Testing Plan to Combat COVID-19

Guiding Principles

• All persons with COVID symptoms can receive a test upon recommendation from their provider
• Persons with symptoms can receive a test without charge
• Testing plan will evolve as antibody and community-based testing becomes available (eg., pharmacies and small clinics)
Testing Plan to Combat COVID-19

3 Tiers

1. Develop diversified testing capabilities in public health and clinical labs; advocate for supplies; includes PCR and antibody testing

2. Support smaller facilities with Abbott ID Now instruments; leverage commercial laboratories to fill unmet needs or gaps

3. Support mass testing events that target at-risk, vulnerable populations including use of public health mobile laboratory

*Capacity= 3000/day now to 5000/day
Testing Plan to Combat COVID-19

Current Capability:

- 108 Instruments
- 40 Communities
Monthly Testing Capacity Per 1000 People

Source: Based on data provided to HHS from select diagnostics companies
Projected Peak Hospitalizations with No Containment or Social Distancing
Projected Peak Hospitalizations Based on Current Action/Strategy
Apr 15 Projected Peak Hospitalizations Based on Current Action/Strategy
Apr 28 Projected Peak Hospitalizations Based on Current Action/Strategy

Release Date: April 28, 2020
# Updated Projections for South Dakota

<table>
<thead>
<tr>
<th></th>
<th>Original Peak Need</th>
<th>Updated* Peak Need</th>
<th>Assumption Updates</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hospital Beds</td>
<td>5,000</td>
<td>2,500</td>
<td>Reduced rate from 5% down to 2.5%</td>
</tr>
<tr>
<td>Hospital Length of Stay</td>
<td>2,500</td>
<td>2,200</td>
<td>Reduced stay from 7 days down to 6 days</td>
</tr>
<tr>
<td>Ventilator need</td>
<td>1,300</td>
<td>600</td>
<td>Reduced ventilator needed</td>
</tr>
</tbody>
</table>

- As additional information is learned from other states, we are modifying the assumptions in our models.

* Based on Current Mitigation Measures

Update Date: April 15 & 28, 2020