



GOVERNOR  
JARED POLIS

#DoingMyPartCO

## OUR GOALS



**KNOCK THE RO TO BELOW 1**



**BUILD HEALTHCARE CAPACITY TO TREAT  
THOSE THAT ARE SICK AND SAVE LIVES**



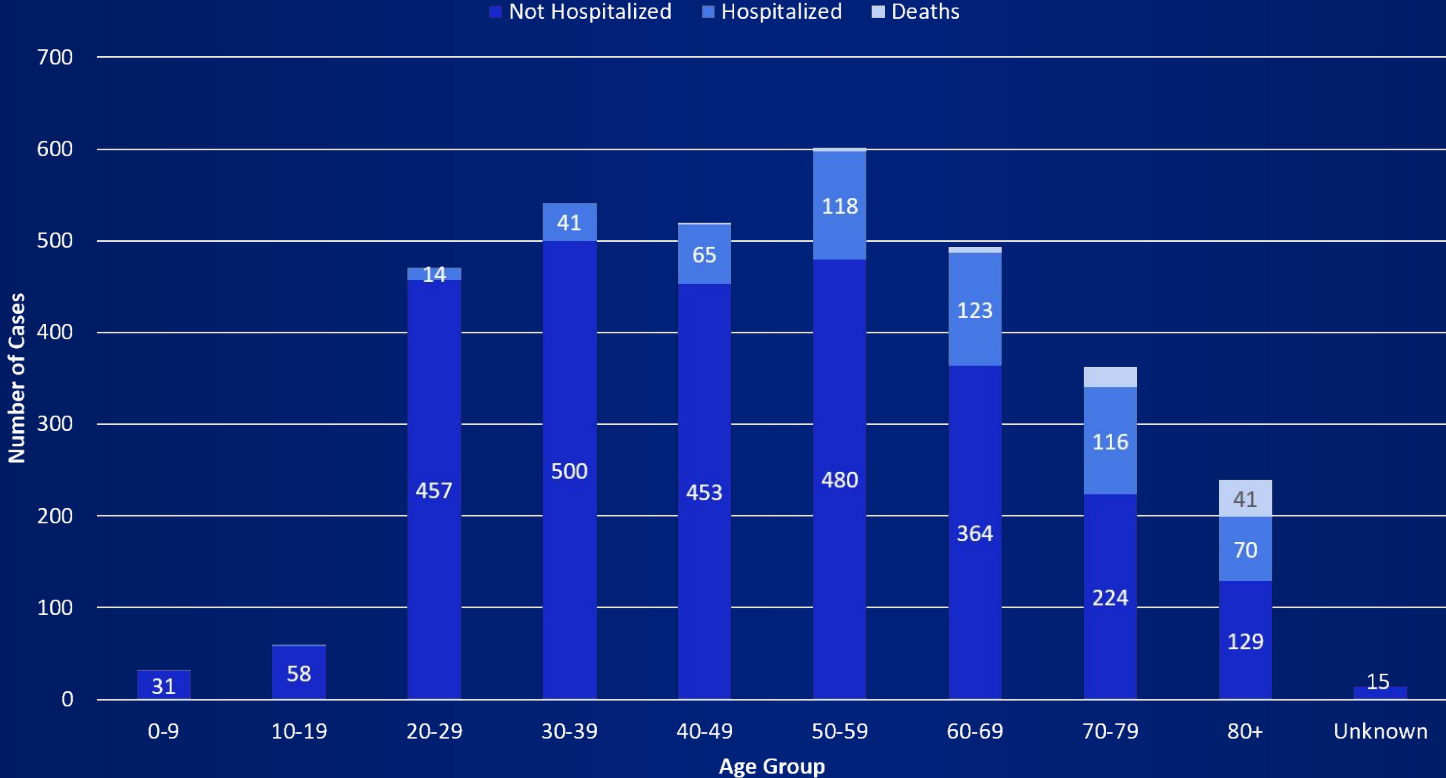
**HAVE IN PLACE MASS TESTING AND CONTAINMENT PROGRAM TO  
EFFECTIVELY CONTAIN THE VIRUS AND RETURN TO NORMALCY**

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# CO CASES OF COVID-19 BY AGE GROUP, HOSPITALIZATION AND OUTCOME

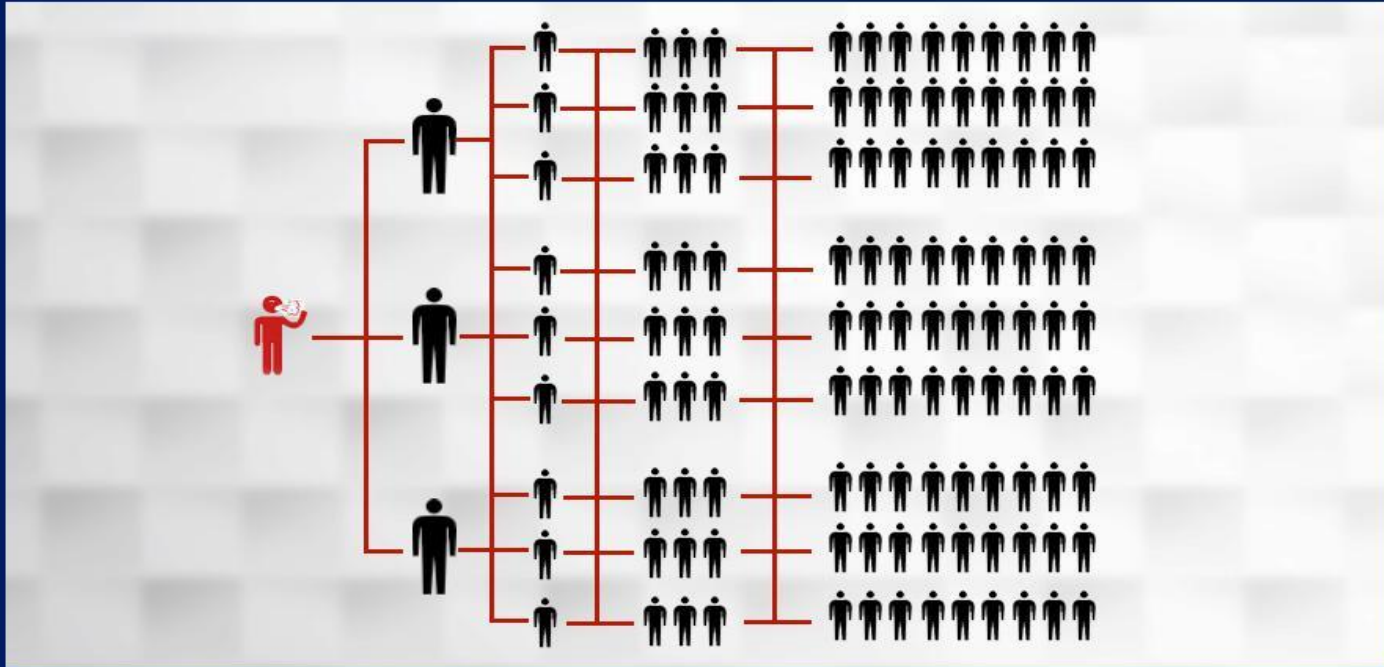


# R NAUGHT VALUES (RO)

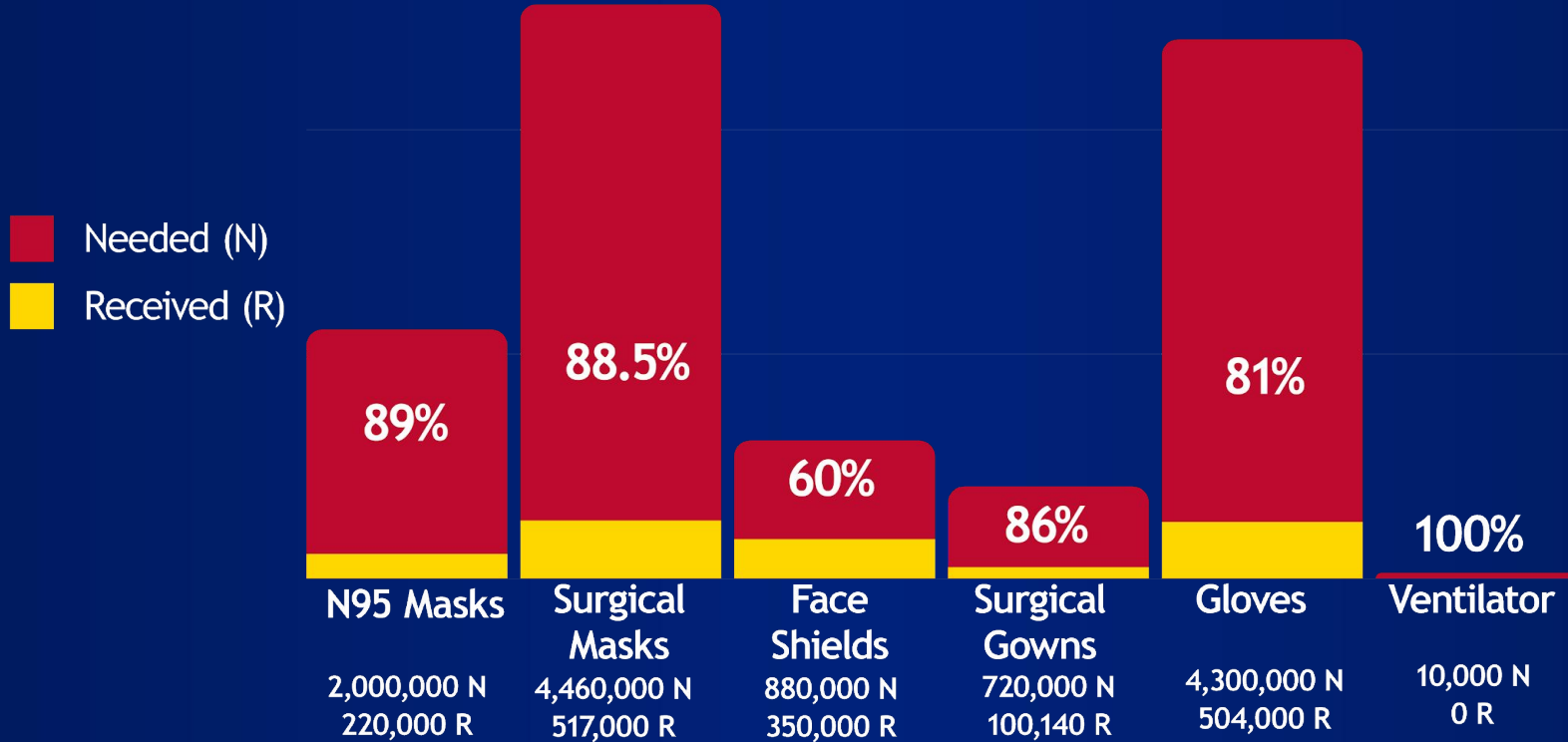
**a.k.a. The number of people your positive neighbor is likely to infect**

- Estimated Colorado RO was between 3 & 4
- One Coloradan spreads the virus to three to four people
- Then each one of those three or four Coloradans spreads the virus to three or four more Coloradans and so on.

# COLORADO R NAUGHT VALUES (R03)



# FEDERAL REQUEST FOR PPE



# STATE-SOURCED SUPPLIES

## ORDERED

**2,500,000**

N95 MASKS

**1,000,000**

SURGICAL MASKS

**250,000**

GOWNS

**25,000**

FACE SHIELDS

**1,500,000**

GLOVES

**750**

VENTILATORS

\*ORDERS PLACED, ONCE ARRIVED NEED TO TEST TO ENSURE QUALITY

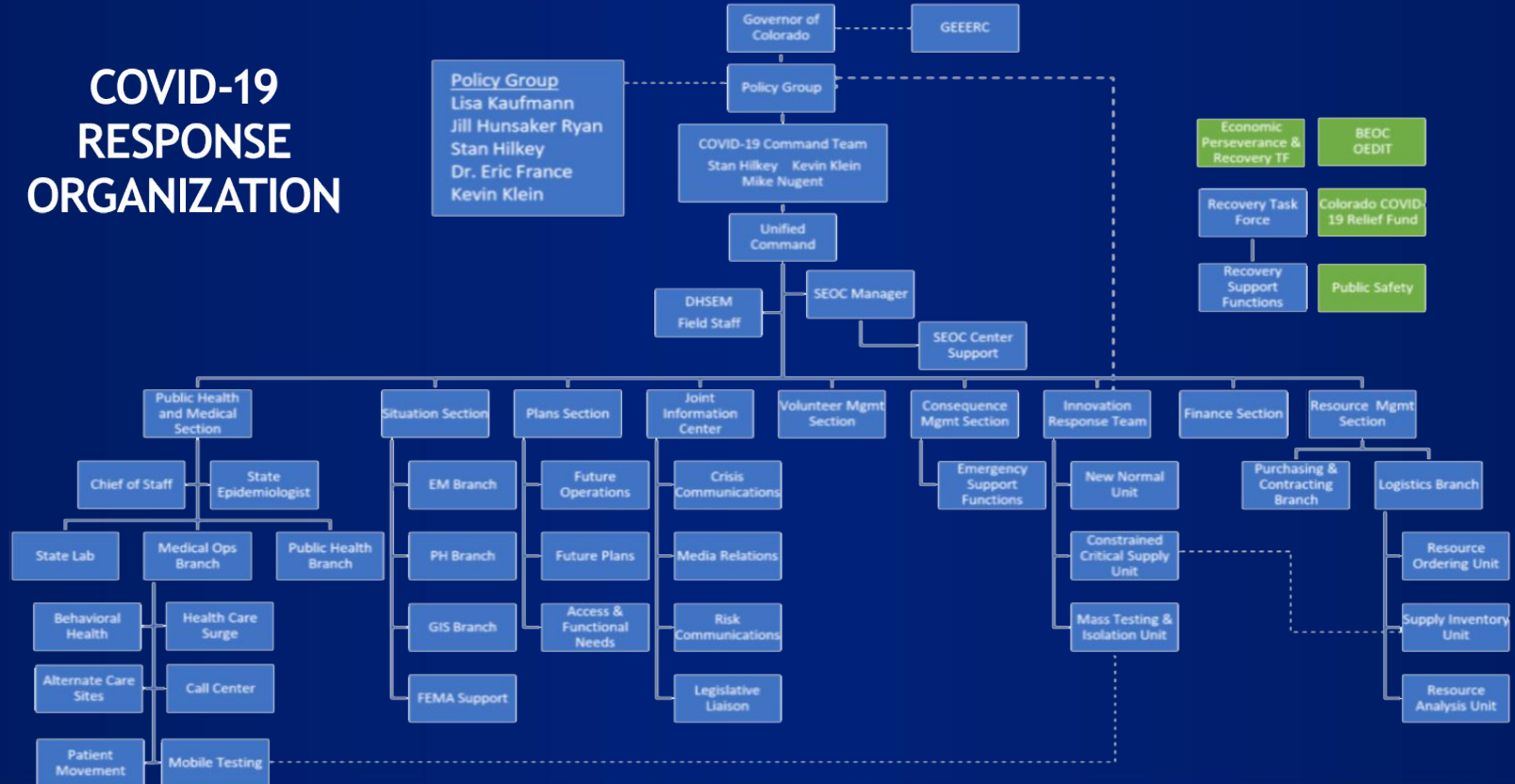
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# Emergency Operations Center Org Chart

## COVID-19 RESPONSE ORGANIZATION





# PUBLIC HEALTH AND MEDICAL SECTION

## MISSION OF MEDICAL SURGE UNIT

The mission of the Public Health and Medical Section in the COVID-19 response is to save lives by ensuring the stability of Colorado's healthcare system and to increase capacity within that system

# KEY OPERATING ASSUMPTIONS

1. Healthcare institutions across the state have been preparing for COVID-19 for many months and have taken steps to increase internal capacity
2. Healthcare systems will work within their normal patterns until they are overwhelmed
3. The role of the state is to:
  - a. Support healthcare systems with coordinated access to private sector resources to acquire PPE, ventilators, and other equipment
  - b. Coordinate the recruitment and utilization of volunteer medical professionals to provide surge capacity within the healthcare system
  - c. Provide information on the status of the healthcare system
  - d. Create systems that overlay the normal healthcare system to provide coordination and response when the healthcare system becomes overwhelmed

# OUR OPERATING CHALLENGE



Based on epidemiological models, and depending on the effectiveness of social distancing, Colorado can expect to see a surge of patients that will **overwhelm hospitals between April and July 2020.**



Based on clinical evidence from areas previously hit with the COVID-19 outbreaks, patients who are severely ill will require intensive care and will be **ventilator dependent for an average of 11 to 20 days**

# MEDICAL SURGE CONCEPT OF OPERATIONS

## TIER 1

**Critical Care Patients**  
Ventilator, Dialysis,  
ICU needs

**Facility Types:**  
Hospitals, Critical  
Access Hospitals,  
Long-term acute care  
facility

**Target:**  
5,000 beds  
by April 18

## TIER 2

**Acute Care Patients**  
IV meds or fluids,  
Hourly RN monitoring,  
Respiratory Therapy  
needs

**Facility Types:**  
Ambulatory Surgical  
Centers, Freestanding  
Emergency Departments,  
Critical Access Hospitals

**Using  
Current  
Capability**

## TIER 3

**Sub-Acute Care Patients**  
Daily MD monitoring,  
2x Daily RN, monitoring,  
Respiratory Therapy  
needs

**Facility Types:**  
Arenas, Conv. Centers,  
Stadiums, Warehouses  
Converted to Field  
Hospitals

**Target:**  
2,000 beds  
by April 18






## TIER 4

**Non-acute care patients**  
Asymptomatic persons  
needing quarantine  
and/or basic supervision,  
may include homeless

**Facility Types:**  
Hotels, Dorms,  
Skilled Nursing  
Facilities, other  
Lodging Facilities

**Target:**  
10,000 beds  
by May 15

# WILDLY IMPORTANT GOALS (WIG)

-  Increase the total number of Tier 1 critical care beds in Colorado from 1,849 to 5,000 by April 18, 2020
-  Increase the total number of subacute Tier 3 surge beds in Colorado from 0 to 2,000 by April 18, 2020
-  Increase the total number of non-acute Tier 4 surge beds from 0 to 10,000 by May 15, 2020
-  Create and implement a patient transport unit within the Public Health and Medical Division by April 10, 2020
-  Increase the completeness of EMResource data from 62% to 90% by April 18, 2020

**WE'RE ALL IN THIS  
TOGETHER**



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