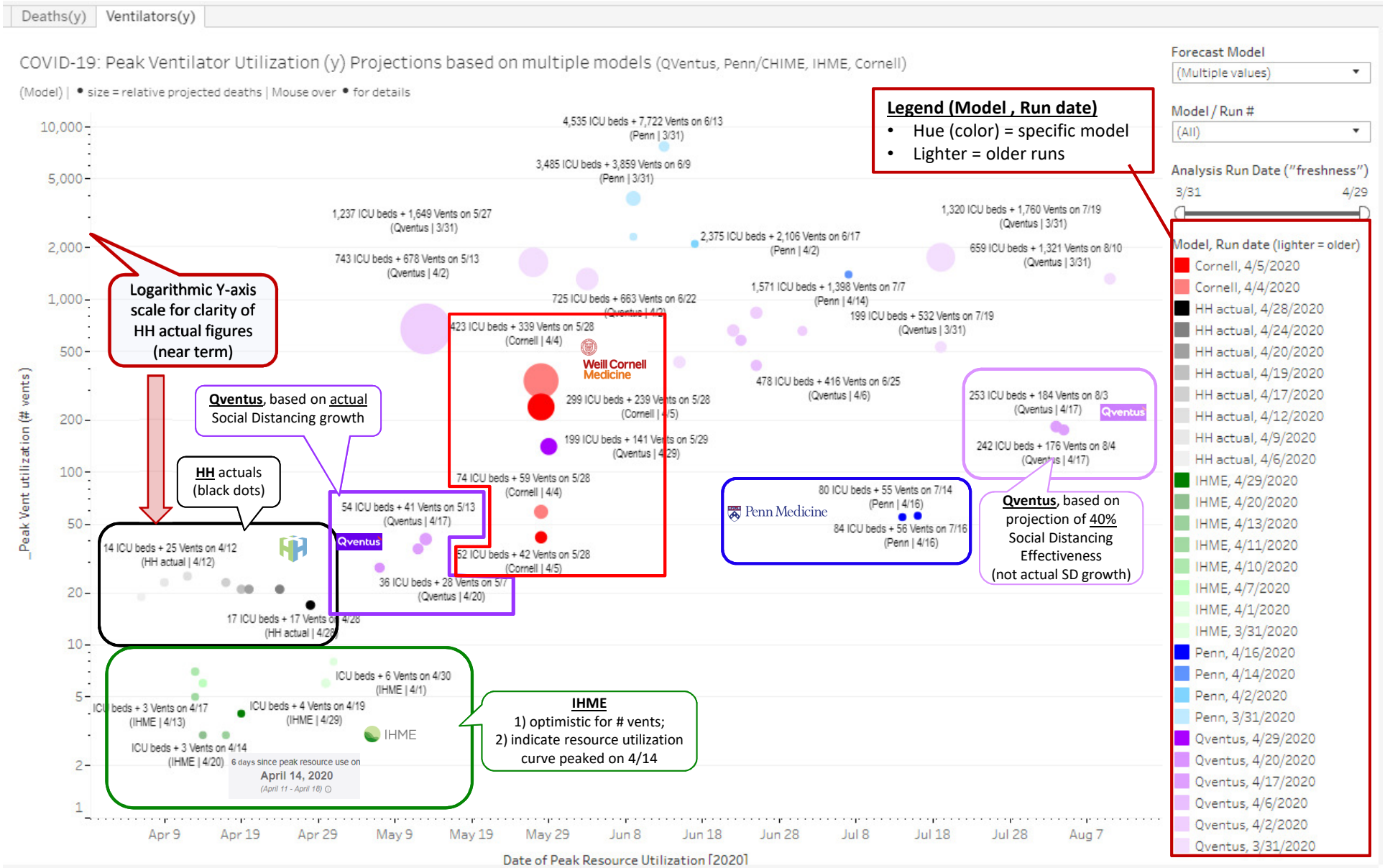
COVID-19 Update
Pasadena City Council Meeting
May 4, 2020
Zoom Call

Peak ICU/Ventilator Utilization Projections (as of 4/29)



Huntington Activities: Internal

- Clinical:
  - Converted 4 Units for COVID only patients (CCU, 4E, 5E, 6E)
  - Retrained staff & physicians on appropriate PPE
  - Education internal & external from our experts, Kim Shriner, MD
  - Careful employee tracing
  - Staff labor pool
  - Surge physician expansion teams
  - No visitor policy (few exceptions)
  - Temperature check/mask for all who enter hospital
  - Robots, remote stethoscopes, remote ventilators
- Logistics:
  - Incident command center
  - Supply sourcing
  - Employee support (TO policy, meals, showers, hotels, psych care)
  - IT support: remote work, patient contact, zoom, data tracking
  - Surge: 248 beds (internally), ED triage, mobile hospital, surge tents
- Testing:
  - Added multiple platforms for testing in house and send out
  - Added COVID clinic for outpatient referrals for testing (swabs, x-ray, blood)

ED Triage Tent

Surge planning (Internal)

Mobile Hospital

Inside Mobile Hospital

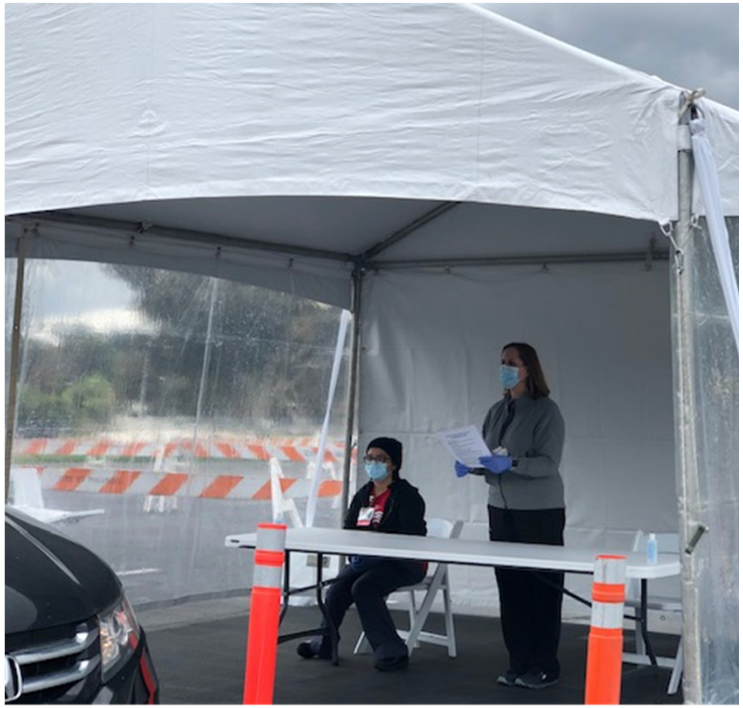
Surge Tent

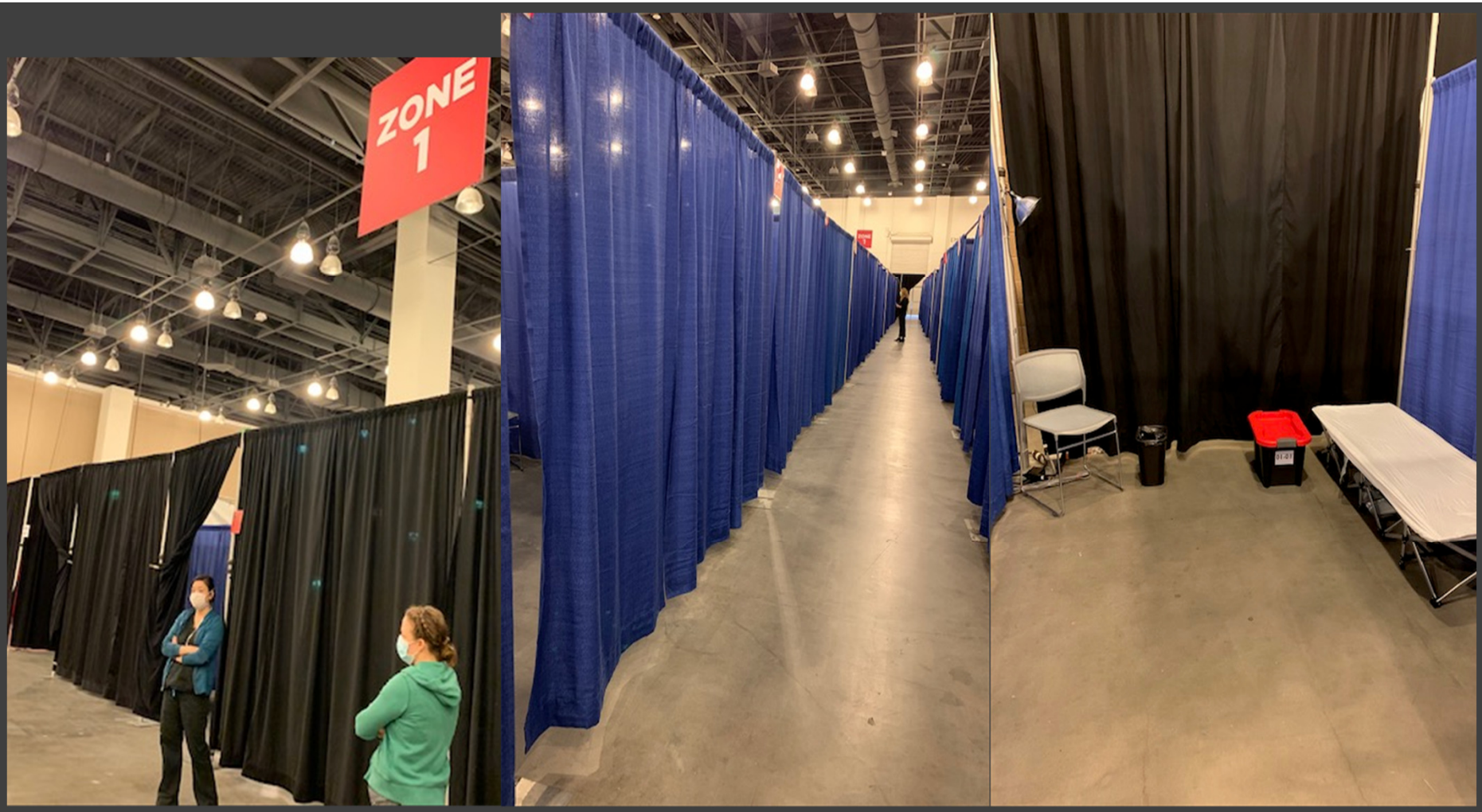
Surge Tent

Huntington Activities: External

- Community support:
  - Unit 3 clinic
  - Rose Bowl clinicians for LA County testing site
  - Community education on website
  - Community phone message to direct to information
- Surge
  - Pasadena Convention Center
  - Partners: City of Pasadena, PFD. Red Rock
  - Approved for 350 beds
  - Convened group of over 100community physicians to provide care
  - Only city/hospital partnership I am aware of
- SNF/ALF:
  - Hired physician liaison (Dr. Preciado)
  - Provided PPE training
  - Shared PPE donations
  - Convening weekly meetings to support these organizations

Rose Bowl Testing





Pasadena Convention Center

Proposed Slides (14-21) to Present

Please contact Kwang Pak for questions, updates, or changes

Hospital Patient Dashboard

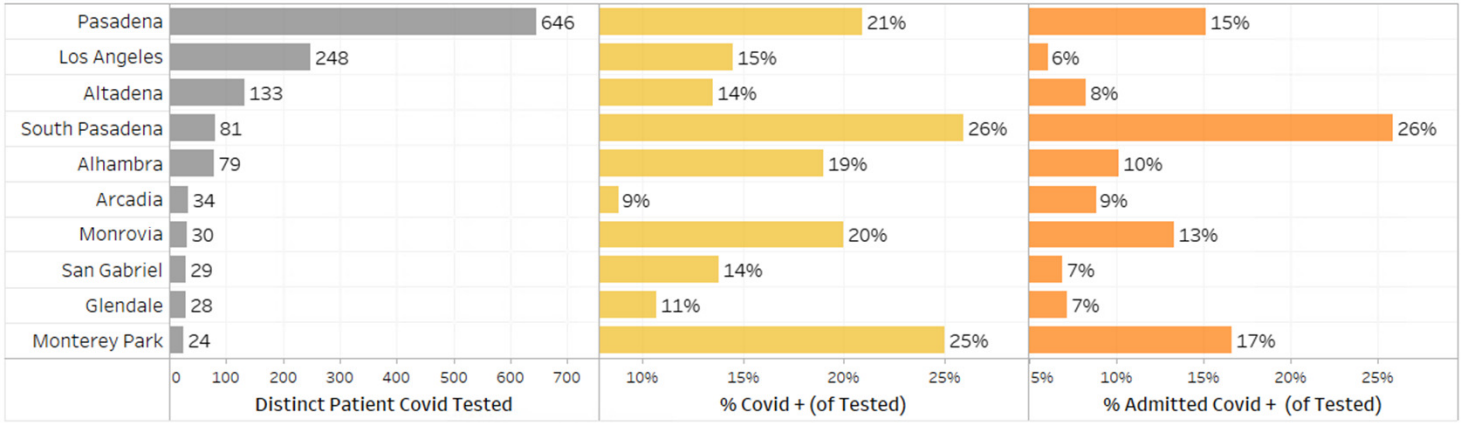
Data Updated: 5/1/2020 10:33:04 AM

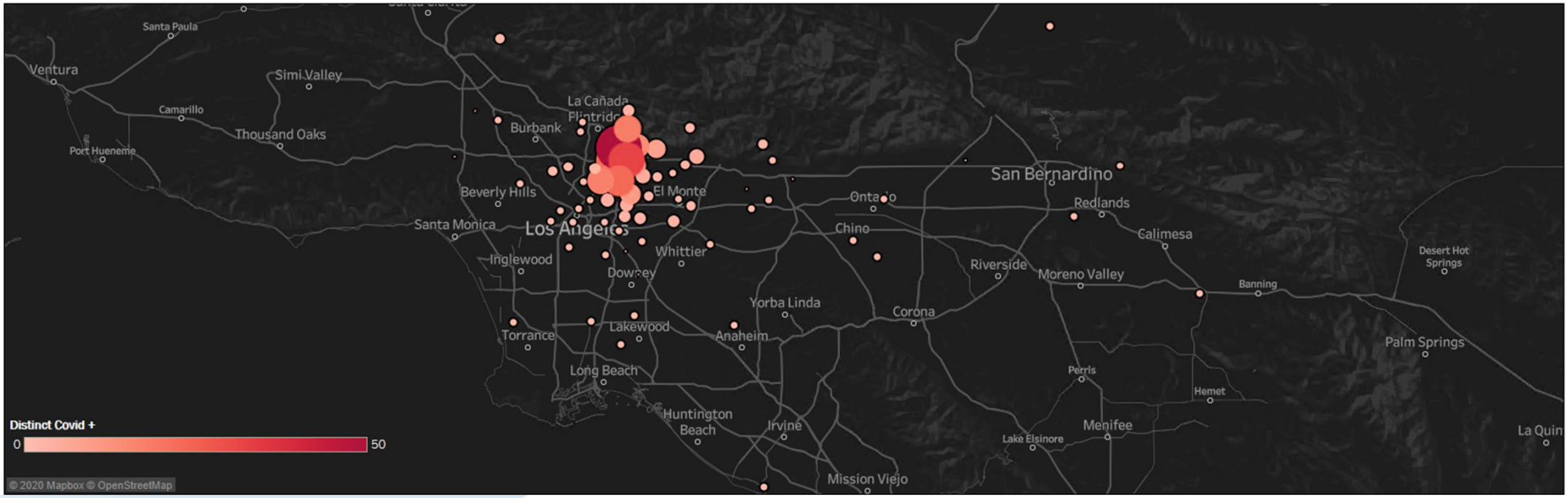
Covid-19 Stats by Patient Zip Code Location

Covid Stats

Distinct Cities	136
Distinct Zip Codes	230
Covid Tested	1,774

Top 10 Cities Tested





Hospital Patient Dashboard

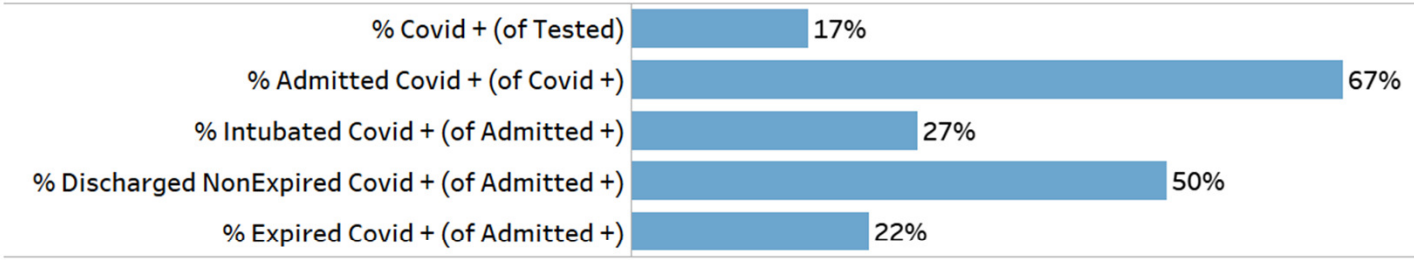
Covid-19 Stats, Trends

Data Updated: 5/1/2020 1:03:15 PM

Distinct Patients Tested

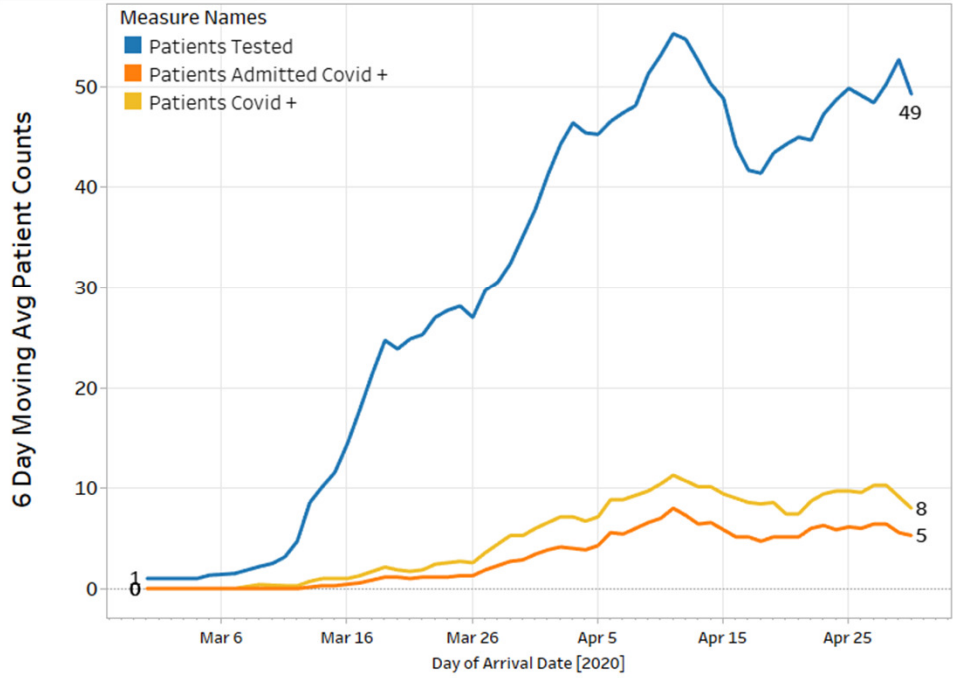
1,774

Covid Positive Status Summary



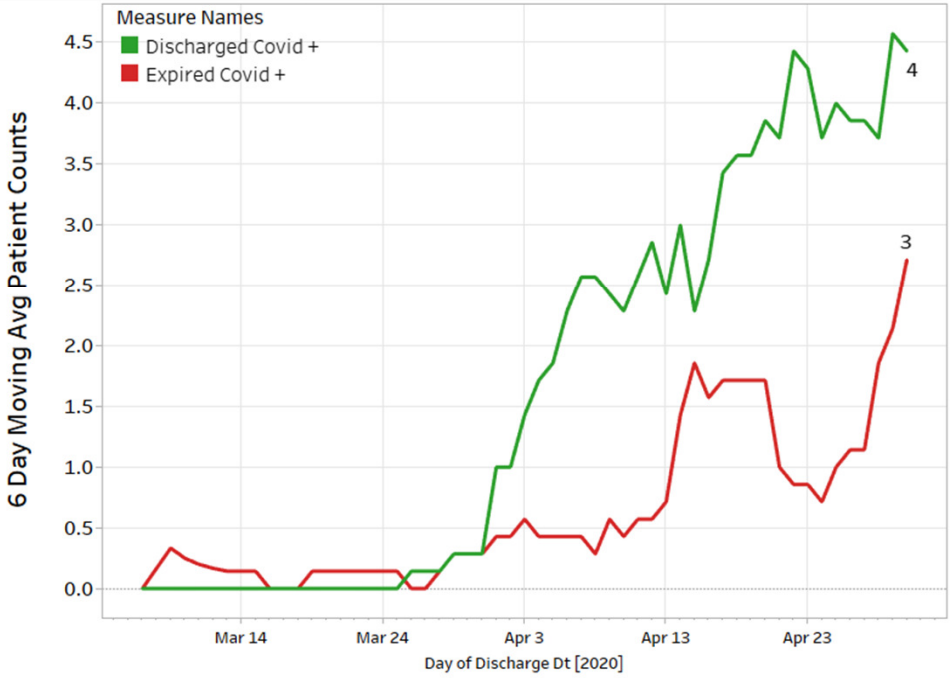
Patient Arrival Daily Trends

Using 6 Day Moving Averages



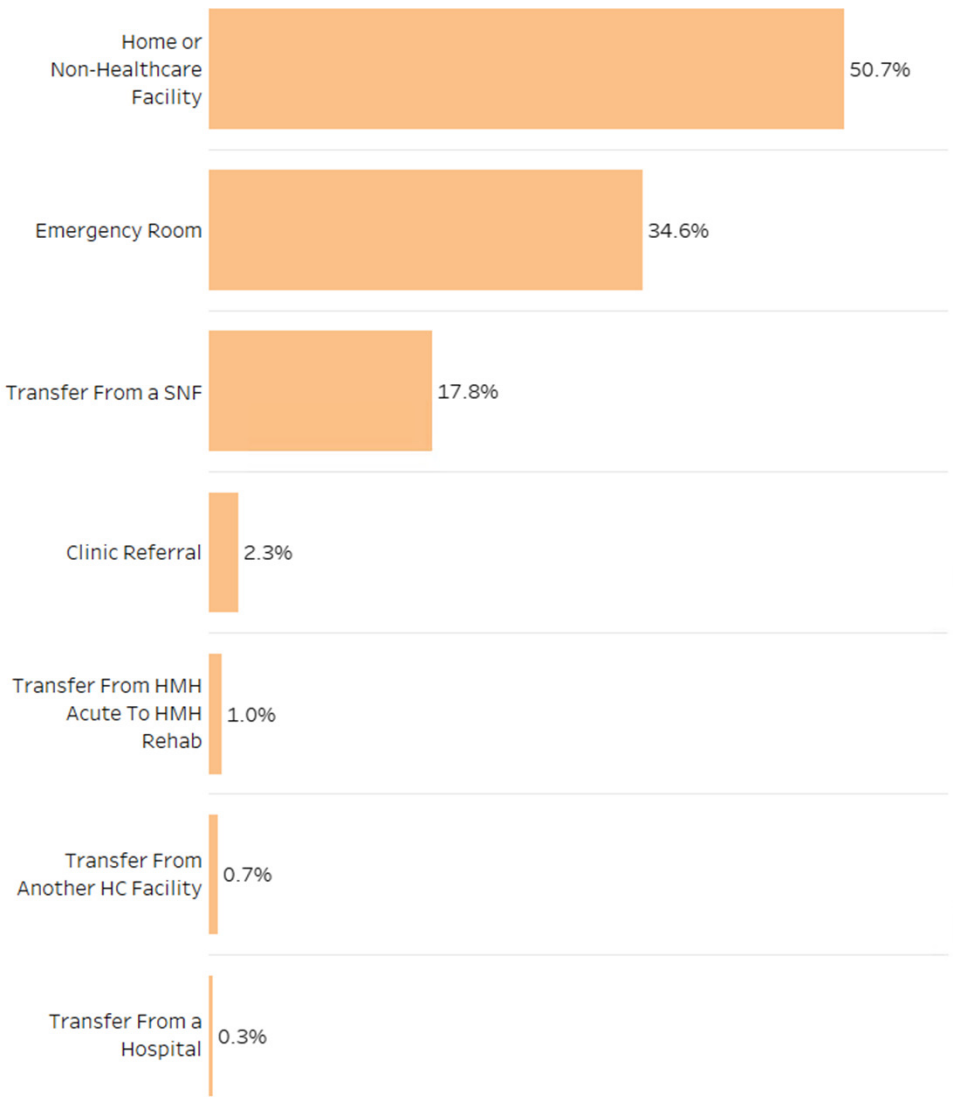
Patient Discharged Daily Trends

Using 6 Day Moving Averages

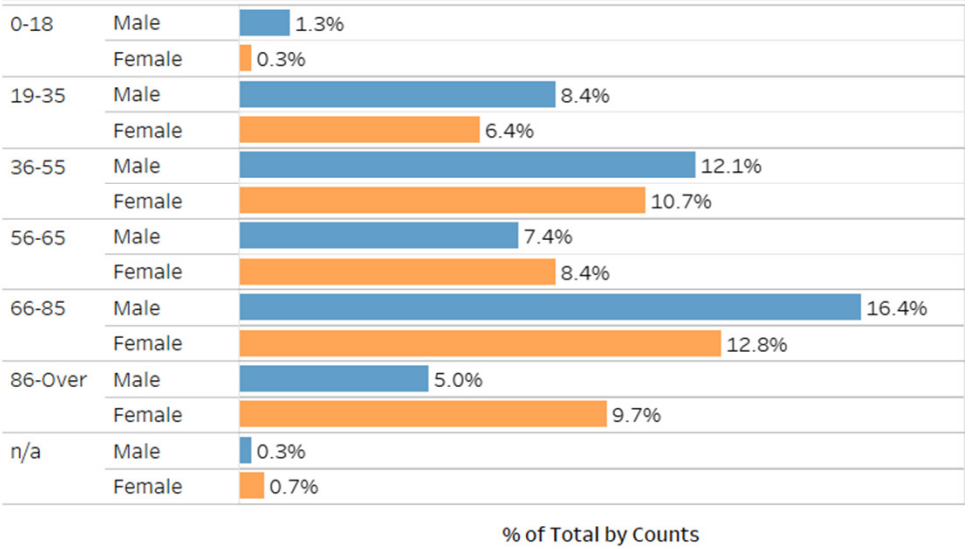


Covid 19 % of Total Distinct Patients **Covid +** by Demographics

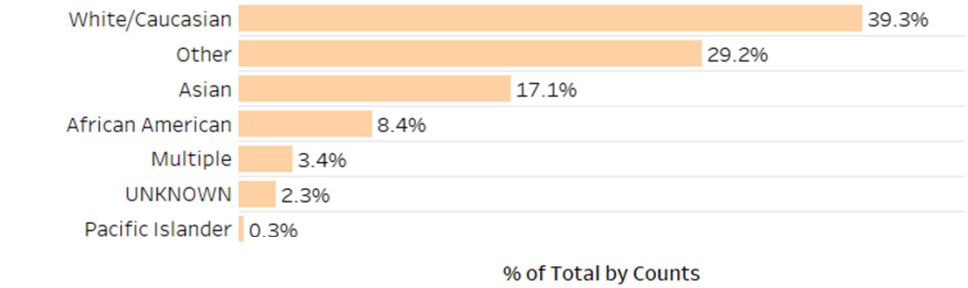
Admit Source



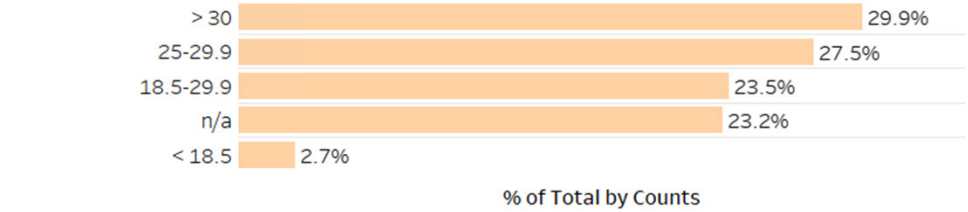
Patient Age / Gender



Patient Race

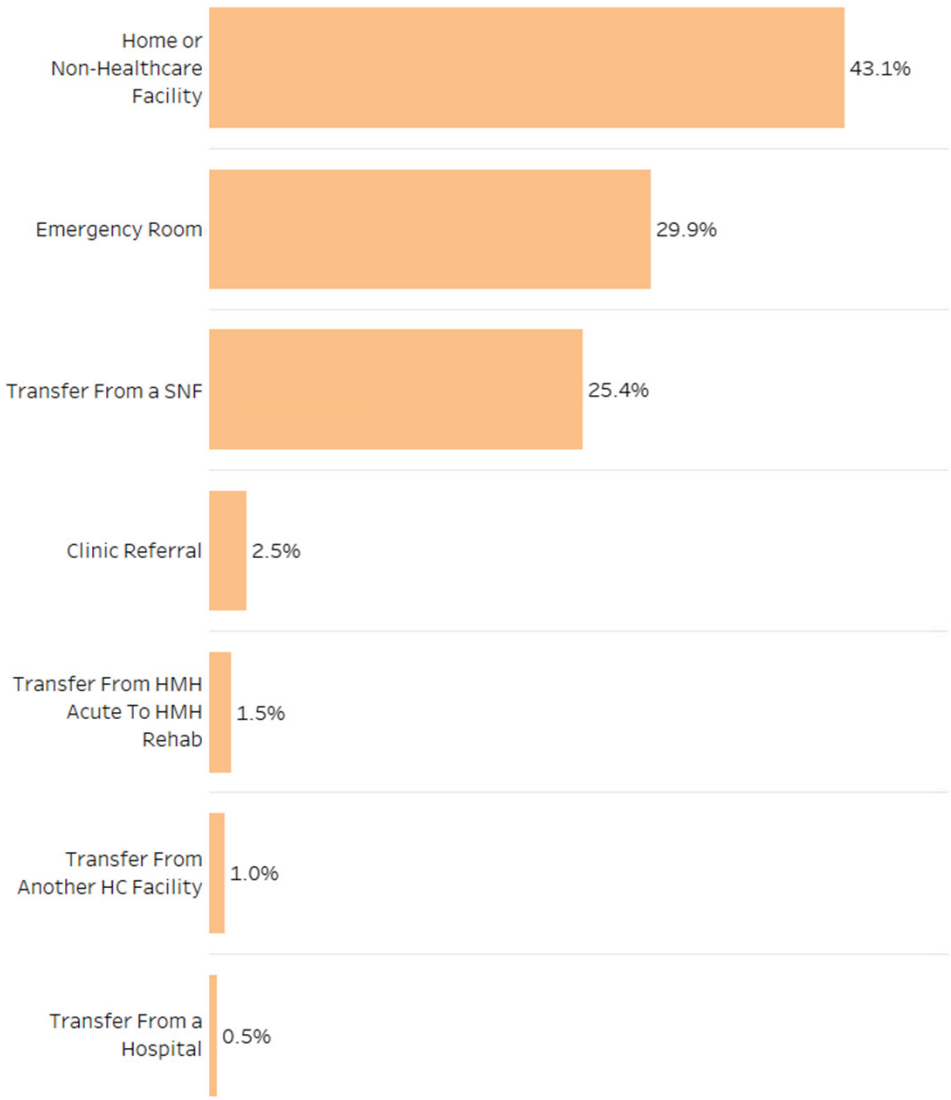


Patient BMI

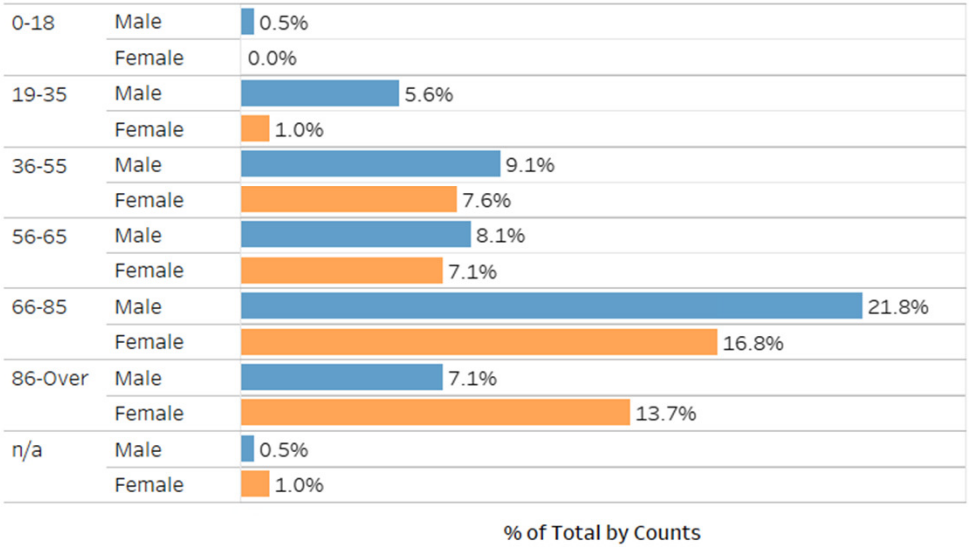


Covid 19 % of Total Distinct Patients **Admitted Covid +** by Demographics

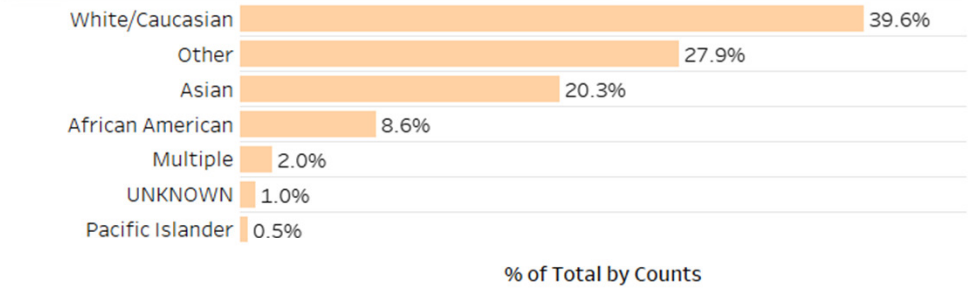
Admit Source



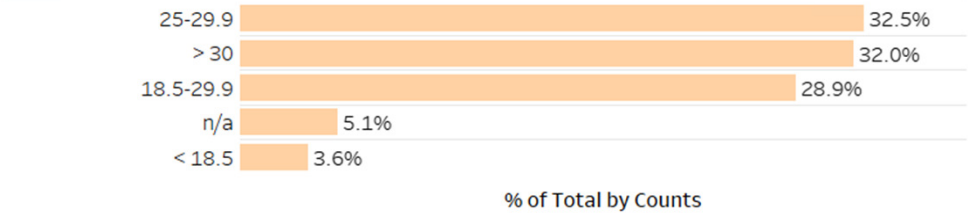
Patient Age / Gender



Patient Race

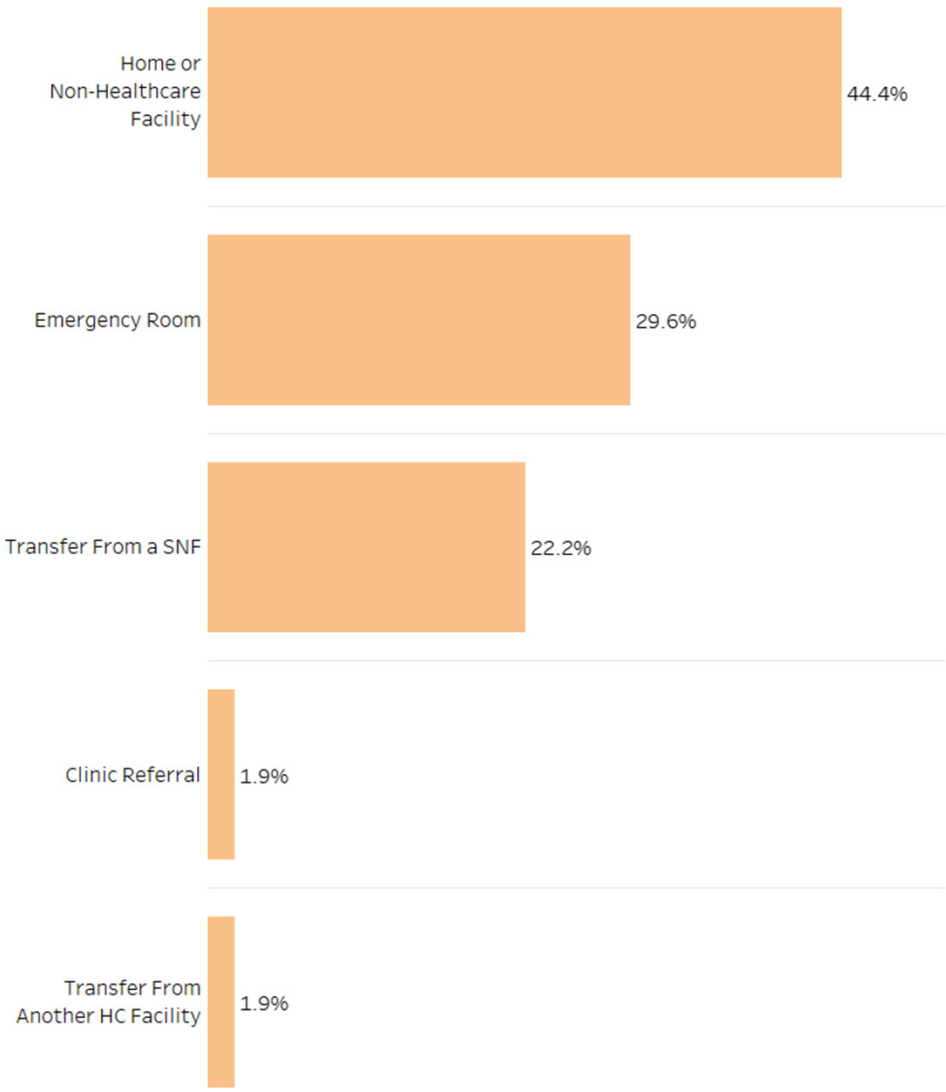


Patient BMI



Covid 19 % of Total Distinct Patients **Intubated Covid +** by Demographics

Admit Source



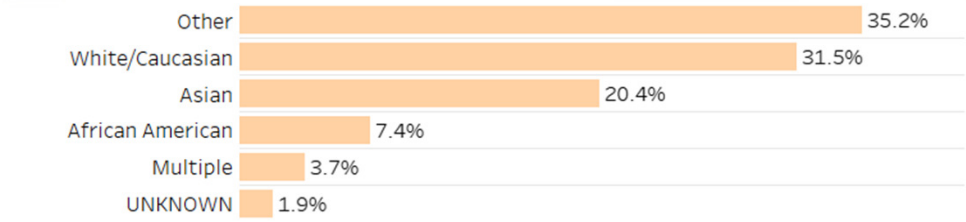
% of Total by Counts

Patient Age / Gender

0-18	Male	0.0%
	Female	0.0%
19-35	Male	9.3%
	Female	1.9%
36-55	Male	13.0%
	Female	1.9%
56-65	Male	13.0%
	Female	5.6%
66-85	Male	27.8%
	Female	16.7%
86-Over	Male	7.4%
	Female	1.9%
n/a	Male	1.9%
	Female	0.0%

% of Total by Counts

Patient Race



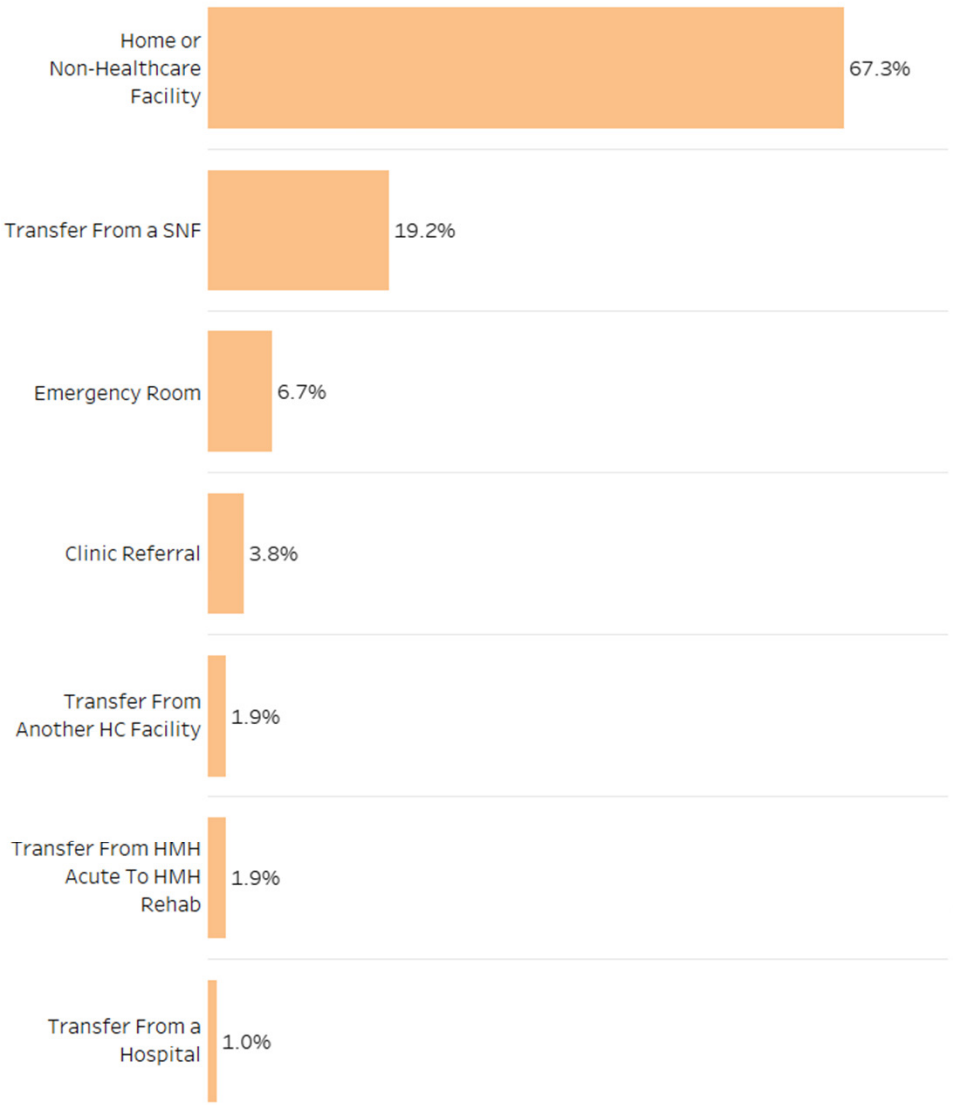
% of Total by Counts

Patient BMI

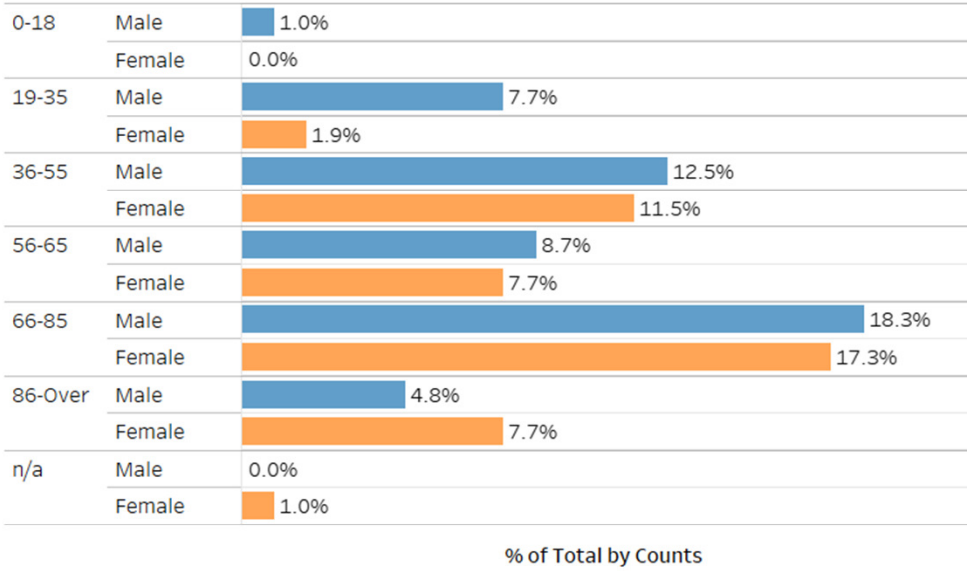
% of Total by Counts

Covid 19 % of Total Distinct Patients **Discharged Admit Covid +** by Demographics

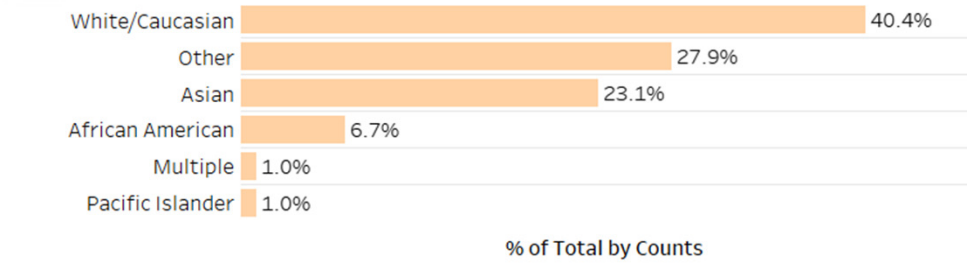
Admit Source



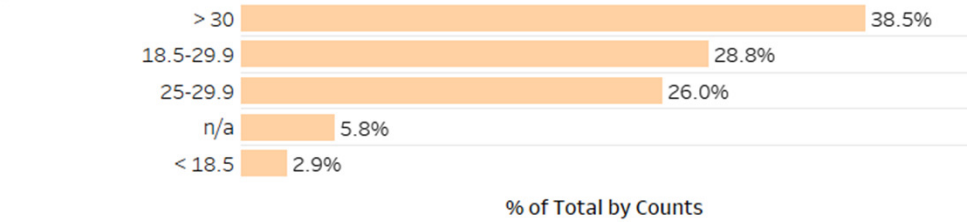
Patient Age / Gender



Patient Race

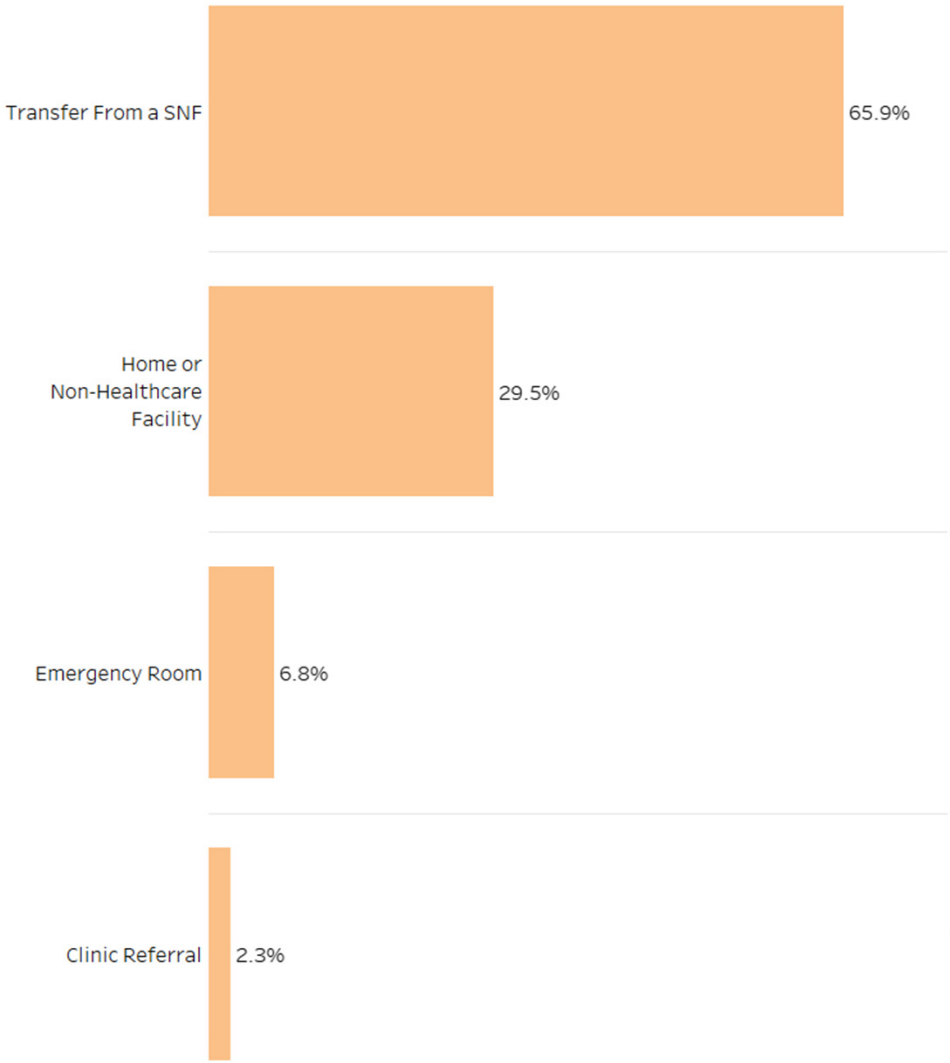


Patient BMI



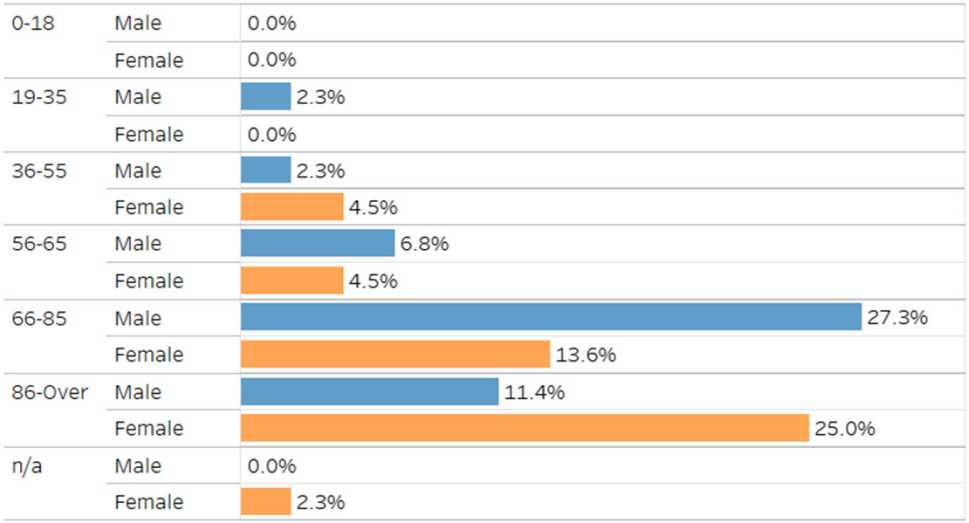
Covid 19 % of Total Distinct Patients **Expired Admit Covid +** by Demographics

Admit Source



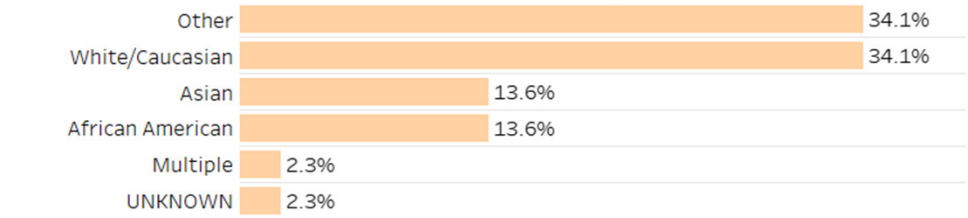
% of Total by Counts

Patient Age / Gender



% of Total by Counts

Patient Race

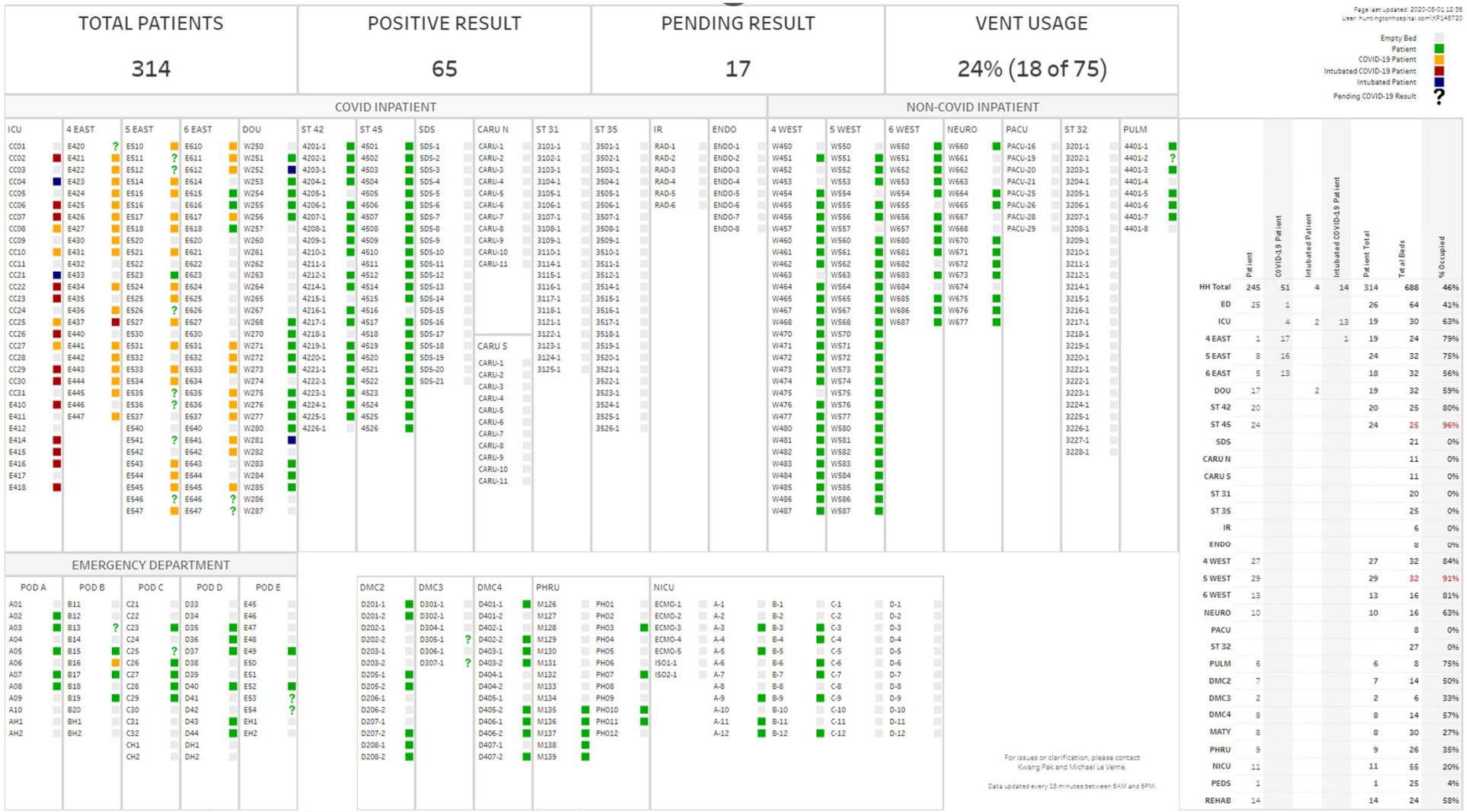


% of Total by Counts

Patient BMI

% of Total by Counts

Hospital Bedboard in the Command Center

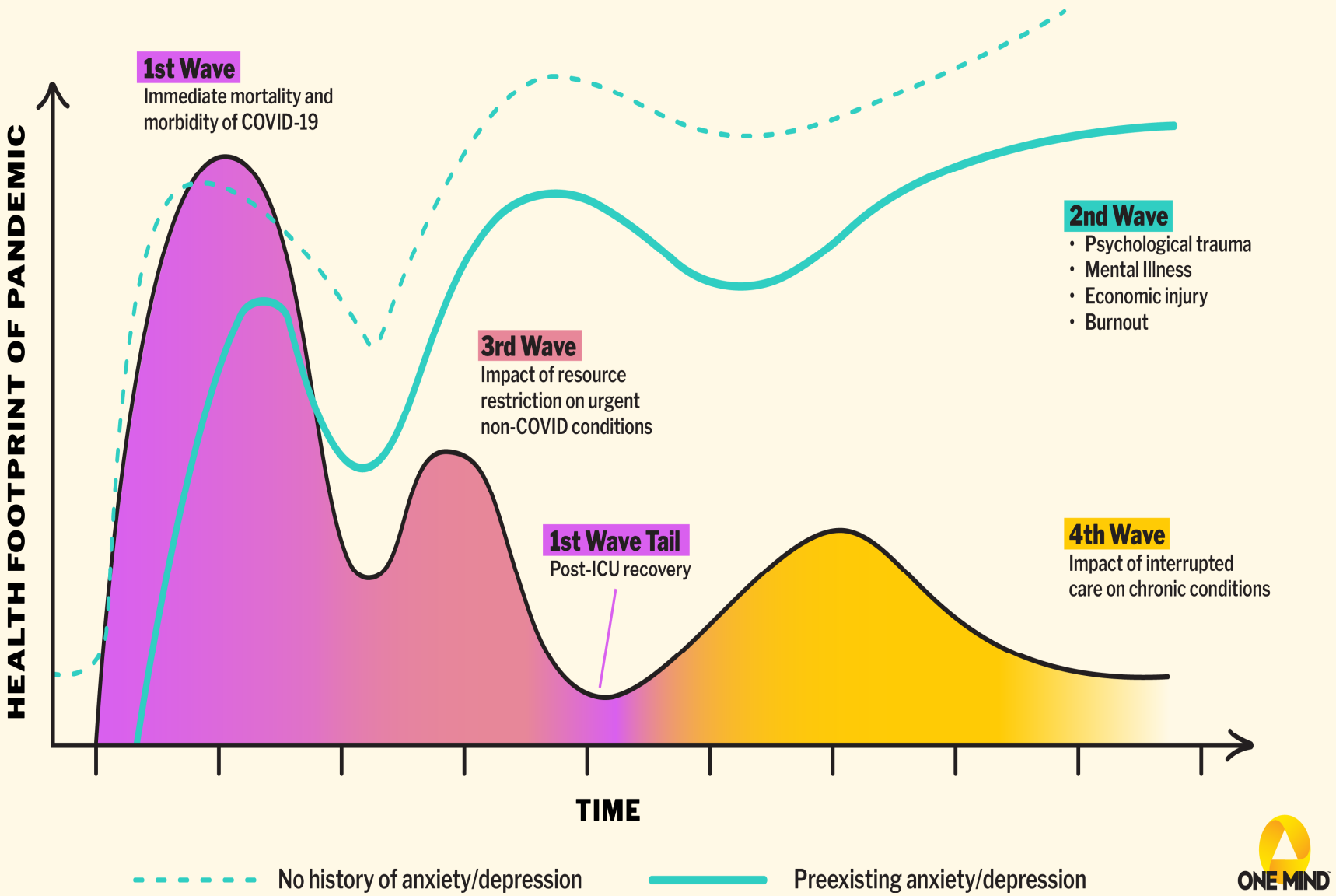


	Patient	COVID-19 Patient	Intubated Patient	Intubated COVID-19 Patient	Patient Total	Total Beds	% Occupied
HH Total	245	51	4	14	314	688	46%
ED	25	1			26	64	41%
ICU		4	2	13	19	30	63%
4 EAST	1	17		1	19	24	79%
5 EAST	8	16			24	32	75%
6 EAST	5	13			18	32	56%
DOU	17		2		19	32	59%
ST 42	20				20	25	80%
ST 45	24				24	25	96%
SDS						21	0%
CARU N						11	0%
CARU S						11	0%
ST 31						20	0%
ST 35						25	0%
IR						6	0%
ENDO						8	0%
4 WEST	27				27	32	84%
5 WEST	29				29	32	91%
6 WEST	13				13	16	81%
NEURO	10				10	16	63%
PACU						8	0%
ST 32						27	0%
PULM	6				6	8	75%
DMC2	7				7	14	50%
DMC3	2				2	6	33%
DMC4	8				8	14	57%
MATY	8				8	30	27%
PHRU	9				9	26	35%
NICU	11				11	55	20%
PEDS	1				1	25	4%
REHAB	14				14	24	58%

The Next normal

- Resuming elective surgery:
  - Have continued to do urgent/emergent surgery
  - Need to have decreased COVID admissions
  - May 11 will expand schedule, slowly
  - Adequate PPE
  - Enough bed capacity
  - Need for ICU or SNF
  - Risk stratification
  - Preop testing
- Long term ID unit(s)
- Supply strategy
- TeleHealth strategy
- Telecommuting policies
- Governmental financial support
- Readiness capacity
- COVID "'hot wash"
- Psychiatric support, caregivers and others

COVID-19 IMPACT TIMELINE



Huntington Hospital

thank you

Huntington Hospital