

What we know now: January 2021

- Adults are the primary drivers of COVID
- Kids extremely unlikely to have severe COVID disease
 - **16** COVID deaths during entire pandemic versus **16** influenza deaths during 6-month flu season among CA children (<18yo)
 - **225** deaths by suicide in <18yo (2017)

COVID-19

- 80% cases considered mild
 - ▶ “Current best estimate” of IFR from CDC for planning:
 - ▶ 0-19 years: 0.003%
 - ▶ 20-49 years: 0.02%
 - ▶ 50-69 years: 0.5%
 - ▶ 70-80 years: 5.4%

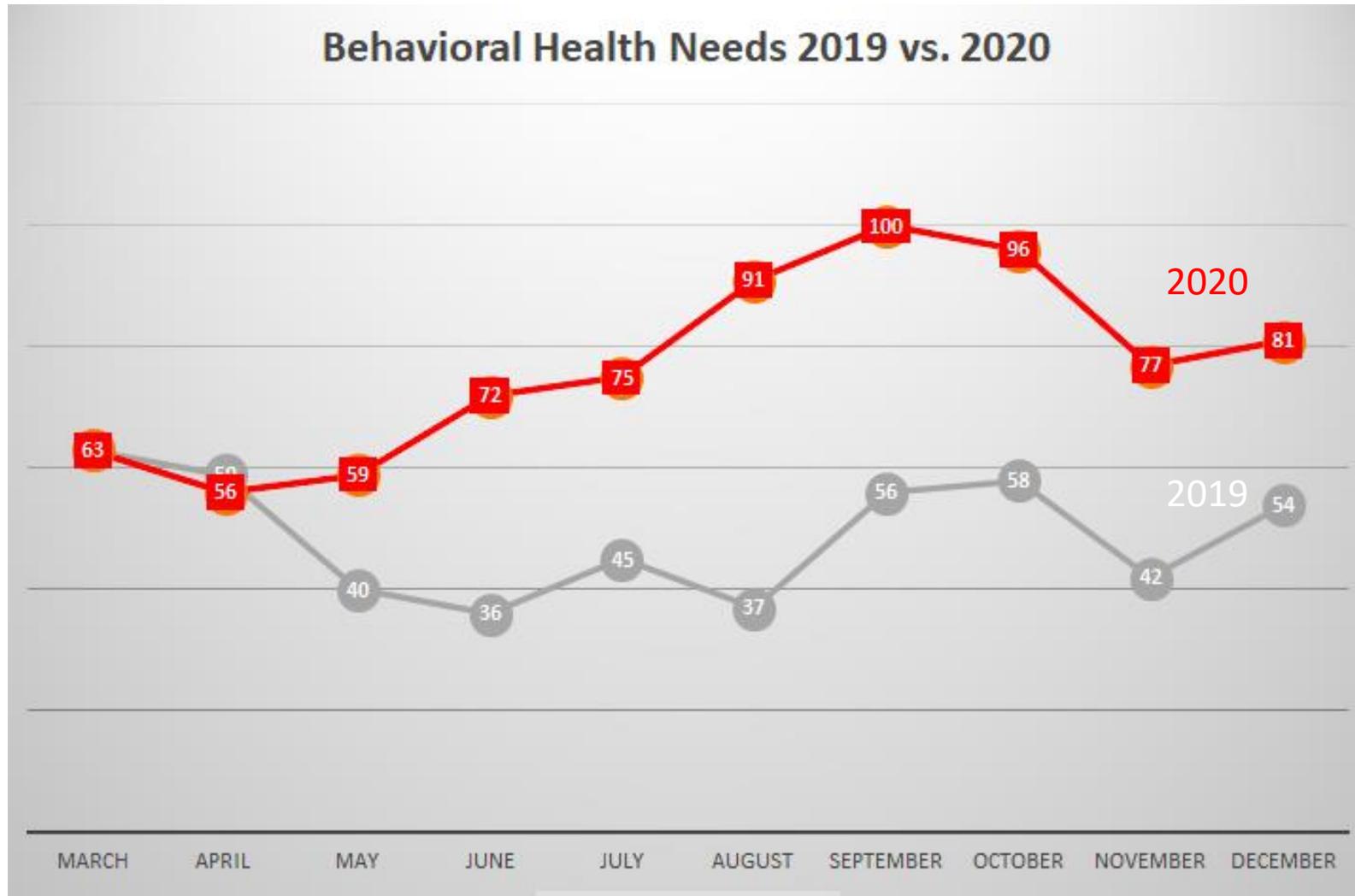
Suicide has always been a significant adolescent health risk

Table. Age-Specific Mortality Rates (per Million) for COVID-19 (March-October 2020) and Other Leading Causes of Death (March-October 2018)^a

Age, y	Causes of death ^b										
	COVID-19	Heart disease	Malignant neoplasms	Chronic lower respiratory disease	Unintentional injuries Transport accidents	Accidental drug overdoses	Intentional injuries Suicide	Homicide	Leading causes of infant deaths		
								Birth defects	Short gestation	SUID	
<1	7.4	51.6	8.6	2.9	15.5	1.6	0.0	46.7	773.7	682.2	603.4
1-4	1.0	4.8	13.1	2.0	17.5	0.3	0.0	15.6	15.9		
5-14	1.0	2.7	13.5	2.0	14.6	0.4	9.4	4.7	6.4		
15-24	9.9	13.8	20.9	2.8	108.3	66.1	97.0	72.1	5.5		
25-34	38.6	52.1	53.7	4.2	113.2	220.7	120.9	78.8	6.4		
35-44	109.9	169.1	172.0	10.1	93.8	234.0	128.1	54.7	7.2		
45-54	294.8	509.7	597.5	56.1	100.7	208.2	140.3	33.9	11.2		
55-64	683.3	1239.8	1802.4	285.8	105.0	161.2	139.8	23.7	17.8		

Age groups 5-14 & 15-24: 10x more likely to die from suicide than COVID

Increasing number of children requiring emergency mental health services, BCHO

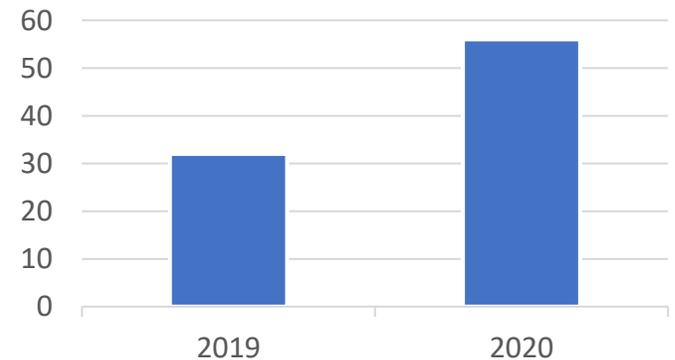


Mental health crisis is severe:

75% increase in children requiring immediate hospitalization for mental health needs

- 2019: 32% of children needing emergency mental health services required immediate hospitalization
- 2020: 56% of children needing emergency mental health services required immediate hospitalization

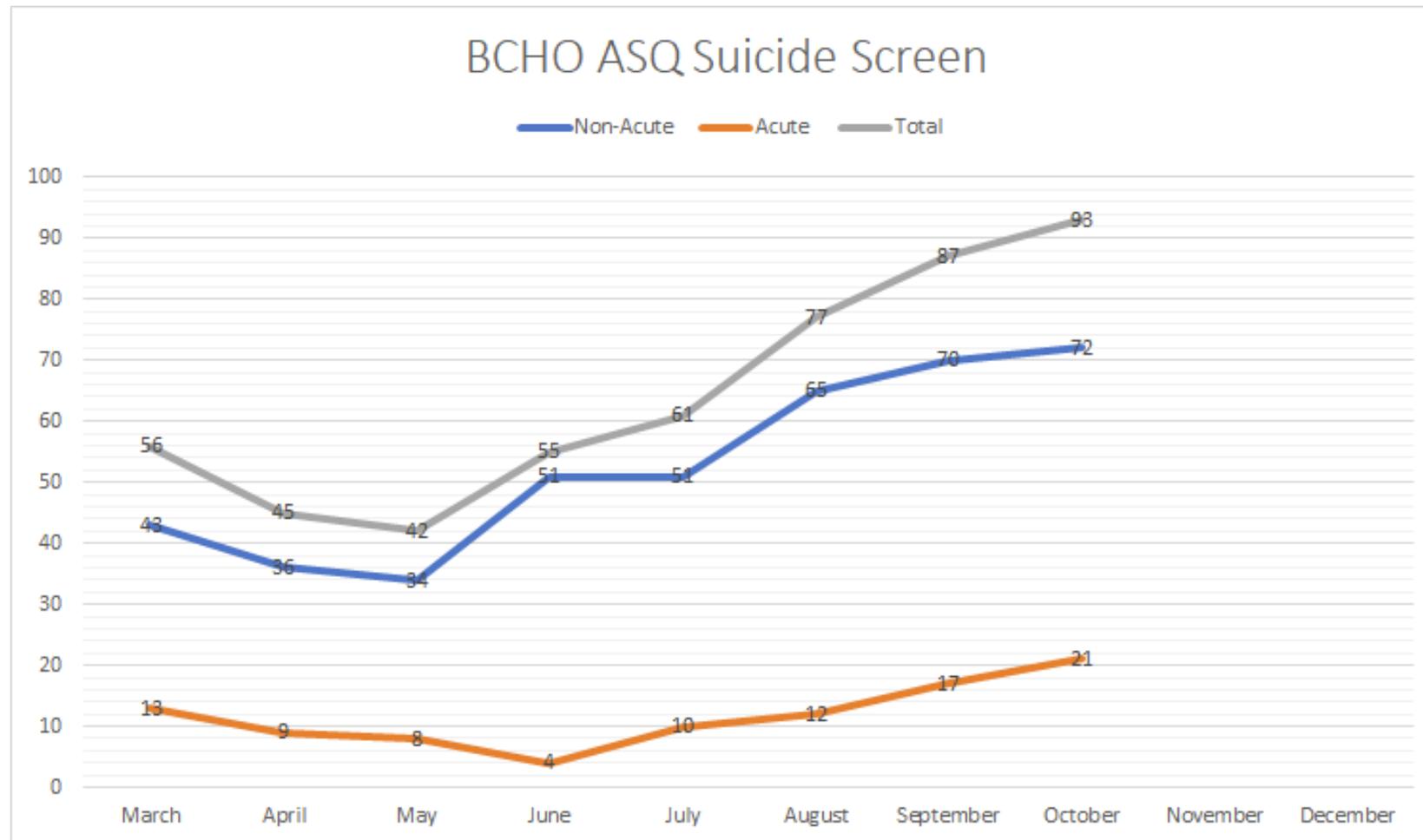
% Requiring Immediate Hospitalization



130% increase in number of children requiring hospitalization for eating disorders, BCHO

- Average daily census of adolescents hospitalized for eating disorders
 - 2019 = 3.2
 - 2020 = 7.4

Increasing numbers of suicidal adolescents ages 10-17, in Emergency Department, BCHO



January 2021: Highest proportion of suicidal adolescents on record

UCSF Benioff Children's Hospital San Francisco

- January 2020: 14% adolescents seen in ER with recent or active thoughts of suicide
- January 2021: 21% adolescents seen in ER with recent or active thoughts of suicide