



# Hawaii COVID-19 Lines of Effort

15 April 2020



The novel coronavirus (known as COVID-19) is a highly infectious disease that has spread rapidly around the world. Very little is known about the virus which has made containment a larger challenge. There is no vaccine, there is no known cure, and care has focused on treating symptoms.

Because COVID-19 is new, when the epidemic started in Wuhan in Hubei Province, China, there was no diagnostic test. A Polymerase Chain Reaction (PCR) test was developed to accurately diagnose whether a patient has COVID-19 at the time a sample is taken.

**Current**

Characterized by difficulty to accurately identify the virus, limited enforcement of social distancing, quarantine, isolation orders, and sporadic coordinated messaging in support of operations. Additionally, a lack of future plans creates a late response to areas such as cyber threats, and supply chain.

**Lines of Effort (LOE)**

**#1 Prevent and Protect**

Tiered response from individual to state-wide escalation. Detect & predict disease when and where it happens to achieve timely and accurate state situational awareness of the evolving disease and the impact on critical sectors, inform policy and operational decisions. Stop disease before it spreads.

**#2 Medical Response**

Coordinate and provide guidance on staff safety, monitoring, and resource management guidance on Essential Elements of Information (EIs) reporting; guidance on alternative mechanisms for delivery of care. Develop recommendations for public health jurisdictions to manage cases and their contacts. Disseminate clinical guidance to HCP regarding patient treatment and management. Disseminate infection control guidance for HCWs. Support health care system to manage medical surge. Deploy resources to affected area to support State and Local Government

**#3 Information & Public Outreach**

Provide timely, accurate, clear, consistent, credible, and actionable information for safety and health messages that protect the public and facilitate management of outbreak response at all state and local levels of government.

**#4 Supply Chain Management**

Prepare for and address critical supply chain vulnerabilities and shortages identify and implement mitigation strategies to resolve/mitigate shortfalls. If needed, request for medical countermeasures and supplies from Federal Strategic National Stockpiles including medications, ventilators, and respiratory protection devices as well as seek alternative sources for other critical items.

**Objectives**

Threat of COVID-19 epidemic transmission minimized and risk to public health no longer evident.

Treated those most fragile to COVID-19 while preserving and protecting health system capacity to treat all acute conditions.

State messaging unified across the full range of media. Public information readily available for implementation.

Supply chain stabilized and resilient to meet future requirements.

**Normal-State Operations**

## COVID-19 State Response Condition Alert Level (Draft)

	Level 1 (NO DISRUPTION)	Level 2 (MINOR DISRUPTION)	Level 3 (MODERATE DISRUPTION)	Level 4 (MAJOR DISRUPTION)
<b>Situation/Condition</b>	Disease is occurring outside of Hawaii AND healthcare facilities capable of handling expected cases.	Disease is being brought to Hawaii by travelers with limited or no community spread AND healthcare facilities capable of handling expected cases.	Disease is being spread by both travelers and local community across the islands AND healthcare facilities beginning to implement crisis operations.	Disease is severely spread throughout the islands AND healthcare facilities are fully implementing crisis operations.
<b>Impact on Daily Life</b>	No Disruption	Minor Disruption	Moderate Disruption	Major Disruption
<b>Potential State Response(s)</b>	<ul style="list-style-type: none"> <li>• Travel Advisories</li> <li>• Port of Entry Screening</li> <li>• Testing of Symptomatic Individuals</li> <li>• PPE required for Healthcare Workers and Care Providers when managing a COVID-19 Patient or other patients with respiratory illness</li> </ul>	<ul style="list-style-type: none"> <li>• Additional measures at border and/or healthcare settings</li> <li>• Voluntary Isolation/ Quarantine of sick &amp; those who have interacted with sick</li> <li>• Testing of All Individuals (Priority-Symptomatic / High Risk)</li> </ul>	<ul style="list-style-type: none"> <li>• Closure of school, childcare facilities, public areas / buildings</li> <li>• Restaurants Take Out Only</li> <li>• Large gatherings restriction</li> <li>• Work Restrictions</li> <li>• Stay at Home, Work from Home Order</li> <li>• Mandatory Airport 14x Day Quarantine</li> <li>• Face Mask Required for Service Industries</li> <li>• Involuntary Isolation / Quarantine of sick &amp; those who have interacted with sick/ Close Contact Individuals</li> </ul>	<ul style="list-style-type: none"> <li>• Point/Area/Island Mandatory Isolation Orders</li> <li>• Mandatory State Controlled Quarantine (All Travelers)</li> <li>• Face Mask Required to leave residence</li> <li>• Increased rolling traffic control points</li> <li>• Increased work restrictions (reduced amount of exemptions)</li> <li>• State/ Country Controlled Isolation/ Quarantine of COVID-19 Positives</li> </ul>
<b>Public Response</b>	<ul style="list-style-type: none"> <li>• Be socially responsible: if you are sick, stay at home</li> <li>• Maintain good personal hygiene</li> <li>• Frequently Disinfect Surfaces</li> <li>• Look out for health advisories</li> <li>• Frequently Disinfect Surfaces</li> </ul>	<ul style="list-style-type: none"> <li>• Be socially responsible: if you are sick, stay at home</li> <li>• Maintain good personal hygiene</li> <li>• Look out for health advisories</li> <li>• Frequently Disinfect Surfaces</li> <li>• Practice social distancing (&gt; 6ft), avoid crowded areas</li> <li>• Wear Face Mask if you are sick</li> </ul>	<ul style="list-style-type: none"> <li>• Maintain good personal hygiene</li> <li>• Look out for health advisories</li> <li>• Comply with control measures</li> <li>• Mandatory social distancing (&gt; 6ft)</li> <li>• Wear Face Mask if you are sick</li> <li>• Stay at home, limit outside exposure</li> </ul>	<ul style="list-style-type: none"> <li>• Maintain good personal hygiene</li> <li>• Look out for health advisories</li> <li>• Comply with control measures</li> <li>• Mandatory social distancing (&gt;6ft), avoid crowded areas</li> <li>• Wear Face Mask to leave residence</li> <li>• Stay at home, Only leave home for Emergencies/ Substinence (Food/Medication)</li> </ul>



## Incident Commander's Reporting Requirements (ICRR):

1. When and where are the **COVID-19 clusters** developing?
2. When and where will the rate of new **COVID-19 cases decrease** (<3 clusters) over a 24-hour period?
3. When and where do we anticipate a **simultaneous catastrophe** (man-made or natural) in Hawaii?
4. When and where do we anticipate a **cyber threat** to the SEOC or county?
5. Where and when will **terroristic attacks** occur in Hawaii?
6. When will a **vaccine or medical counter-measure** become available for Hawaii?
7. When and where will any **civil disturbance** occur in Hawaii?
8. When will the **mode of transmission** of COVID-19 change?
9. When and where will demand/usage for **ventilators exceed >50%** medical capacity?
10. When and where will demand for **ICU occupancy exceed >60%** medical facility capacity?
11. When and where will demand for **PPE for essential personnel exceed >80%** on-hand quantities?
12. When and which **CIKR will be degraded below 50%** operational capacity?
13. When will Hawaii's **supply chain capacity fall below 60%** operational capacity?
14. When will **LEA reach 90% operational capacity** with additional COVID-19 security tasks?
15. When and where will a **Skilled Nursing Facility (SNF)** require cohorting/isolation?
16. When and where will **capacity for medical personnel reach >80%** post-surge?

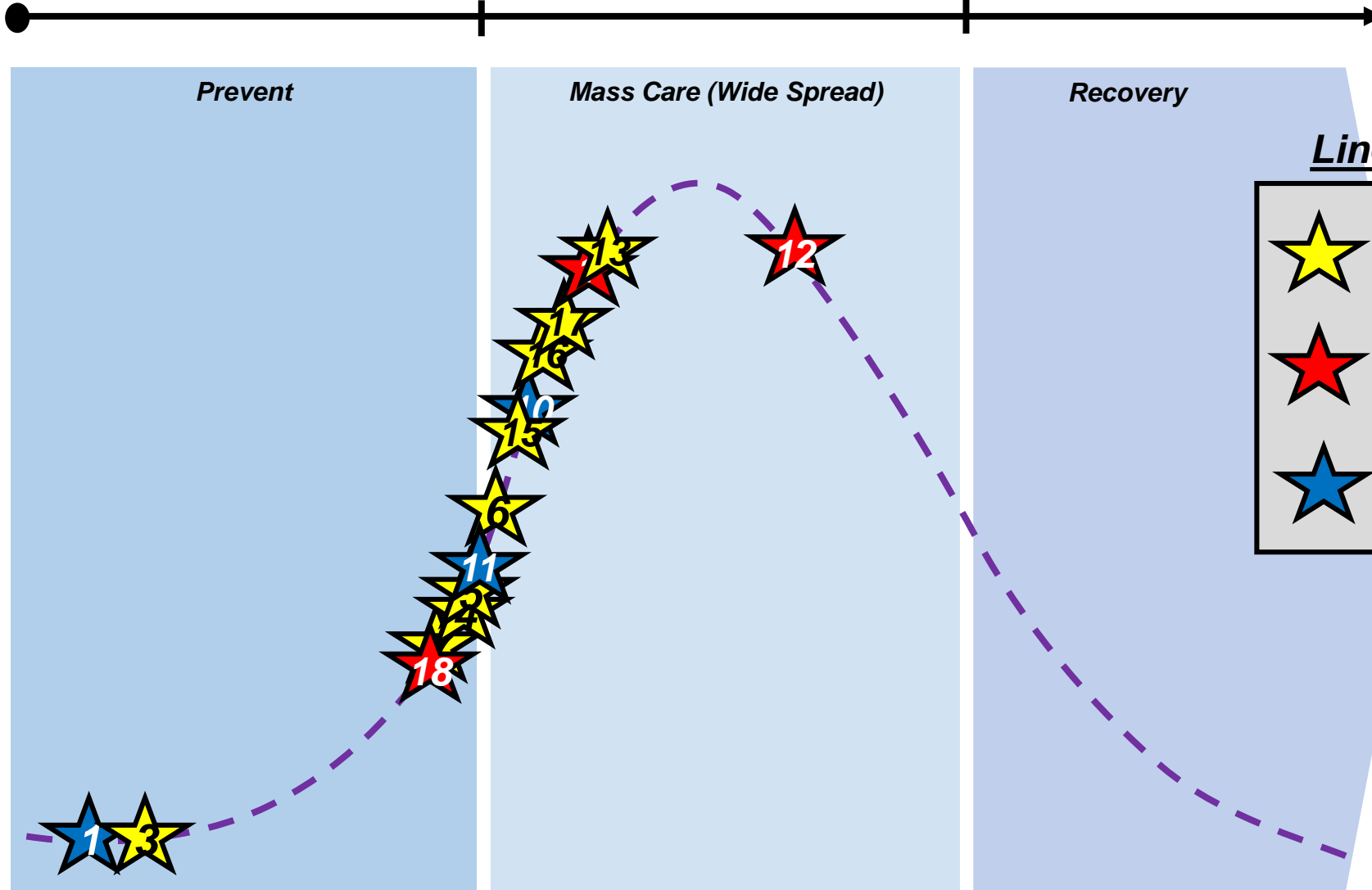
# Decision Support Template

## Operational Phases

### Key

★	Description
1	Alt. care facilities
3	Funds approval PPE
4	Point Isolation
5	Area-wide Isolation
6	LE Support
7	DSC & JTF-50
9	Continuity Plan
10	Alt. supply chain
11	Goods POD
12	Medical POD
13	Extend SAH
15	Strict SAH
16	Travel Quarantine
17	Public FHP Measure
18	Surge Medical

### Timeline



### Lines of Effort

★	<b>#1 Prevent and Protect</b>
★	<b>#2 Medical Response</b>
★	<b>#4 Supply Chain Management</b>



# Comments/Questions