CONSTRUCTION BUDGETS

Percentage of hospital’s 2011 capital budget that is allocated to facility infrastructure projects (average)

Change in percentage of the hospital’s current capital budget allocated to facility infrastructure projects from previous year

2011 from 2010
- Increase by more than 25% ... 5%
- Increase by 16% to 25% .... 7%
- Increase by 11% to 15% ... 6%
- Increase by 6% to 10% .... 5%
- Increase by 1% to 5% .... 8%
- No change ............... 5%
- Decrease by 1% to 5% ..... 5%
- Decrease by 6% to 10% .... 2%
- Decrease by 11% to 15% ... 1%
- Decrease by 16% to 25% ... 7%
- Decrease by more than 25% ... 49%

2007 from 2006
- Increase by more than 25% ... 7%
- Increase by 16% to 25% ... 5%
- Increase by 11% to 15% ... 8%
- Increase by 6% to 10% ... 16%
- Increase by 1% to 5% ... 15%
- No change ............... 35%
- Decrease by 1% to 5% ... 3%
- Decrease by 6% to 10% ... 4%
- Decrease by 11% to 15% ... 1%
- Decrease by 16% to 25% ... 1%
- Decrease by more than 25% ... 5%

How organizations are financing construction projects

| Source: HEALTH FACILITIES MANAGEMENT/ASHE 2011 CONSTRUCTION SURVEY |
### PATIENT ROOM DESIGN

**Features being incorporated into patient room design for SAFETY**

- Wireless technologies for staff: 51%
- Computerized provider order entry (CPOE): 41%
- In-room sink (separate from the patient bathroom): 36%
- Patient lifts for transfer (e.g., bedside, toilet): 36%
- Bar coding for medication administration: 34%

**Features being incorporated into patient room design for COMFORT**

- Wireless technologies for patients: 38%
- Individual room temperature control: 38%
- Larger room size for single patient room (200 square feet or more): 34%
- Patient entertainment and education system: 33%
- In-room family areas: 32%

### FACILITY DESIGN

**Features being incorporated into the hospital’s physical design to improve patient safety and quality**

- Multiple locations for hand washing or hand sanitizing: 47%
- Decentralized nurses’ stations: 30%
- Added air treatment/air movement capacity: 30%
- Additional airborne-infection isolation and protective-environment rooms: 29%
- Use of noise-reducing construction materials: 29%
- Multifunctional lighting systems: 22%
- Emergency preparedness spaces (for surge capacity): 19%
- Acuity-adaptable space (i.e., universal patient rooms): 17%
- More quiet, private spaces to fill prescriptions: 16%
- Electronic hand-hygiene monitoring system: 5%

### Future FACILITY DEVELOPMENT PLANS/CONSTRUCTION PROJECTS

**being considered in response to health care reform legislation**

- New medical office building construction: 15%
- Outpatient facilities in neighborhood settings: 14%
- Satellite facilities to cater to specialties: 13%
- Urgent care centers in neighborhood settings: 11%
- Ambulatory surgery centers: 10%
- Medical office building expansion: 10%
- Satellite facilities to cater to an aging population that wants access to routine health care close to home: 6%

**SOURCE:** HEALTH FACILITIES MANAGEMENT/ASHE 2011 CONSTRUCTION SURVEY
### BUILDING SERVICES EQUIPMENT: TOP REASONS FOR REPLACEMENT OR UPGRADE

<table>
<thead>
<tr>
<th>Reason</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Old equipment that needs to be replaced</td>
<td><strong>61%</strong></td>
</tr>
<tr>
<td>More efficient equipment will result in cost savings</td>
<td><strong>40%</strong></td>
</tr>
<tr>
<td>New requirements (e.g., increased capacity, redesign of rooms, compliance with standards and regulations)</td>
<td><strong>32%</strong></td>
</tr>
<tr>
<td>New location/space added for future growth</td>
<td><strong>19%</strong></td>
</tr>
<tr>
<td>Equipment malfunctions (poor equipment performance)</td>
<td><strong>15%</strong></td>
</tr>
<tr>
<td>Technological advances</td>
<td><strong>14%</strong></td>
</tr>
<tr>
<td>Financing/funds are available</td>
<td><strong>13%</strong></td>
</tr>
<tr>
<td>Equipment malfunctions (excessive load)</td>
<td><strong>9%</strong></td>
</tr>
</tbody>
</table>

**SOURCE:** HEALTH FACILITIES MANAGEMENT/ASHE 2011 CONSTRUCTION SURVEY

### BUILDING SERVICES SYSTEMS: TOP REASONS FOR REPLACEMENT OR UPGRADE

<table>
<thead>
<tr>
<th>Reason</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Old equipment that needs to be replaced</td>
<td><strong>51%</strong></td>
</tr>
<tr>
<td>Technological advances</td>
<td><strong>30%</strong></td>
</tr>
<tr>
<td>New requirements (e.g., increased capacity, redesign of rooms, compliance with standards and regulations)</td>
<td><strong>28%</strong></td>
</tr>
<tr>
<td>Meet IT infrastructure needs for regulations on meaningful use of electronic health records</td>
<td><strong>26%</strong></td>
</tr>
<tr>
<td>More efficient equipment will result in cost savings</td>
<td><strong>23%</strong></td>
</tr>
<tr>
<td>New location/space added for future growth</td>
<td><strong>19%</strong></td>
</tr>
<tr>
<td>Equipment malfunctions (poor equipment performance)</td>
<td><strong>16%</strong></td>
</tr>
<tr>
<td>Financing/funds are available</td>
<td><strong>12%</strong></td>
</tr>
<tr>
<td>Equipment malfunctions (excessive load)</td>
<td><strong>8%</strong></td>
</tr>
</tbody>
</table>

**SOURCE:** HEALTH FACILITIES MANAGEMENT/ASHE 2011 CONSTRUCTION SURVEY