

# 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)

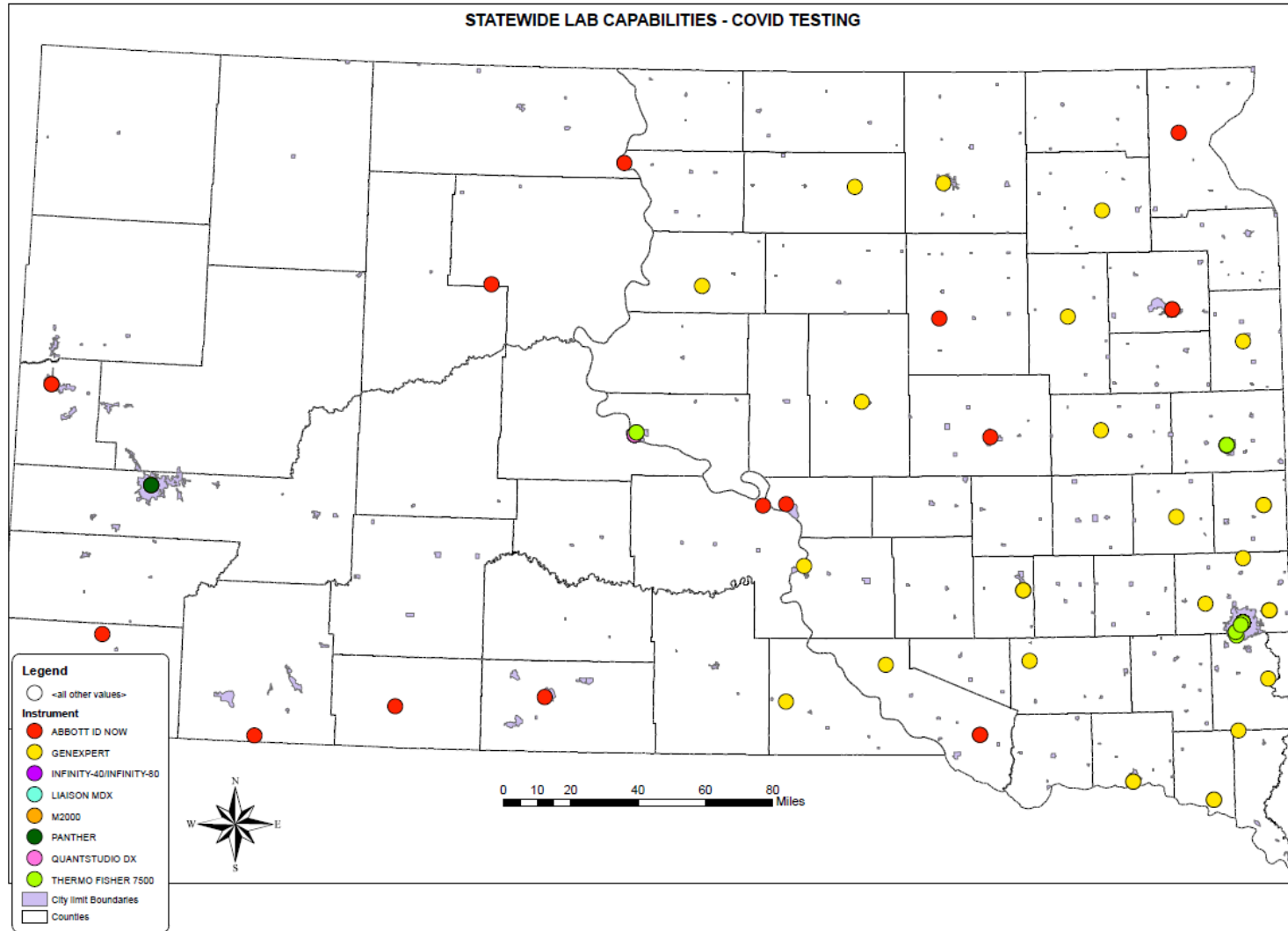
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## 3 Tiers

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

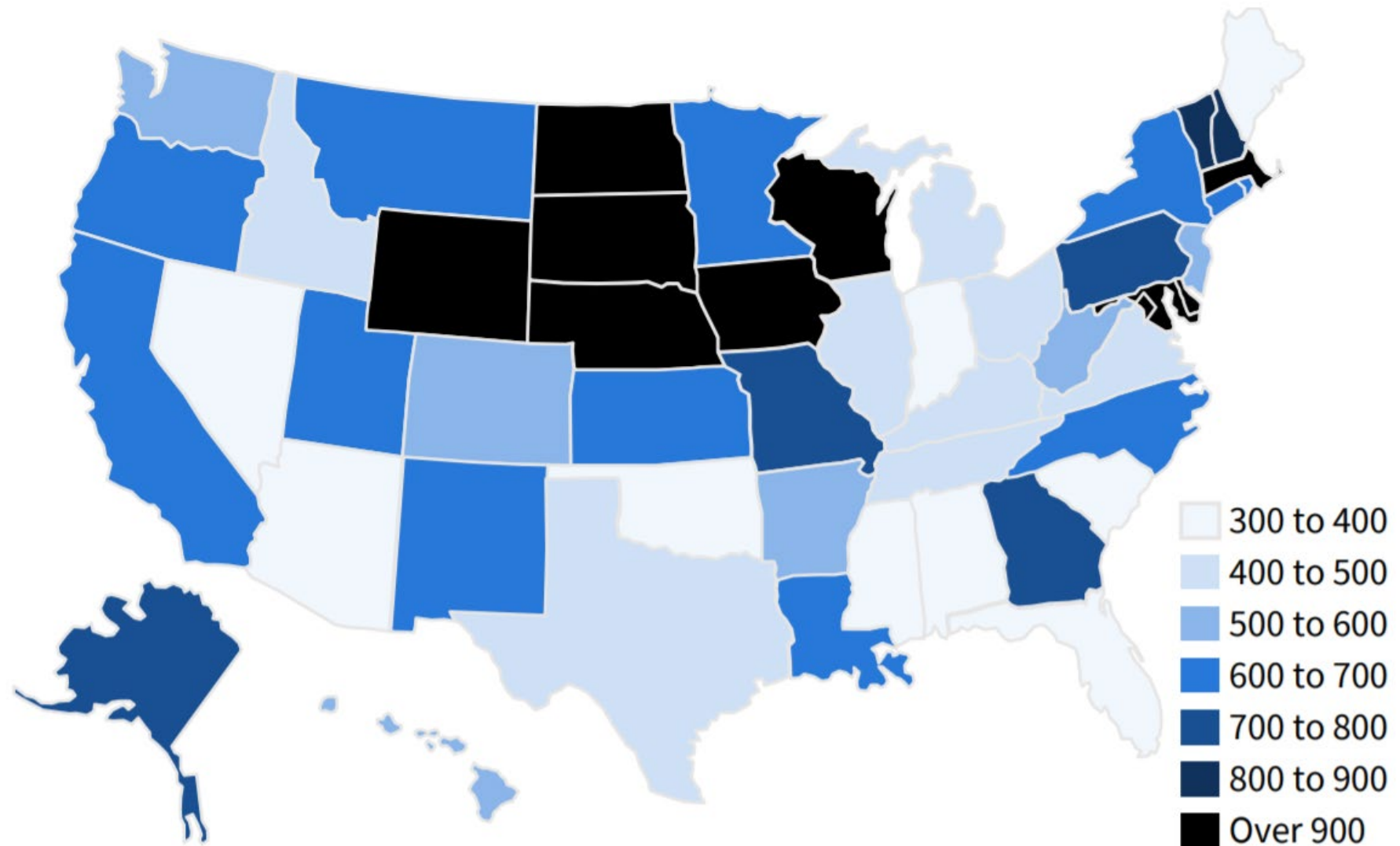
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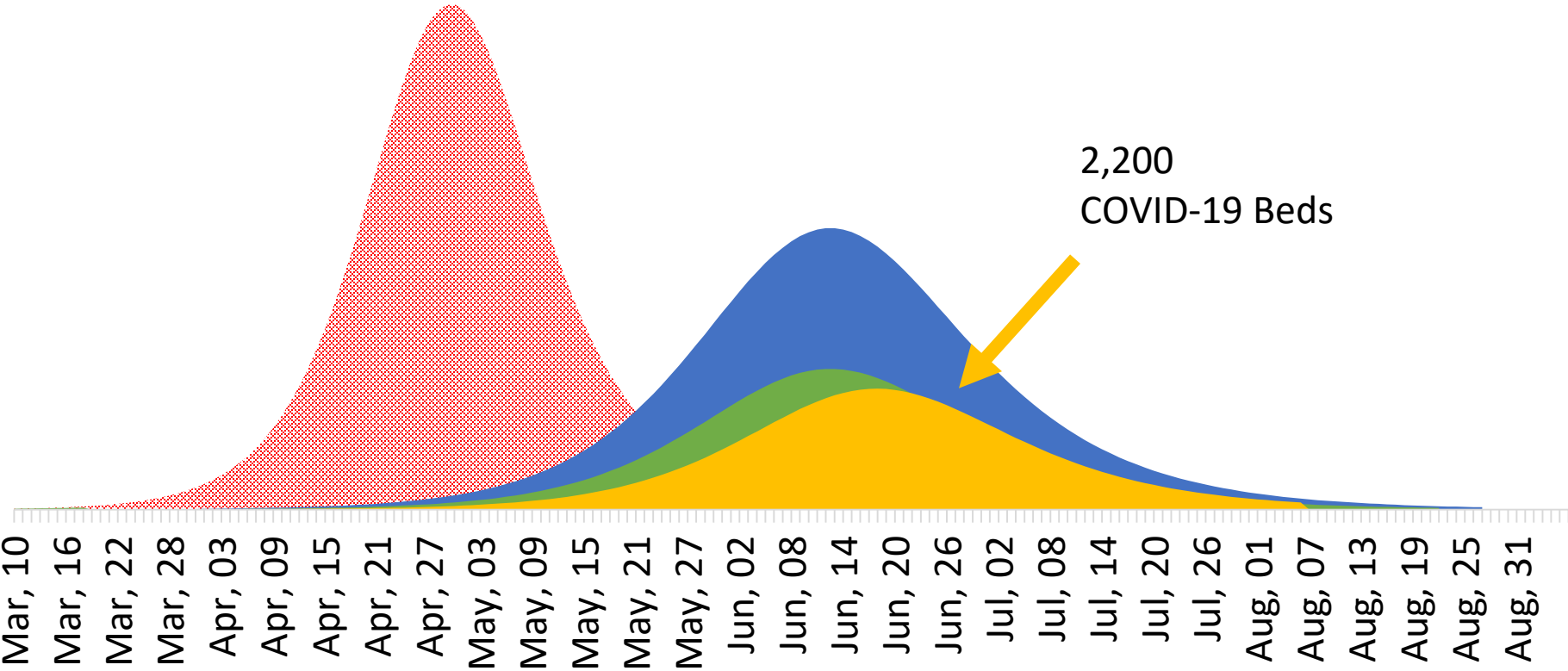
Current Capability:

- 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

# Updated Projections for South Dakota

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

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

\* Based on Current Mitigation Measures