Practice Advancement Initiative Progress

CARE TEAM INTEGRATION

- Of hospitals have pharmacists who have taken a leadership role in an antimicrobial stewardship program
- Of hospitals have collaborative practice agreements between pharmacists and other healthcare providers
- Of pharmacy departments evaluated ways to improve the organization’s effectiveness as an accountable care organization (ACO)

- Of hospitals have processes to ensure medication-related continuity of care
- Of pharmacists in ambulatory settings follow a standardized patient care process

**Average of ALL data 2011–2017**

Illustrations courtesy of Freepik
### Leveraging Pharmacy Technicians

<table>
<thead>
<tr>
<th>Year</th>
<th>Percentage</th>
<th>Average**</th>
</tr>
</thead>
<tbody>
<tr>
<td>2017</td>
<td>70%</td>
<td>61%</td>
</tr>
<tr>
<td></td>
<td>Of ambulatory care systems utilize pharmacy technicians or other supportive personnel to support pharmacist patient care services</td>
<td></td>
</tr>
<tr>
<td>2017</td>
<td>76%</td>
<td>68%</td>
</tr>
<tr>
<td></td>
<td>Of hospitals have all distributive functions that do not require a pharmacist’s clinical judgment assigned to pharmacy technicians</td>
<td></td>
</tr>
<tr>
<td>2017</td>
<td>78%</td>
<td>67%</td>
</tr>
<tr>
<td></td>
<td>Of medication preparation and distribution tasks are fully assigned to pharmacy technicians</td>
<td></td>
</tr>
</tbody>
</table>

### Credentialing and Training

<table>
<thead>
<tr>
<th>Year</th>
<th>Percentage</th>
<th>Average**</th>
</tr>
</thead>
<tbody>
<tr>
<td>2017</td>
<td>49%</td>
<td>51%</td>
</tr>
<tr>
<td></td>
<td>Of pharmacists who provide patient care services in ambulatory settings are included in organization-based credentialing and privileging processes</td>
<td></td>
</tr>
<tr>
<td>2017</td>
<td>82%</td>
<td>77%</td>
</tr>
<tr>
<td></td>
<td>Of hospitals have pharmacy technicians certified by the Pharmacy Technician Certification Board (PTCB)</td>
<td></td>
</tr>
<tr>
<td>2017</td>
<td>45%</td>
<td>36%</td>
</tr>
<tr>
<td></td>
<td>Of hospitals offer residency training compared to 30% in 2011</td>
<td></td>
</tr>
</tbody>
</table>

**Average of ALL data 2011–2017**

Illustrations courtesy of Freepik
### Automation and Technology

<table>
<thead>
<tr>
<th>Year</th>
<th>%</th>
<th>Average**</th>
</tr>
</thead>
<tbody>
<tr>
<td>2017</td>
<td>94%</td>
<td>72%</td>
</tr>
<tr>
<td>2017</td>
<td>83%</td>
<td>65%</td>
</tr>
<tr>
<td>2017</td>
<td>52%</td>
<td>38%</td>
</tr>
</tbody>
</table>

- Of hospitals have barcode medication administration compared to 15% in 2011
- Of hospitals use barcode technology during the inventory process
- Of hospitals have pharmacist interventions automatically captured through the information system

### Leadership in Medication Use

<table>
<thead>
<tr>
<th>Year</th>
<th>%</th>
<th>Average**</th>
</tr>
</thead>
<tbody>
<tr>
<td>2017</td>
<td>70%</td>
<td>79%</td>
</tr>
<tr>
<td>2017</td>
<td>80%</td>
<td>82%</td>
</tr>
<tr>
<td>2017</td>
<td>75%</td>
<td>73%</td>
</tr>
</tbody>
</table>

- Of hospitals developed a strategic plan for implementing automation and technology designed to improve the safety and efficiency of medication use
- Of pharmacy leaders engage in regular, direct communications with hospital administration and the board of directors about medication management systems performance
- Of ambulatory care practitioners participate in initiatives aimed at medication safety, quality, and cost evaluation

**Average of ALL data 2011–2017**

Illustrations courtesy of Freepik