

COVID-19 Update

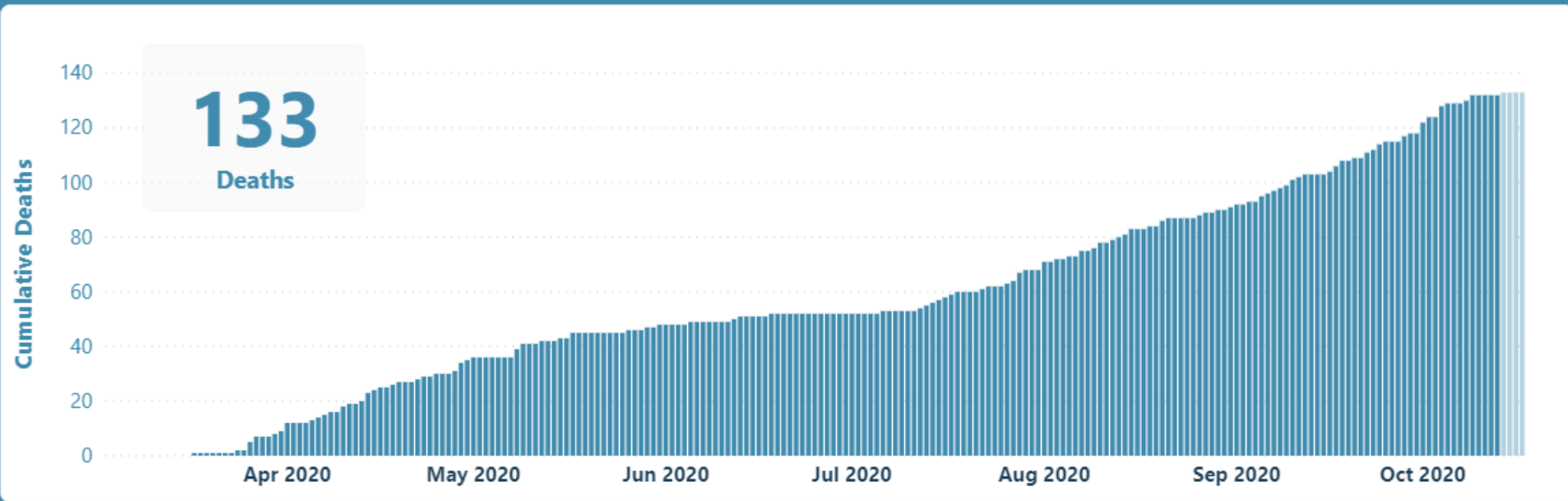
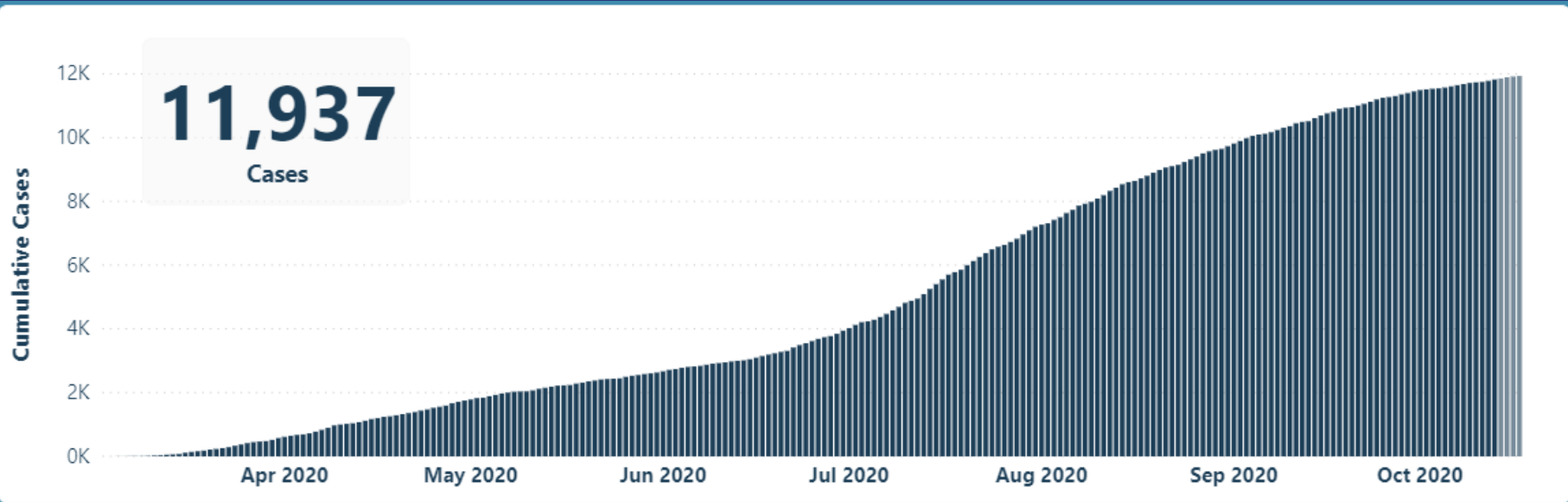
Grant Colfax, MD
Director of Health

October 20, 2020



SAN FRANCISCO DEPARTMENT OF PUBLIC HEALTH

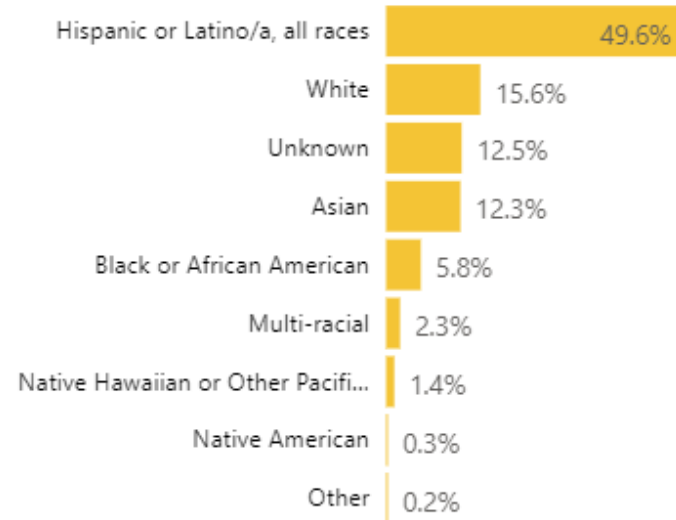
Cumulative Cases and Deaths



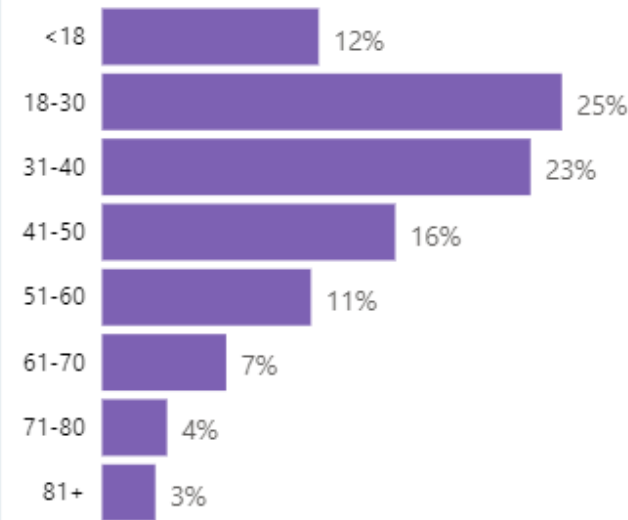
Population Characteristics: Positive Cases



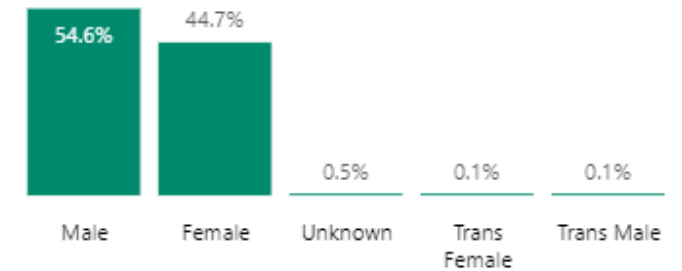
Cases - Race/ Ethnicity



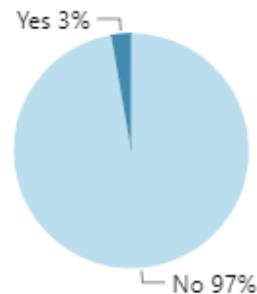
Cases - Age Group



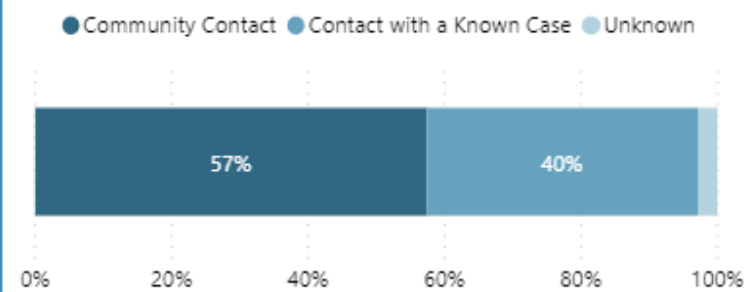
Cases - Gender



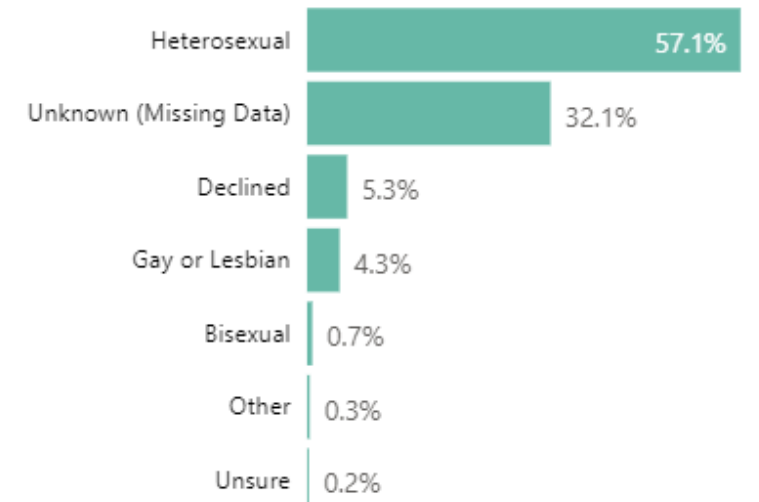
Cases - Experiencing Homelessness



Cases - Transmission



Cases - Sexual Orientation



Cases Over Age 65 by Race/Ethnicity



Race/Ethnicity	% Over Age 65
Asian	22%
Black/African American	14%
Latinx	5%
Multi-racial	6%
Native American	0%
Native Hawaiian or Other Pacific Islander	15%
White	14%

County COVID-19 Comparisons



City	County	State	Cases/1000	Deaths/100,000	Tests/1000
San Francisco	San Francisco	CA	13.4	14.2	4.44
Seattle	King	WA	10.6	34.8	1.70
Atlanta	Fulton	GA	27.2	55.5	N/A
Baltimore	Baltimore City	MD	19.9	59.6	3.84
Los Angeles	Los Angeles	CA	27.0	65.1	3.02
Denver	Denver	CO	23.7	71.2	2.60
DC	DC	DC	22.7	90.5	N/A
Miami	Miami-dade	FL	64.5	126.6	N/A
Philadelphia	Philadelphia	PA	25.1	115.5	1.65
Boston	Suffolk	MA	31.7	142.4	N/A
New York City	New York City	NY	29.8	284.1	1.12

Updated October 19, 2020

Key Health Indicators

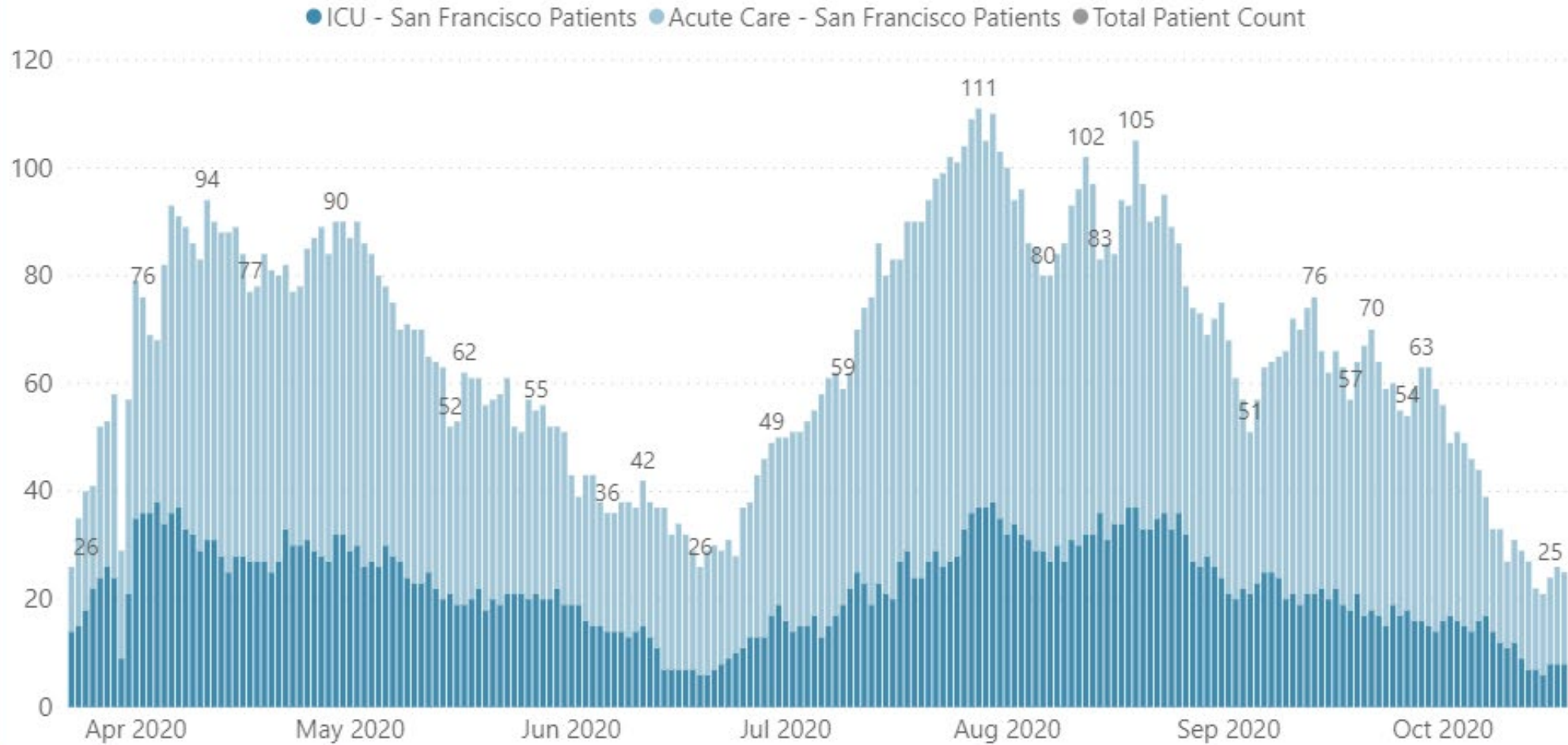


Category	Key Question	Indicator	Triggers to raise or lower level	Level 1 New Normal	Level 2 Low Alert	Level 3 Moderate Alert	Level 4 High Alert
Health Care System	Are there early signs of an increase in hospitalizations?	Rate of increase in total COVID+ hospitalizations	Increase or decrease to meet new threshold over a 7-day period	-18% <10%	10-15%	15-20%	<10%
	Do we have capacity to treat severe cases?	Acute care bed available capacity	Meet threshold for over 7 days	24% >15%	10-15%	5-10%	<5%
	Do we have capacity to treat severe cases?	ICU bed available capacity	Meet threshold for over 7 days	36% >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	3.5 1.8-4.0	4.0-6.0	>6
	Are we testing enough to detect cases?	Tests per day	Meet threshold for over 7 days	4,954 >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%	86% 80-90%	65-80%	<65%
	Do we have robust contact tracing?	90% of named contacts reached	Meet threshold for over 7 days	>90%	81% 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	100% 100%	85-100%	60-85%	<60%

Hospitalizations



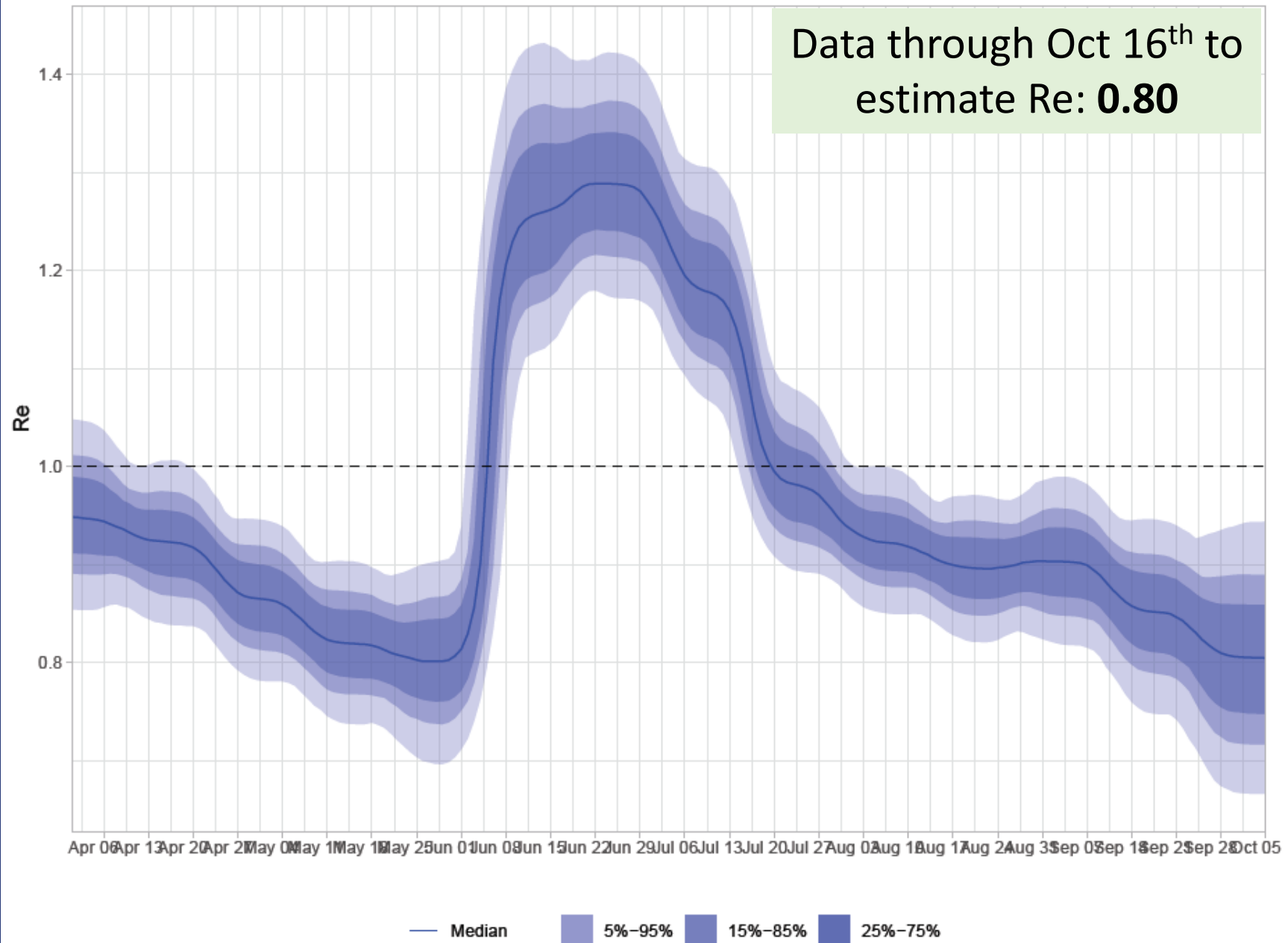
COVID-19 Patient Count





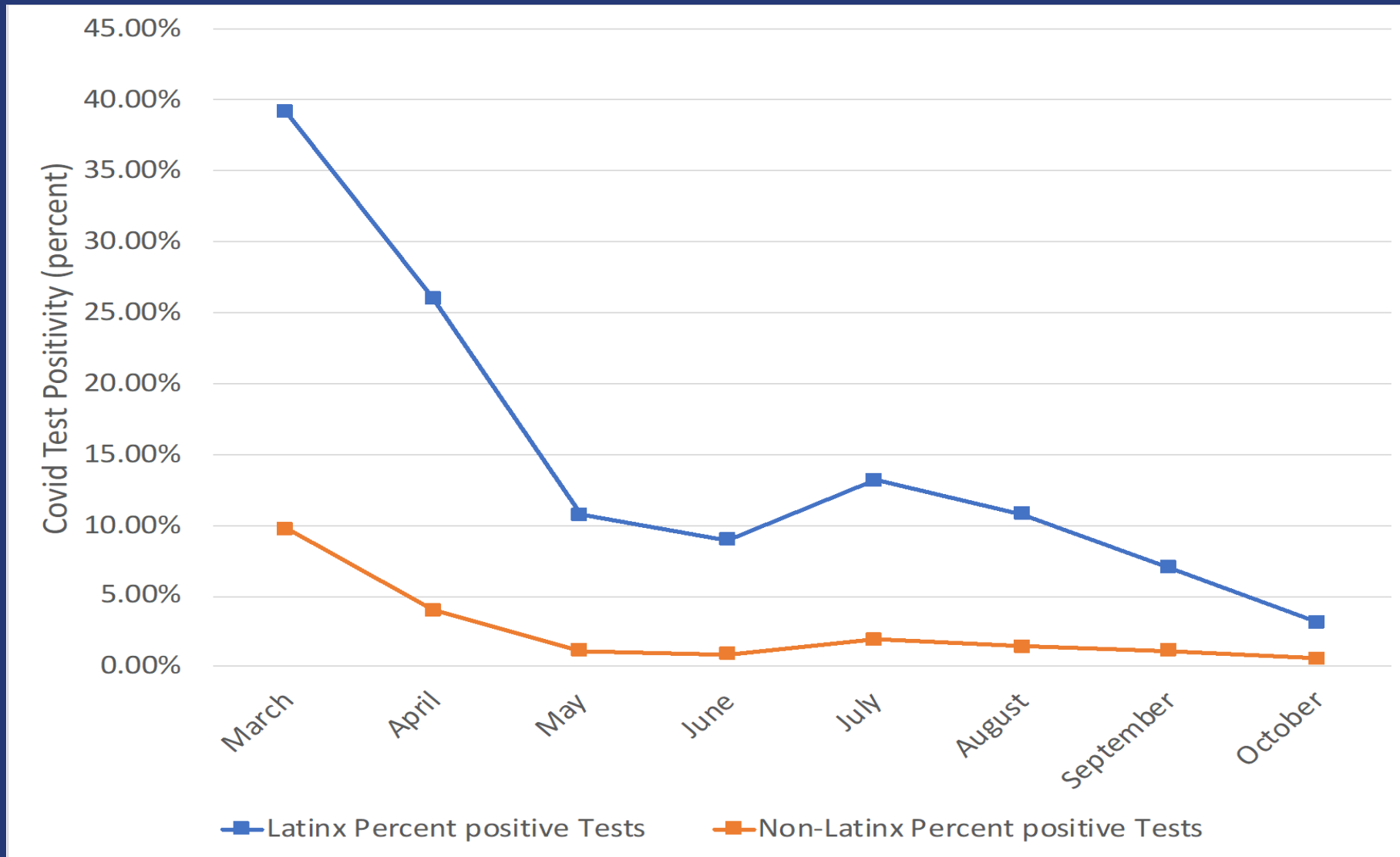
Effective Reproduction Number

Data through Oct 16th to estimate Re: **0.80**

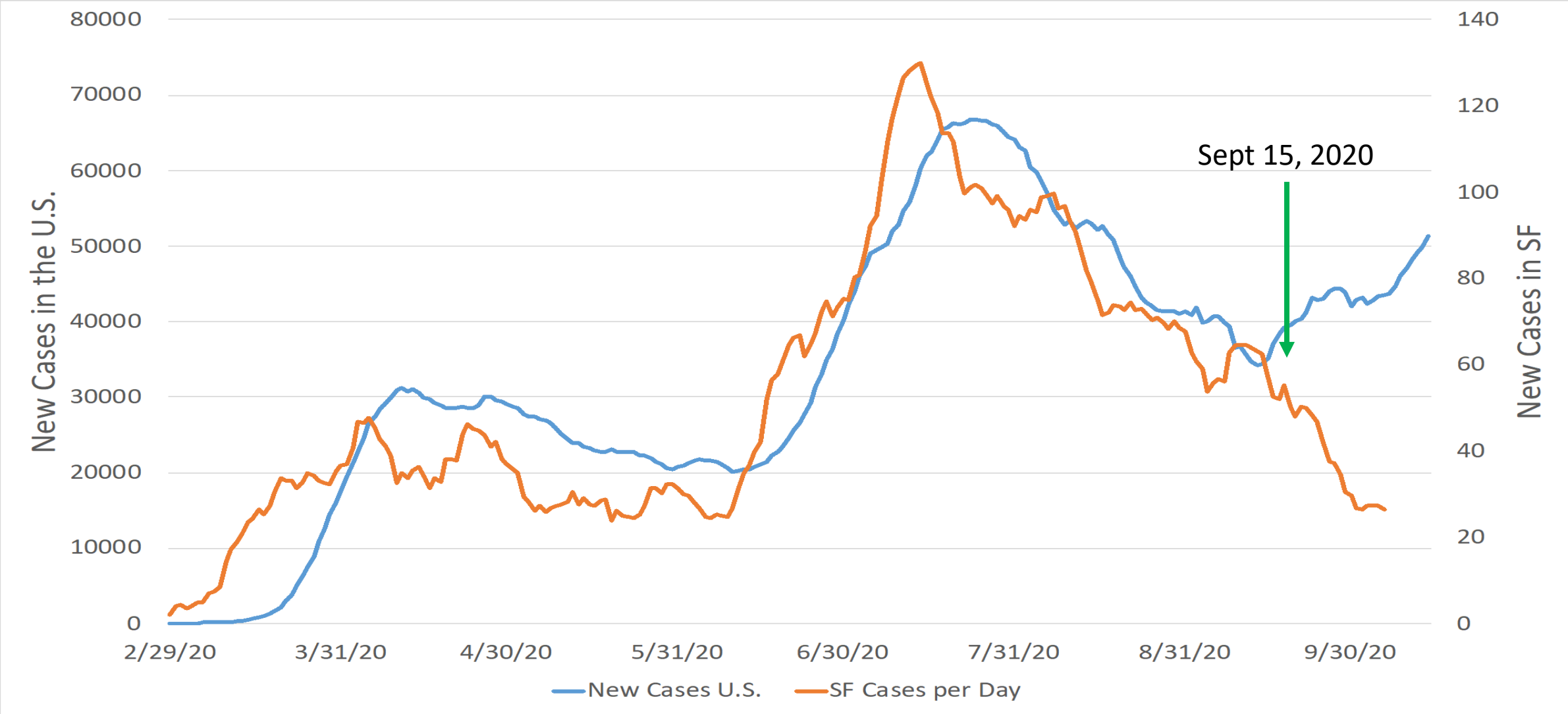


— Median ■ 5%-95% ■ 15%-85% ■ 25%-75%

Latinx COVID Test Positivity



San Francisco vs United States New COVID Cases



Reopening Highlights: October Goals



Industry	Goal Date	Limitations
Transit	10/20	Amendments and signage
Outdoor private gatherings	10/20	No food = ≤ 3 hours; ≤ 25 people With food = ≤ 3 hours; ≤ 6 people
“Non-essential” offices	10/27	25% capacity (telework still encouraged)
Gyms & Fitness centers	10/27	25% capacity, including fitness centers in hotels
Indoor climbing walls	10/27	25% capacity
Higher education	10/27	Outdoor classes = ≤ 25 people

Still TBD

The following are considered to be higher-risk activities. Each will be carefully assessed based on the City’s health indicators and the best available science.

Business, all with limited capacity

- Contact recreational sports, outdoors
- Swimming pools, indoors
- Bars, wineries, and breweries without food (outdoors and indoors)
- Convention and event centers
- Night clubs
- Performance spaces, indoors (theaters, concert halls, music venues)

Other activities

- Places of worship, indoors, with increased capacity
- Non-contact recreational sports with shared equipment, indoors



Summary

- New infections currently low in San Francisco and Bay Area
- Potential for new surge remains high:
 - Behavioral disinhibition (“letting our guard down”)
 - Continued re-opening
 - Holidays and corresponding regional and national travel
 - Weather changes
 - Continued lack of a national strategy
- What’s next? Preventing and preparing for a future surge
 - Double down on pillars of successful control
 - Augmenting containment and surveillance strategies