What They Did:

During 2011-2013, the Massachusetts Department of Public Health (MDPH), Massachusetts League of Community Health Centers, and JSI Research and Training Institute collaborated to:

- Increase adult immunization rates
- Increase the number of health centers submitting immunization information into the Massachusetts Immunization Information System (MIIS)
- Increase the use of evidence-based strategies, i.e., standing orders and provider reminders about immunizations due

The multi-prong approach of the project combined several interventions: Education was provided through webinars, meetings with key health center groups, training/technical assistance and through the distribution of information, templates and policies. More than 30 community health centers participated in one or more interventions. A baseline and post-intervention survey measured changes.

Information technology drove progress. Health center electronic health record immunization data were collected every night through the project’s reporting platform, (called DRVS) and transmitted to MIIS. Connecting community health centers to the state’s immunization registry is one groundbreaking feature of the project. The project demonstrates to community health centers how using the state’s immunization information system will help them achieve meaningful use benchmarks and move toward roster billing capability.

As additional reporting capability expands within MIIS, health centers are being trained. In addition, 104 health center locations have registered with MIIS and utilize the MIIS modules on ordering and reporting inventory. By September 2013, the following data have been reported by community health centers:

- 265,246 adult immunizations entered in MIIS; baseline was “0”
- 52,802 adult patients in the MIIS; baseline was “0”
- 78% of community health centers using adult immunization standing orders to ensure health care quality; up from 67%
- 75% of community health centers using medical records to alert providers of immunizations due; up from 54%

Through working with MIIS, community health centers were able to easily track and monitor immunizations administered, and develop strategies to improve their services. Listed below are the immunization rates from four health centers identified at baseline in 2011 and in 2013.

<table>
<thead>
<tr>
<th>Vaccine</th>
<th>2011</th>
<th>2013</th>
</tr>
</thead>
<tbody>
<tr>
<td>HPV – females 3 doses, 18-26 y/0</td>
<td>15%</td>
<td>32%</td>
</tr>
<tr>
<td>HPV – males 3 doses, 18-26 y/0</td>
<td>0%</td>
<td>3%</td>
</tr>
<tr>
<td>Influenza, 18+ y/o**</td>
<td>25%</td>
<td>32%</td>
</tr>
<tr>
<td>PPSV23, 65+ y/o</td>
<td>44%</td>
<td>48%</td>
</tr>
<tr>
<td>Tdap, 18+ y/o</td>
<td>15%</td>
<td>32%</td>
</tr>
<tr>
<td>Zoster, 60+ y/o</td>
<td>4%</td>
<td>14%</td>
</tr>
</tbody>
</table>

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Massachusetts Department of Public Health and Community Health Centers
A Win-Win Partnership to Improve Adult Immunization

Vaccinating Adults in Community Health Centers
A Building Block for Healthy Communities

Source:
https://communityhealth.adobeconnect.com/plt5xwxtb4z

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This “What Works” vignette is one in a series of examples collected by the Provider Workgroup of the National Adult and Influenza Immunization Summit. For more information or to nominate an example of “what works” to improve adult immunization, go to http://www.izsummitpartners.org/. This vignette does not constitute an endorsement from any of the organizations that participate in the Provider Workgroup or the NAIIS.