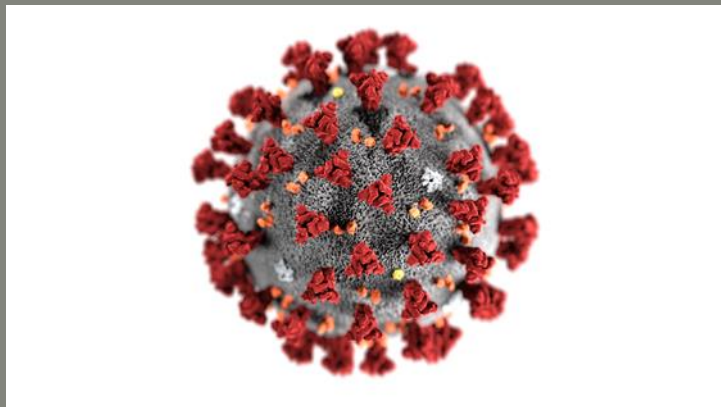


COVID-19:
UPDATES,
STATUS,
LOOKING AHEAD



KAUAI COMMUNITY COLLEGE
“COMEBACK COMMITTEE”

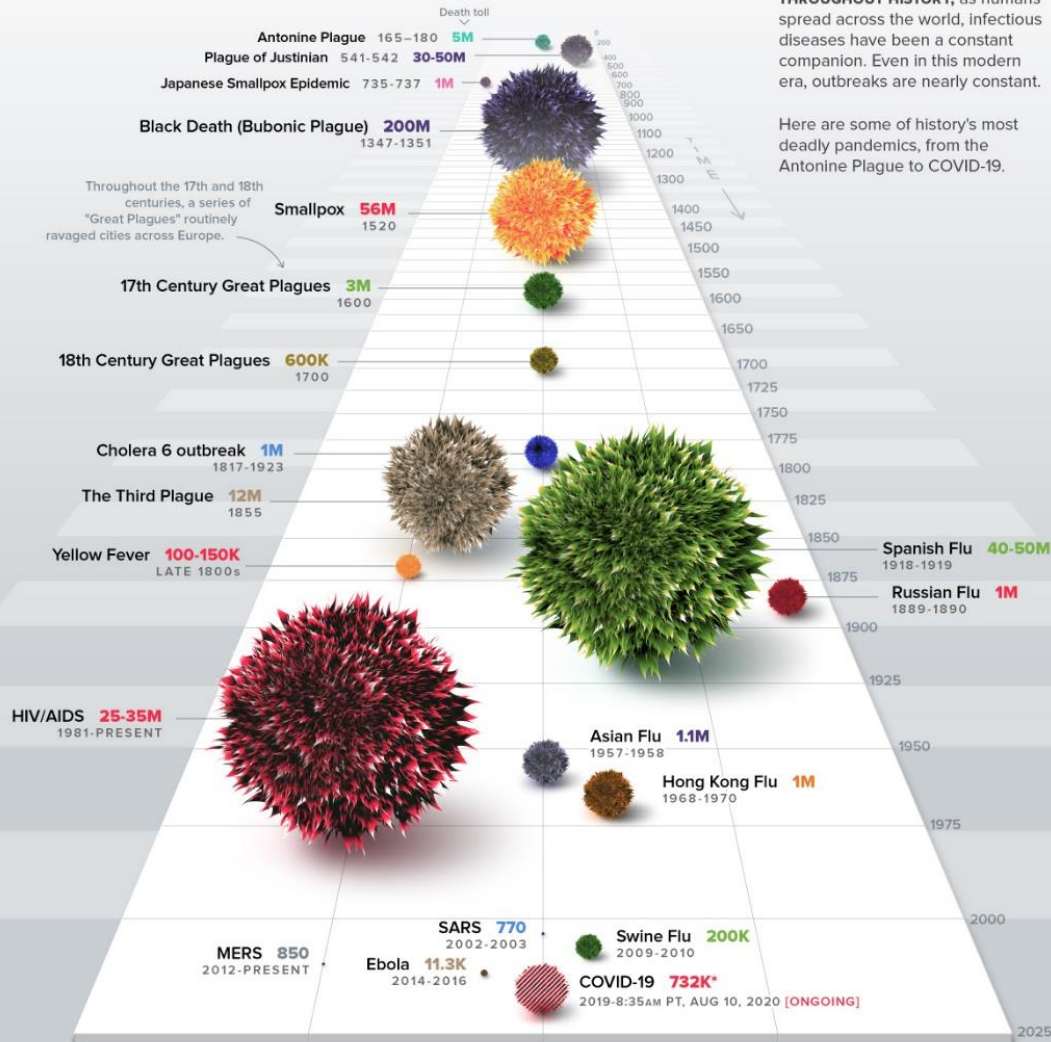
AUGUST 17, 2020

JANET M. BERREMAN, MD, MPH

KAUAI DISTRICT HEALTH OFFICER,
DEPARTMENT OF HEALTH

HISTORY OF PANDEMICS

PAN-DEM-IC (of a disease) prevalent over a whole country or the world.



THROUGHOUT HISTORY, as humans spread across the world, infectious diseases have been a constant companion. Even in this modern era, outbreaks are nearly constant.

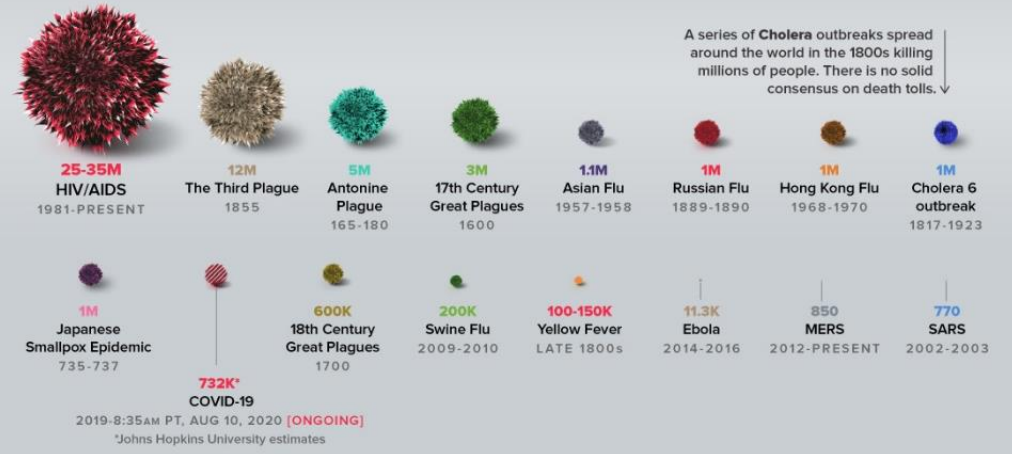
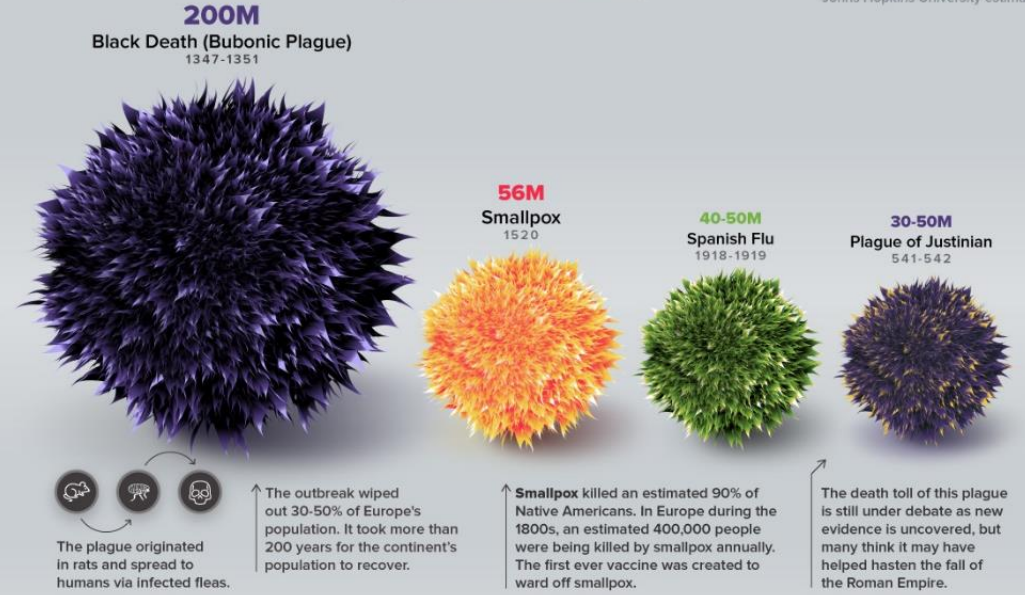
Here are some of history's most deadly pandemics, from the Antonine Plague to COVID-19.

WHO officially declared COVID-19 a pandemic on Mar 11, 2020.

DEATH TOLL [HIGHEST TO LOWEST]

It is hard to calculate an exact death toll for COVID-19 because the impact of COVID-19 is new to medicine, and data is still coming in.

*Johns Hopkins University estimates



Sources: CDC, WHO, BBC, Wikipedia, Historical records, Encyclopedia Britannica, Johns Hopkins University

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A Wicked Problem (Brookings Institute)

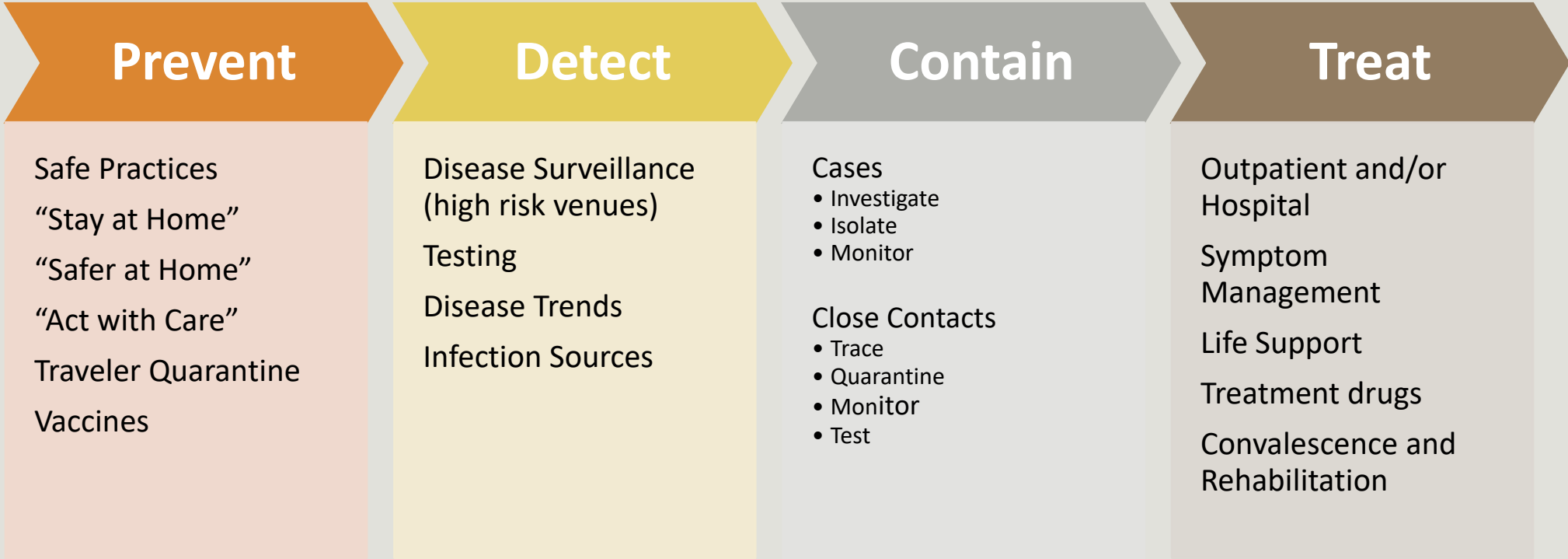
The COVID-19 pandemic is what planning experts call a “wicked problem” — one that is difficult to solve because of radically incomplete information, rapidly changing requirements and multiple, sometimes contradictory objectives coupled with interdependent social complexities.

No one wants to contract COVID-19, but many want to get back to work and resume a more normal existence. Still, most people understand that the new normal will be different, and our leaders should not pretend otherwise.

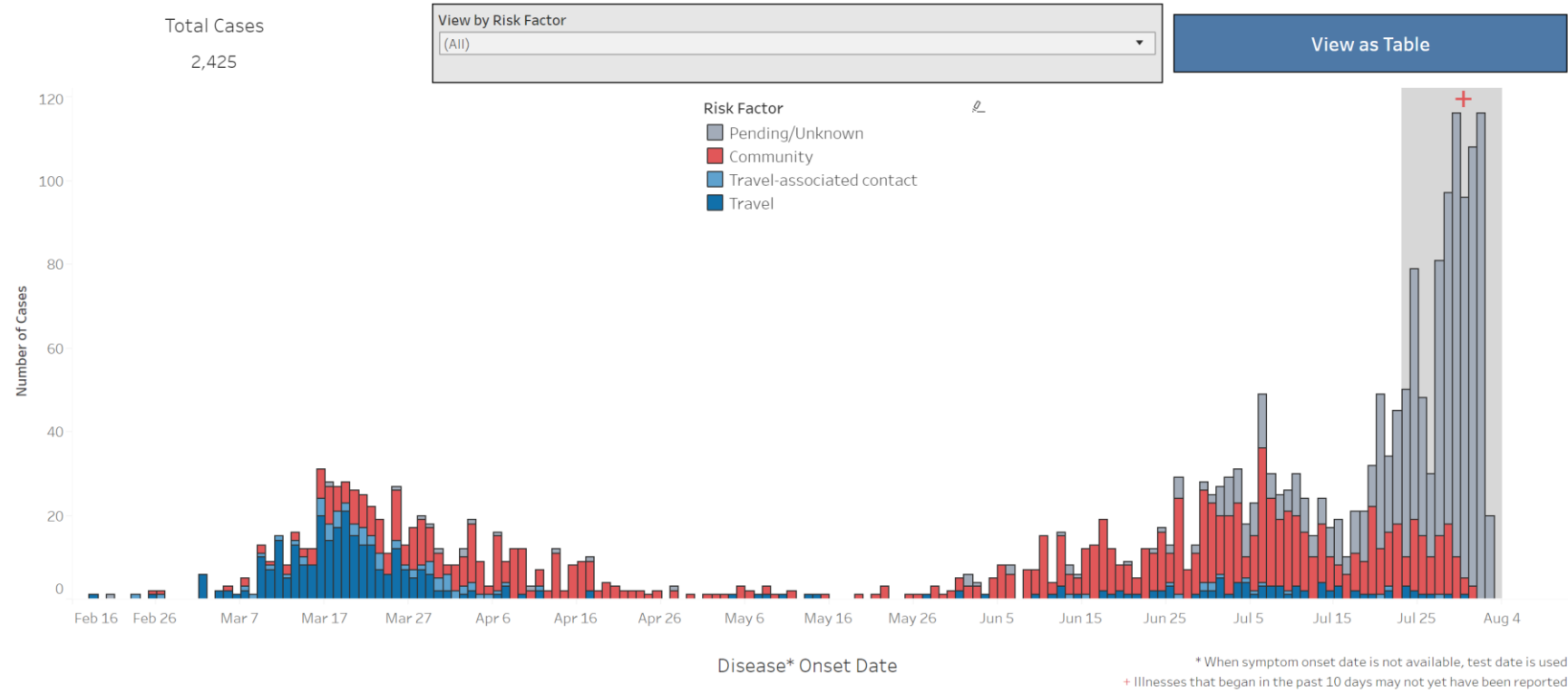
Leadership requires leveling with the people about the uncertainties and trade-offs we face.

With breathtaking speed, the COVID-19 pandemic has triggered a national emergency on a scale that dwarfs 9/11 and the financial crisis of 2008–09. The rise in unemployment during the month of April wiped out a decade of job growth, and the death toll from the disease has surged toward 100,000 with no end in sight. **The need for effective leadership at every level has never been greater, and the margin for error has rarely been lower.**

Pandemic Control Actions



COVID-19 Epidemic Curve, Hawaii 2020 (Updated Aug 3, 2020)



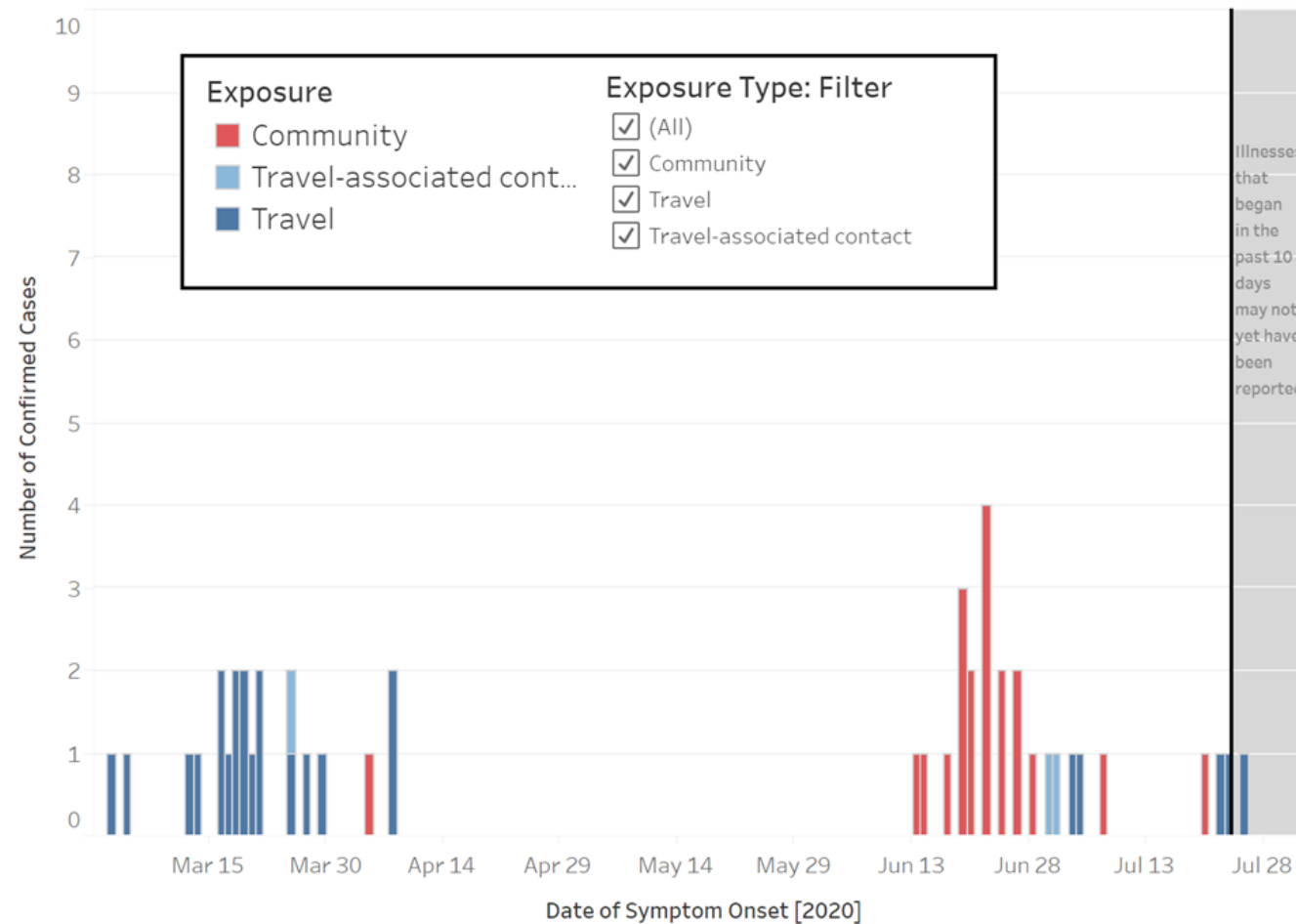
State Epi Curve

August 3, 2020

Kauai COVID-19 Epi Curve

Confirmed COVID-19 Cases by Exposure, Kauai 2020 (N=47)

Data as of August 3rd, 2020. All cases to date may not be included because of missing or pending data.



Kauai Epi Curve

August 3, 2020



The exact moment
Douglas got word of
Kaua`i's quarantine rules

10 MPH 25 50 60 65+

Wind Speed

Past Future

10:12 AM

Safe Practices

State Department of Health Reopening Hawai'i: Safe Practices



Hand hygiene

Hand washing and/or 60% hand sanitizer facilities available in work and public settings for use by employees and the public



Home if ill

Stay home if ill (except to seek care—call first)



Face covering

Cloth face coverings to be worn at all times by employees and the public when outside the home and around others who are not members of the same household



Surface cleaning

Regular cleaning/disinfection of surfaces and objects touched by the public and employees



Physical distance

Maintain 6 feet distance between ALL individuals to the fullest extent possible



Protect high risk

Limited in-person visits to nursing homes, hospitals, congregate facilities. Those at higher risk for severe illness advised to minimize time and activities outside the household



Isolation

Isolation of cases either in home or in facility, under DOH monitoring & direction



Quarantine

Quarantine of contacts of cases either in home or facility, under DOH monitoring & direction

- Everyone
- Everywhere
- Every day

The following guidelines serve as a baseline for safe practices. Industry-specific higher standards of safety and protection, such as those issued by OSHA, NIOSH, CDC, and Industry organizations, shall be observed as well. These guidelines apply to public-facing workplaces as well as to break rooms, mealtimes, and employee locker rooms.

Practical Metrics to Support...



Data driven decision-making



Evaluating & monitoring policy impacts



Public confidence/understanding



Effective leadership and action

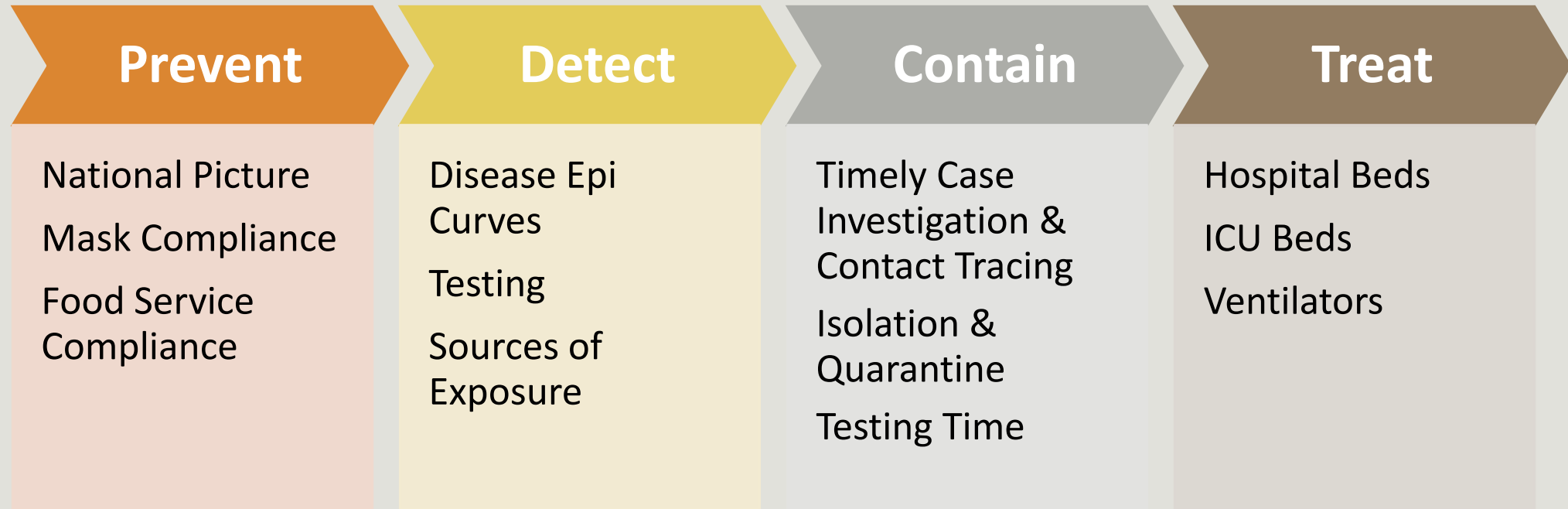


“Common Operating Picture”



Efficient use of resources—collect what’s useful and use what is collected

Decision-Making Metrics



Putting Data into Practice

**Decision-
making**

**Impact
assessment**

**A “Wicked
Problem”**

Mahalo...Questions?

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