

# COVID-19 Update

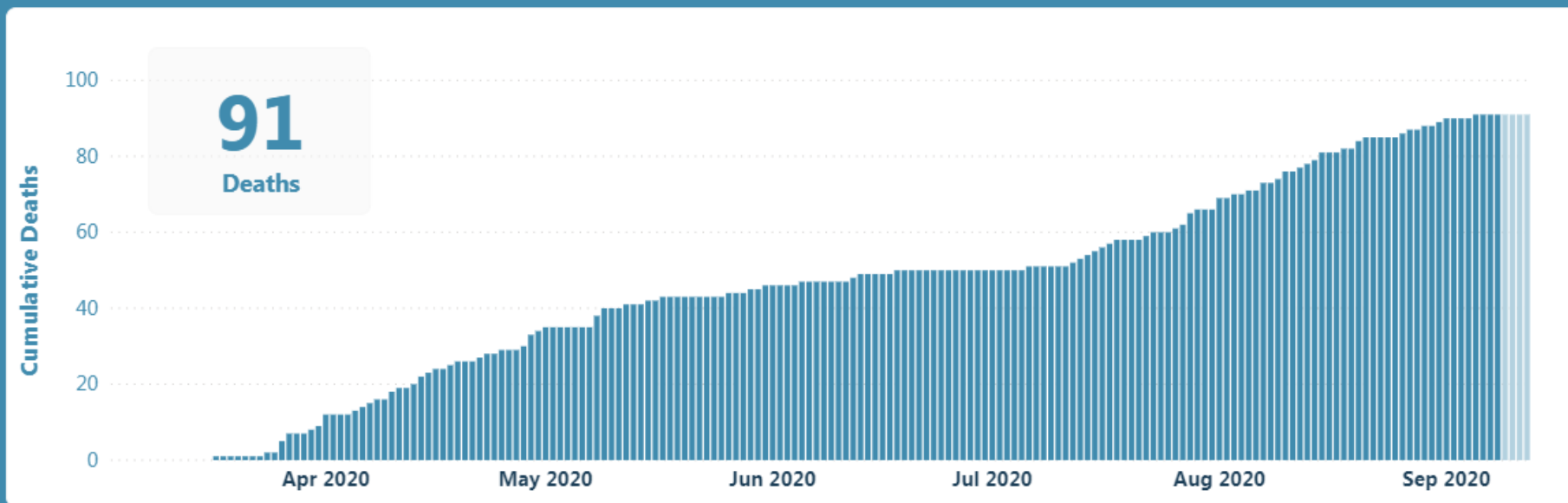
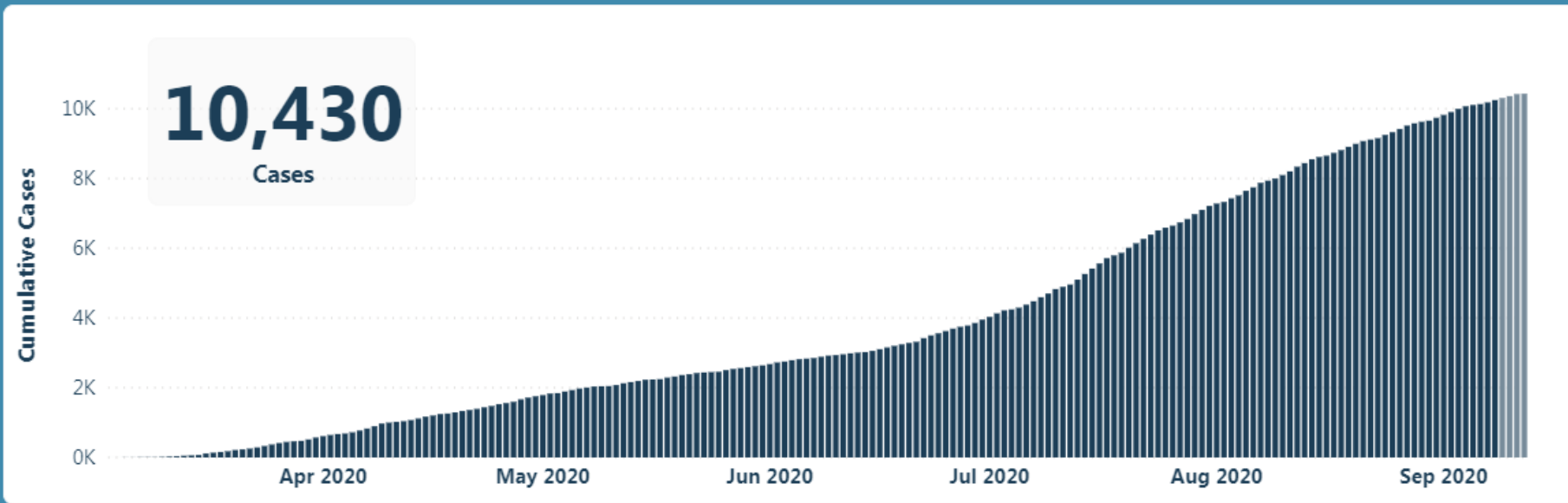
Grant Colfax, MD  
Director of Health

September 15, 2020



SAN FRANCISCO DEPARTMENT OF PUBLIC HEALTH

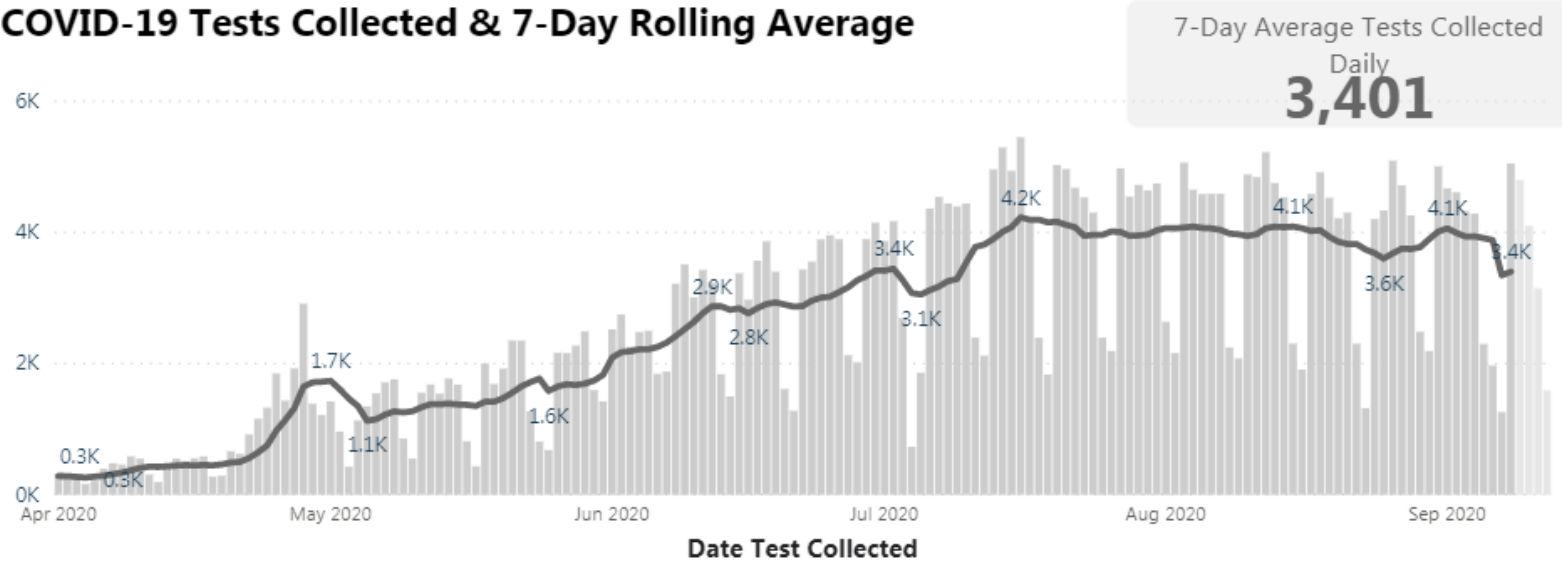
# Cumulative Cases and Deaths



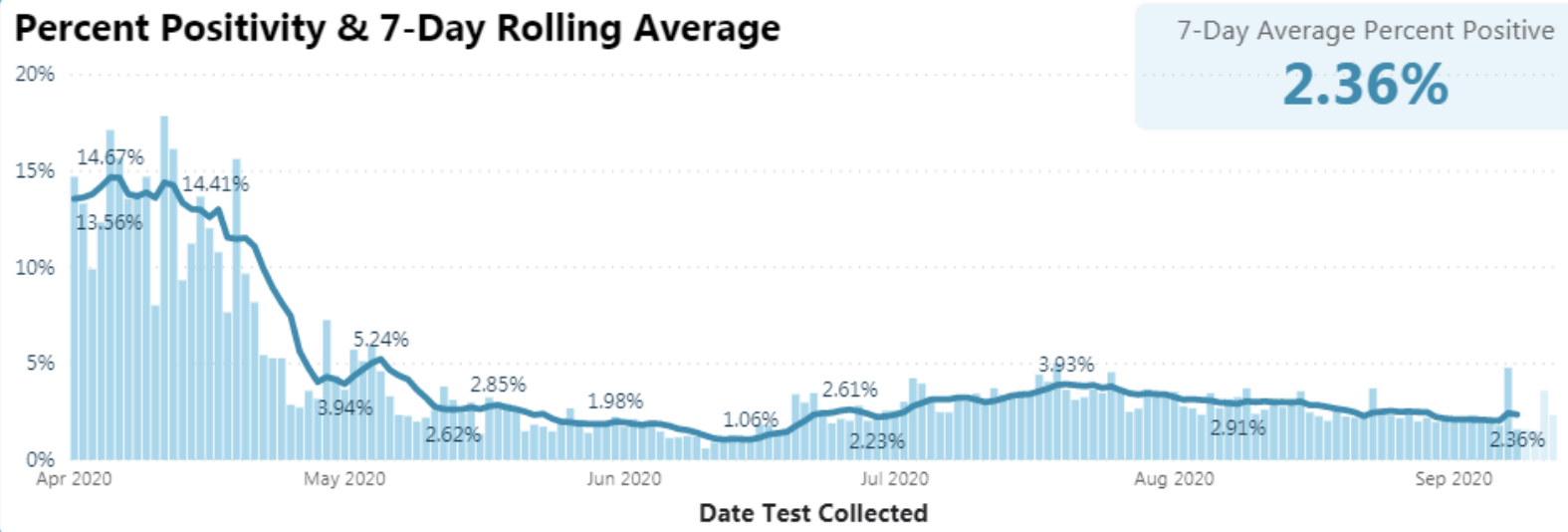
# Testing and Case Demographics



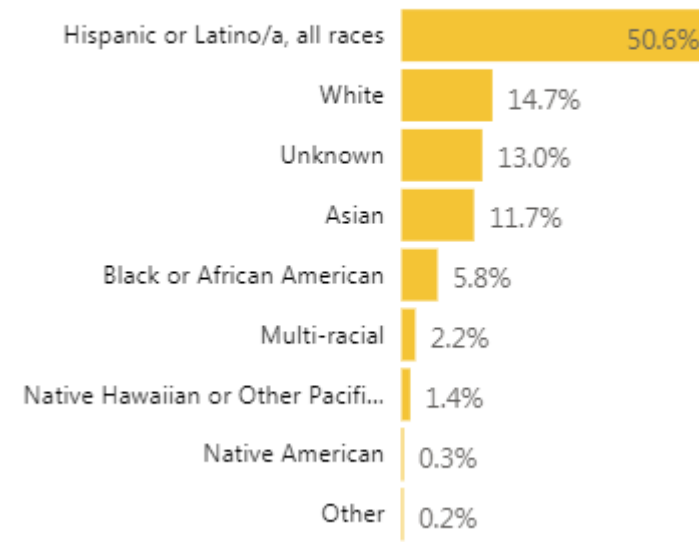
## COVID-19 Tests Collected & 7-Day Rolling Average



## Percent Positivity & 7-Day Rolling Average



## Cases - Race/Ethnicity





# Low Barrier Testing

- Low barrier testing = Geography + outreach + community participation
- Pop-up sites:
  - High uptake
  - Locating higher percentage of positive cases

Pop-up Site	Cumulative Positivity	Positivity among Latino clients
Tenderloin (Glide)	10/496 (2%)	23%
Western Addition	1/49 (2%)	N/A
Mission Hub	70/1,240 (5.7%)	78%
Bayview	20/641 (3.2%)	25%
Sunnydale	10/196 (5.1%)	21%
Potrero	1/98 (1.1%)	33%
OMI	16/428 (3.8%)	21%
Excelsior	13/485 (2.7%)	63%
<b>TOTAL</b>	<b>141/3,633 (3.9%)</b>	<b>47%</b>
Embarcadero Site	1,853/119,500 (1.56%)	17%
SOMA Site	457/38,158 (1.21%)	17%

# County COVID-19 Comparisons

City	County	State	Cases/1000	Deaths/100,000	Tests/1000
San Francisco	San Francisco	CA	12.0	10.5	3.86
Seattle	King	WA	9.3	33.0	2.10
Atlanta	Fulton	GA	24.6	52.2	N/A
Baltimore	Baltimore City	MD	18.5	57.2	3.47
Los Angeles	Los Angeles	CA	24.4	59.7	1.08
Denver	Denver	CO	19.2	69.7	2.38
DC	DC	DC	20.8	87.7	N/A
Miami	Miami-dade	FL	60.5	106.5	N/A
Philadelphia	Philadelphia	PA	22.2	111.7	1.84
Boston	Suffolk	MA	28.9	138.8	N/A
New York City	New York City	NY	27.8	227.7	3.91

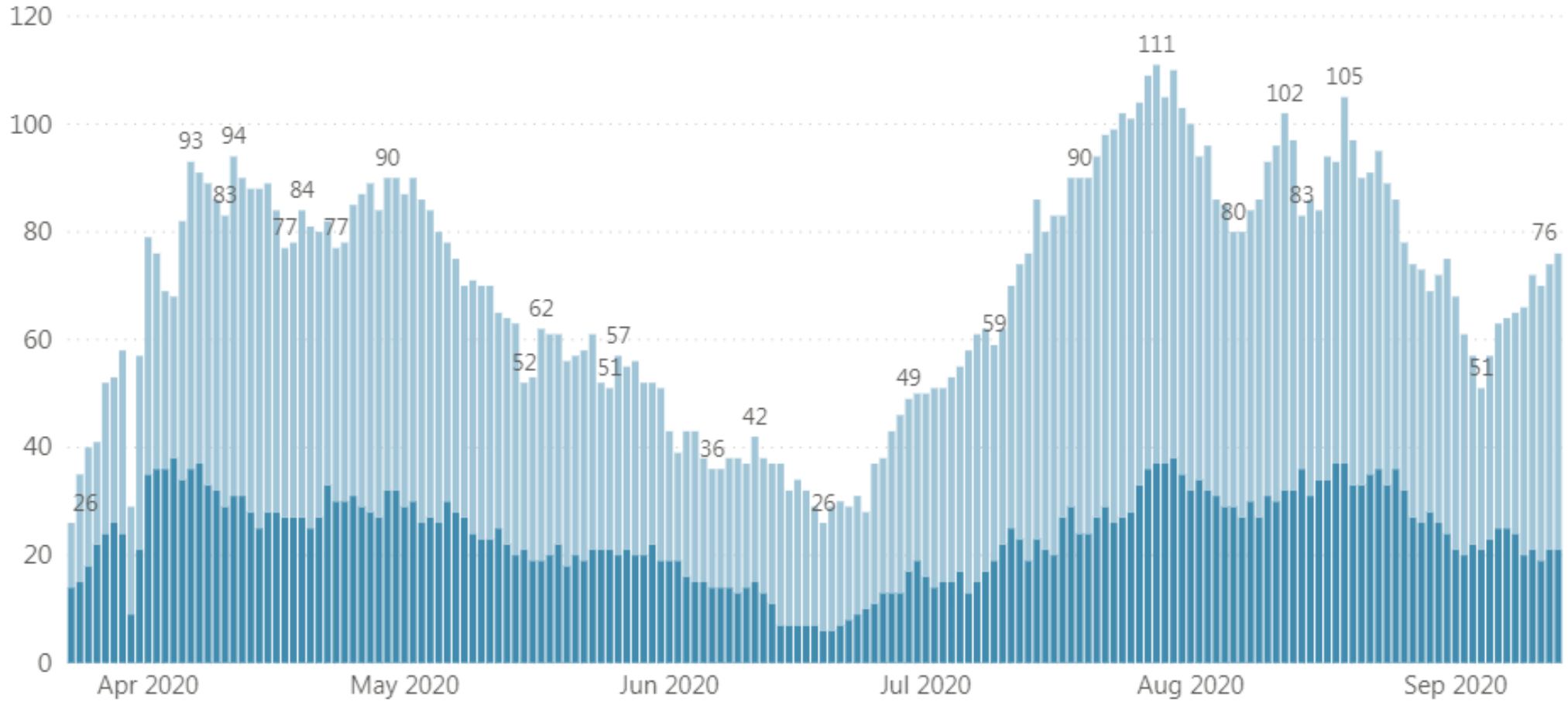
Updated September 14, 2020

# Hospitalizations



## COVID-19 Patient Count

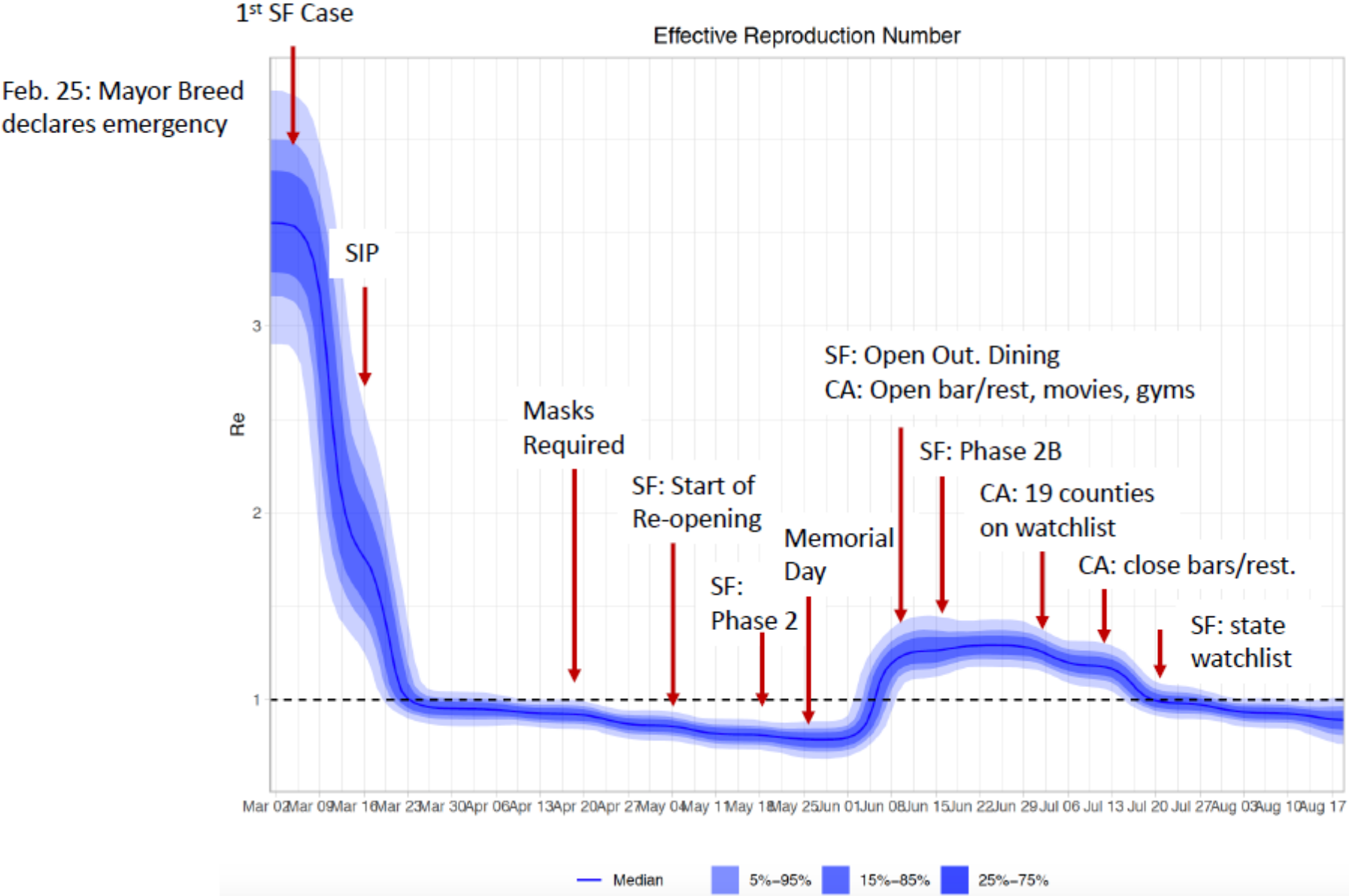
● ICU - San Francisco Patients ● Acute Care - San Francisco Patients ● Total Patient Count



# Key Health Indicators

Category	Key Question	Indicator	Triggers to raise or lower level	Level 1 New Normal	Level 2 Low Alert	Level 3 Moderate Alert	Level 4 High Alert
Health Care System	Are there early signs of an increase in hospitalizations?	Rate of increase in total COVID+ hospitalizations	Increase or decrease to meet new threshold over a 7-day period	<10%	10-15%	15-20%	<b>29%</b> <10%
	Do we have capacity to treat severe cases?	Acute care bed available capacity	Meet threshold for over 7 days	<b>28%</b> >15%	10-15%	5-10%	<5%
	Do we have capacity to treat severe cases?	ICU bed available capacity	Meet threshold for over 7 days	<b>37%</b> >20%	15-20%	10-15%	<10%
Disease Situation	Are there early indicators of an increase in COVID-19 disease?	Number of new cases per day/ 100,000 population	Increase or decrease to meet new threshold over a 7-day period	<1.8	1.8-4.0	4.0-6.0	<b>7.0</b> >6
	Are we testing enough to detect cases?	Tests per day	Meet threshold for over 7 days	<b>3,401</b> >1,800	1,800-1,400	1,400-700	<700
Disease Control	Do we have robust case investigation?	90% of new cases reached	Meet threshold for over 7 days	>90%	<b>82%</b> 80-90%	65-80%	<65%
	Do we have robust contact tracing?	90% of named contacts reached	Meet threshold for over 7 days	>90%	<b>82%</b> 80-90%	65-80%	<65%
	Are we protecting health care workers?	Percent of essential PPE with greater than a 30-day supply	Increase or decrease to meet new threshold over a 7-day period	<b>100%</b> 100%	85-100%	60-85%	<60%

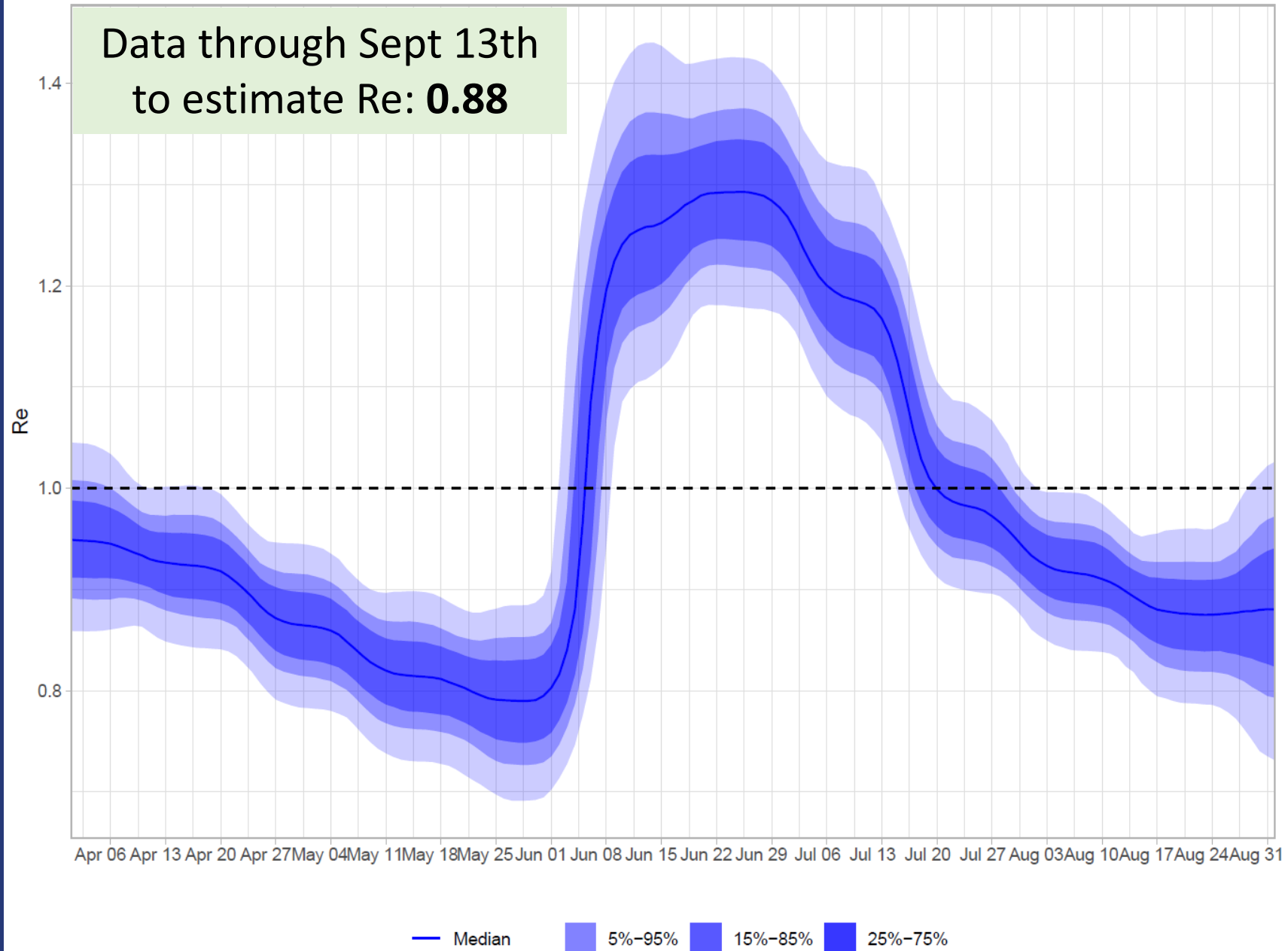
# Rt since the beginning of the epidemic



Source: Maya Petersen & Joshua Schwab, UCB



# Effective Reproduction Number



— Median    5%-95%    15%-85%    25%-75%