mortality counts are unavailable for the pre-treatment period.
## Appendix Table A2. Descriptive Statistics

<table>
<thead>
<tr>
<th></th>
<th>Mean (SD)</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Inspection</td>
<td>0.661 (0.473)</td>
<td>= 1 if city sampled and inspected its milk supply, = 0 otherwise</td>
</tr>
<tr>
<td>Filtration</td>
<td>0.082 (0.273)</td>
<td>= 1 if city had a water filtration plant, = 0 otherwise</td>
</tr>
<tr>
<td>Chlorination</td>
<td>0.005 (0.063)</td>
<td>= 1 if city treated water supply with chlorine, = 0 otherwise</td>
</tr>
<tr>
<td>Clean Water Project</td>
<td>0.043 (0.201)</td>
<td>= 1 if city had completed a clean water project, = 0 otherwise</td>
</tr>
</tbody>
</table>

N = 900

Notes: Unweighted means with standard deviations in parentheses.
Appendix B

Sources for Milk- and Water-Related Public Health Interventions

Mobile, AL


San Francisco, CA


Bridgeport, CT


Hartford, CT
Board of Water Commissioners (Hartford, CT). 1916 Sixty-Second Annual Report of the Board of Water Commissioners of the City of Hartford, Conn. for the year ending March 1, 1916. Hartford, CT: The Case, Lockwood, and Brainard Company.


**New Haven, CT**


**Waterbury, CT**


**Washington, D.C.**


**Atlanta, GA**


**Chicago, IL**


**Indianapolis, IN**


**New Orleans, LA**


**Portland, ME**


**Baltimore, MD**


“Milk that was Below the Standard.” 1894. Baltimore Sun, July 3, p. 8.


**Grand Rapids, MI**


**St. Paul, MN**

“Health Officer’s Staff.” 1899. Saint Paul Globe, May 2, p. 2.


**St. Louis, MO**


**Manchester, NH**


**Camden, NJ**


**Elizabeth, NJ**


**Hoboken, NJ**


**Jersey City, NJ**


**Newark, NJ**


**Patterson, NJ**


**Trenton, NJ**


**New York City, NY**


**Rochester, NY**


**Cleveland, OH**


**Dayton, OH**


**Toledo OH**


**Philadelphia, PA**


**Memphis, TN**


**Richmond, VA**


**Milwaukee, WI**  

