Influenza Vaccination Rates among Healthcare Workers
In Delaware Hospitals
2008-2009, 2009-2010 and 2010-2011 Influenza Seasons

Delaware Health and Social Services
Division of Public Health
Health Promotion and Disease Prevention
Bureau of Epidemiology

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The data in this report were accurate at the time prepared and do not reflect updates based on hospital findings that may have occurred subsequently.
In 2006 the Advisory Committee on Immunization Practices (ACIP) and the Healthcare Infection Control Practices Advisory Committee (HICPAC) recommended that all U.S. healthcare personnel be vaccinated annually against influenza.

Delaware hospitals report the percentage of healthcare workers that are vaccinated against seasonal influenza directly to the Division of Public Health. A healthcare worker is defined as “paid and unpaid persons working in a healthcare setting who have the potential for exposure to patients and / or infectious materials, including body substances, contaminated environmental surfaces or contaminated air.”

This includes:

- nursing - (patient-care techs, service assistants, RNs, LPNs, unit clerks)
- environmental services (housekeeping)
- dietary tray servers, hostesses, dietitians
- hospital phlebotomists
- maintenance/facilities
- patient escort and transporters
- pharmacy
- radiology (including interventional services)
- respiratory therapy
- social services and utilization, care managers, etc.
- textiles (laundry)
- volunteers
- therapies - PT, OT, speech and hearing, etc.
- security
- pastoral services
- hospital-employed physicians, advanced-practice nurses, and physician assistants

The percentage of Delaware hospital healthcare workers that were vaccinated against seasonal influenza ranges from 52.8% to 73.9% during the 2008-2009 influenza season, from 54.7% to 93.9% during the 2009-2010 season and from 55.1% to 87.9% during the 2010-2011 season. For comparison, results of a recent survey of 1,931 healthcare workers conducted by the Centers for Disease Control and Prevention (CDC) indicated that only 63.5% were vaccinated for the 2010-2011 season.

### Influenza Vaccination Rates among Healthcare Workers by Delaware Hospital, 2008-2009, 2009-2010 and 2010-2011 Influenza Seasons

<table>
<thead>
<tr>
<th>Hospital</th>
<th>2008-2009 Season</th>
<th>2009-2010 Season</th>
<th>2010-2011 Season</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Number of Healthcare Workers</td>
<td>Number Vaccinated (%)</td>
<td>Number of Healthcare Workers</td>
</tr>
<tr>
<td>A. I. duPont Hospital for Children</td>
<td>3,430</td>
<td>2,161 (63.0%)</td>
<td>1,912</td>
</tr>
<tr>
<td>Christiana Care Health System^1</td>
<td>7,491</td>
<td>5,021 (67.0%)</td>
<td>7,500</td>
</tr>
<tr>
<td>St. Francis Hospital</td>
<td>850</td>
<td>478 (56.2%)</td>
<td>1,279^2</td>
</tr>
<tr>
<td>BayHealth Medical Center – Kent General Hospital</td>
<td>1,639</td>
<td>874 (53.3%)</td>
<td>1,617</td>
</tr>
<tr>
<td>BayHealth Medical Center – Milford Memorial Hospital</td>
<td>713</td>
<td>378 (53.0%)</td>
<td>701</td>
</tr>
<tr>
<td>Beebe Medical Center</td>
<td>1,544</td>
<td>815 (52.8%)</td>
<td>1,450</td>
</tr>
<tr>
<td>Nanticoke Memorial Hospital</td>
<td>807</td>
<td>596 (73.9%)</td>
<td>1,097</td>
</tr>
</tbody>
</table>

^1 Christiana and Wilmington Hospitals combined

^2 Includes a long-term care facility
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![Bar chart showing influenza vaccination rates among healthcare workers at various Delaware hospitals over three seasons. The chart demonstrates variations in vaccination rates across different hospitals and seasons.]