

**S-1 Board of Supervisors Briefing  
Dr. Barbara Ferrer, Director  
Los Angeles County Department of Health  
Tuesday, July 27, 2021**



**covid19.lacounty.gov**

*7/27/2021*

# Current Status

## As of July 26, 2021

<b>Cases Reported Today</b>	<b>1,966</b>
<b>Total Cases</b>	<b>1,285,771</b>
<b>Total People Tested</b>	<b>7,261,769</b>
<b>Daily Test Positivity Rate</b>	<b>5.2%</b>
<b>7-Day Daily Average Case Rate*</b>	<b>17.3 cases/100,000</b>
<b>Currently Hospitalized</b>	<b>745</b>
<b>Deaths Reported Today</b>	<b>4</b>
<b>Total Deaths</b>	<b>24,631</b>

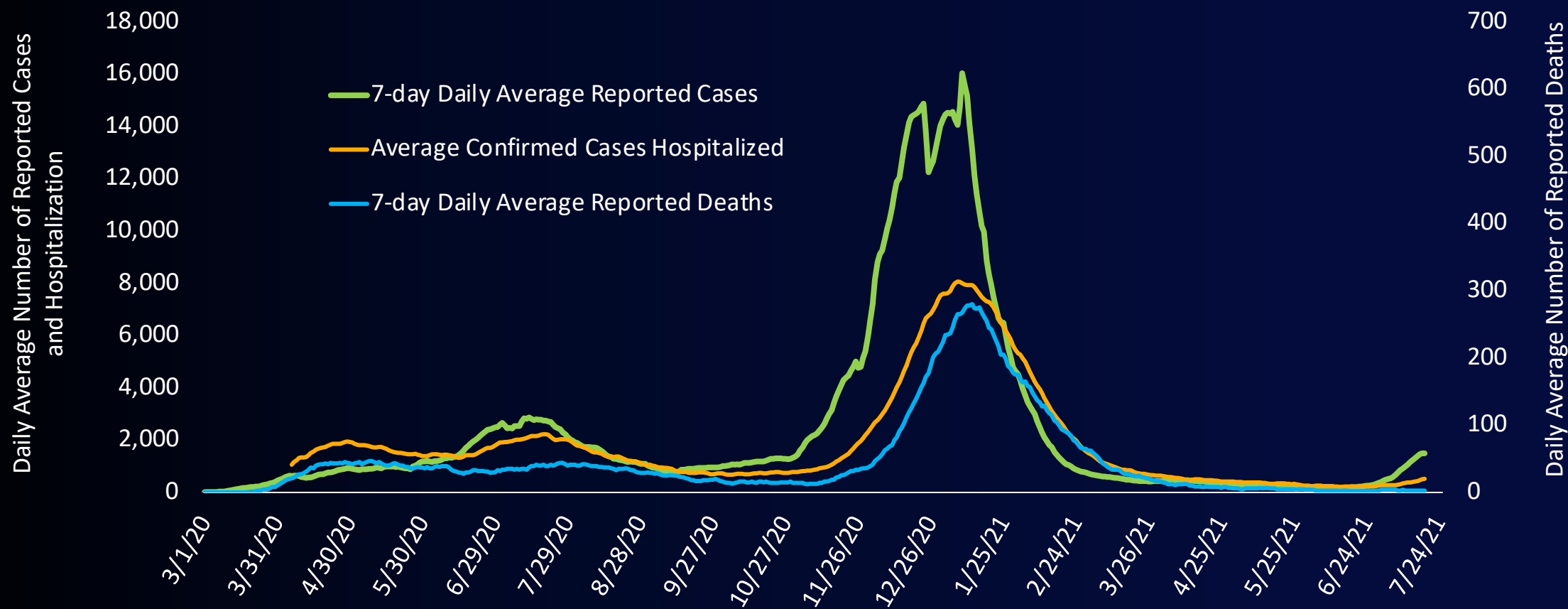
\*As of 7/25/21



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# Number of COVID-19 Cases and Hospitalizations by Episode Date and Deaths by Date of Death March 1, 2020 – July 25, 2021



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# Case, Hospitalization, and Death Rates per 100,000 People by Pediatric Age Group Over Two-Week Periods ending June 18 and July 18, 2021

Age Group	Case Incidence Rate		Hospitalization Rate		Death Rate	
	June 18	July 18	June 18	July 18	June 18	July 18
Age 0 – 4	17	89	0.8	1.7	0.00	0.00
Age 5 – 11	21	112	0.2	0.2	0.00	0.00
Age 12 – 17	25	137	0.8	1.1	0.00	0.00



# Case, Hospitalization, and Death Rates per 100,000 People by Adult Age Group Over Two-Week Periods ending June 18 and July 18, 2021

Age Group	Case Incidence Rate		Hospitalization Rate		Death Rate	
	June 18	July 18	June 18	July 18	June 18	July 18
Age 18 – 29	40	350	3.2	6.2	0.00	0.10
Age 30 – 49	33	247	5.4	12.6	0.04	0.10
Age 50 – 64	22	113	7.1	15.3	0.20	0.30
Age 65 - 79	19	65	8.8	15.2	0.60	0.80
Age 80+	17	49	12.7	27.0	2.10	2.10



# Age-Adjusted Case, Hospitalization, and Death Rates per 100,000 People by Race and Ethnicity Over Two-Week Periods ending June 19 and July 17, 2021

Race/Ethnicity	Case Incidence Rate		Hospitalization Rate		Death Rate	
	June 19	July 17	June 19	July 17	June 19	July 17
Black	52	↑ 309	10.5	↑ 23.4	0.8	↑ 1.1
Latinx	24	↑ 104	5.3	↑ 9.4	0.5	↑ 0.6
White	19	↑ 150	2.9	↑ 7.5	0.2	0.2
Asian	7	↑ 61	1.6	↑ 2.7	0.2	0.2



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# What's Different Now

Between June-July 2021:

- Case rates in age groups and racial/ethnic groups increased by **3 to 9 times** their baseline
- Hospitalization rates **doubled**
- Largest case rate increases by age group were in young adults

Between November-December 2020:

- Case rates **and hospitalization rates** increased 4-5 times their baseline
- Largest case rate increases by age group were in 65+



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# Communities with High 14-day Age Adjusted Case Rates As of July 17, 2021

Communities	Case Rates (per 100,000)
Los Angeles - Downtown	824
City of West Hollywood	638
City of Beverly Hills	488
Los Angeles - Venice	465
Los Angeles - Hollywood Hills	459
Los Angeles - Studio City	436





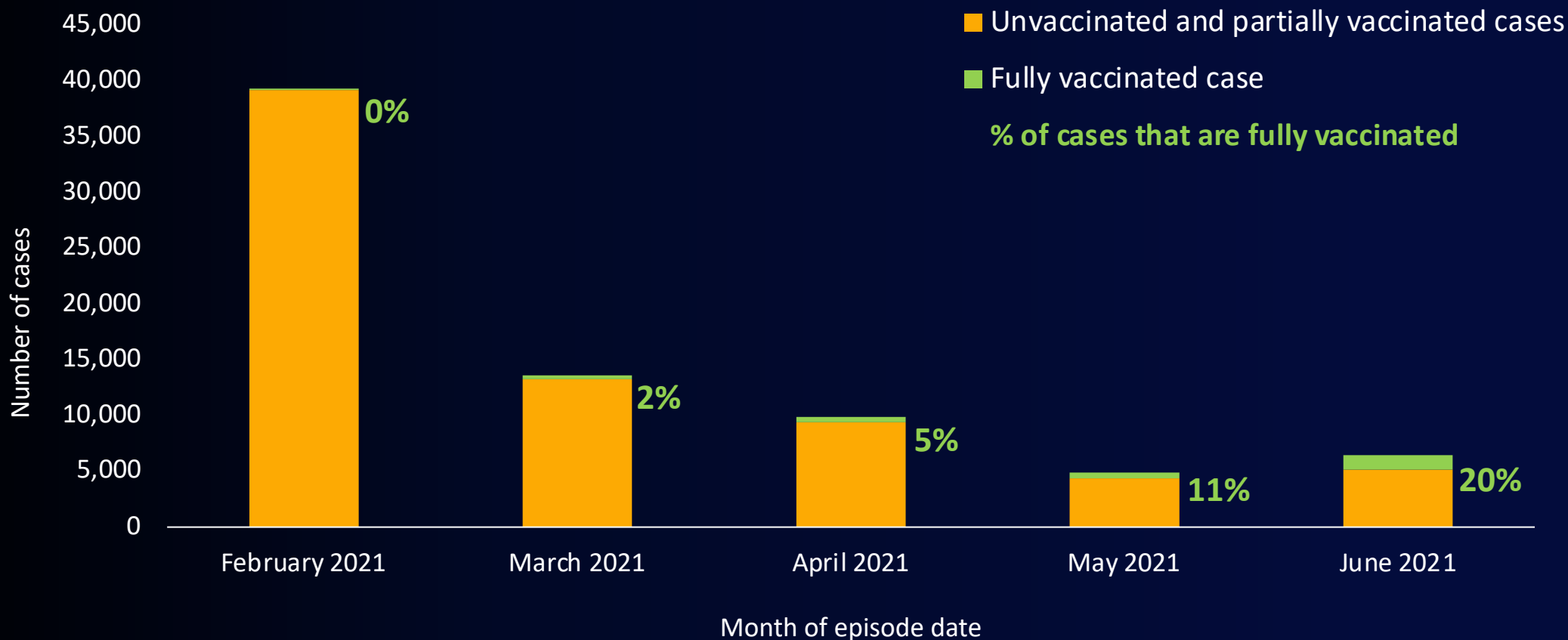
## Strategies to Focus Outreach Efforts in Newly Hard-Hit Areas

- Targeted outreach to encourage vaccinations and implementation of safety strategies (masking, infection control); targeted outreach for PEH
- Additional mobile teams at some large apartment complexes and businesses
- Targeted social media urging vaccinations and masking in hardest hit communities



# COVID-19 Cases Among LAC Residents 16+ by Month and Vaccination Status

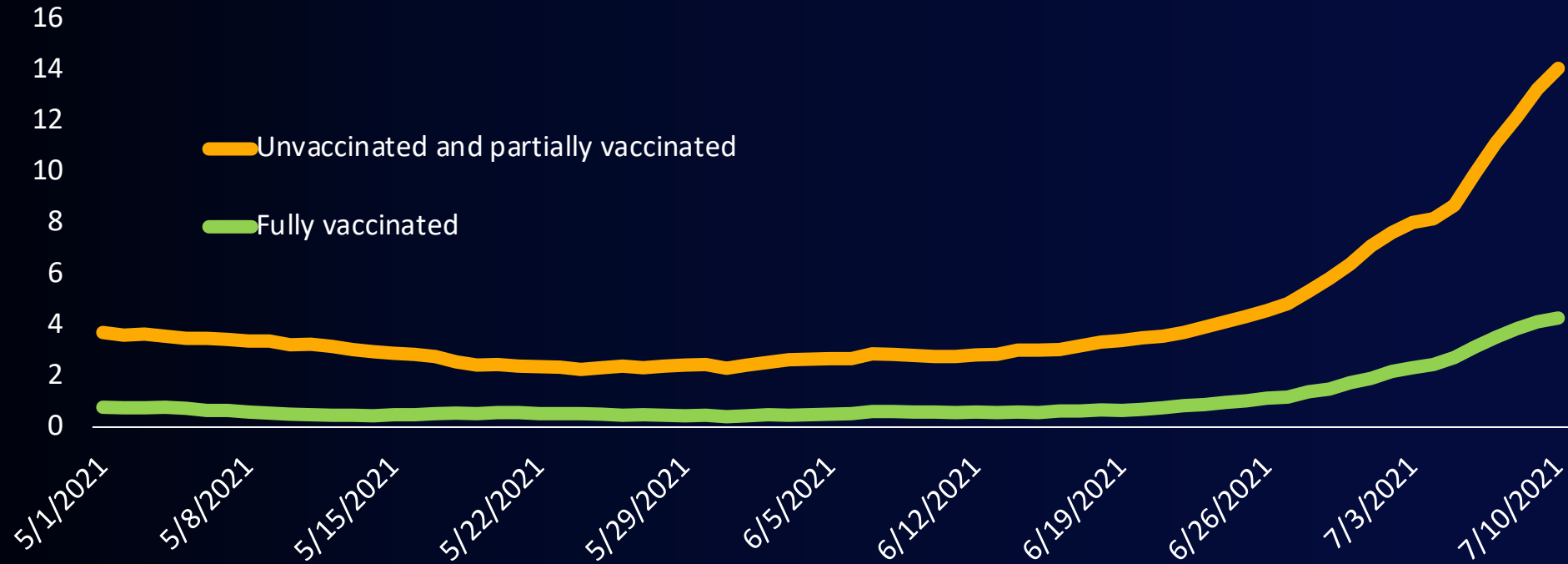
## February 1 – June 30, 2021



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# Case Rate\* per 100,000 for Los Angeles County Residents\*\* by Vaccination Status May 1 – July 10, 2021



\*Rolling 7-Day average daily crude case rate

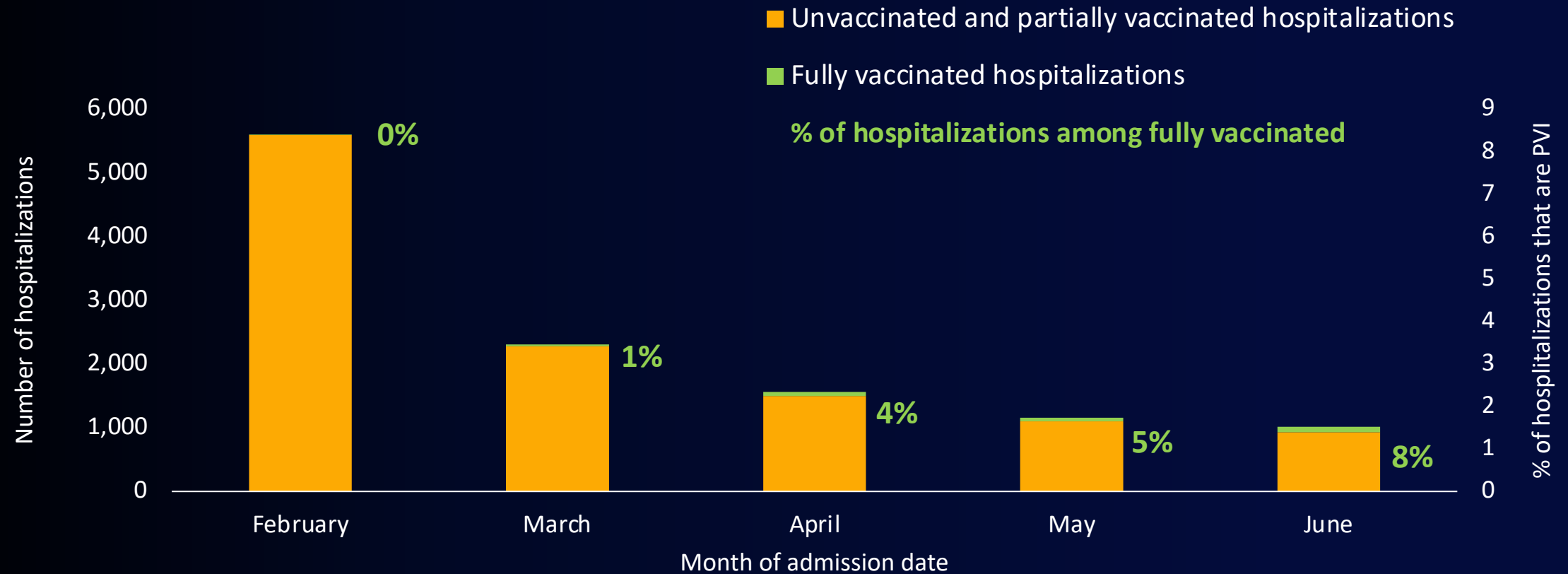
\*\*Excluding Long Beach and Pasadena



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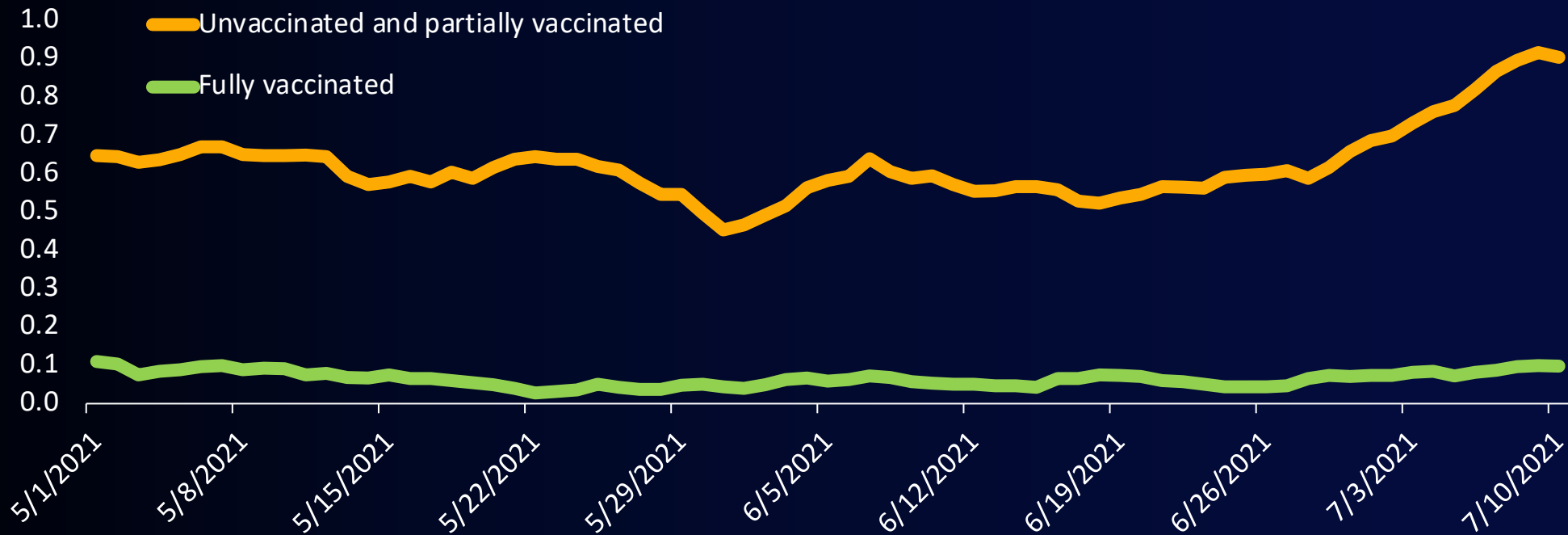
# COVID-19 Hospitalizations Among LAC Residents 16+ by Month and Vaccination Status February 1 – June 30, 2021



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# Hospitalization Rate\* per 100,000 for Los Angeles County Residents\*\* by Vaccination Status May 1 – July 10, 2021



\*Rolling 7-Day average daily crude case rate

\*\*Excluding Long Beach and Pasadena



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# Characteristics of Hospitalized COVID Cases 16+

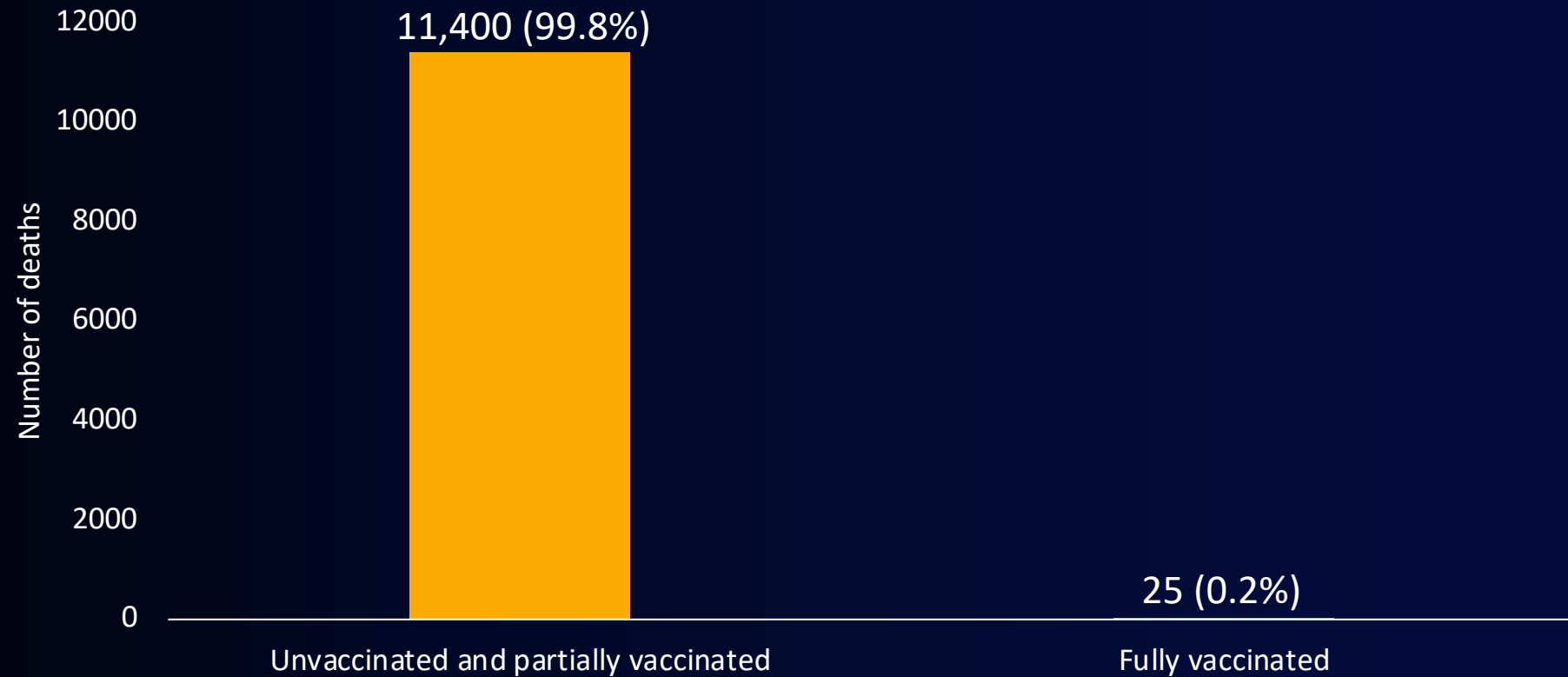
## May 1 – July 18, 2021

	Fully vaccinated hospitalized cases	Non-fully vaccinated hospitalized cases
ICU Admission	14.8%	20.2%
Intubated	3.8%	7.7%



# COVID-19 Deaths Among LAC Residents 16+ by Vaccination Status

## January 1 – June 30, 2021

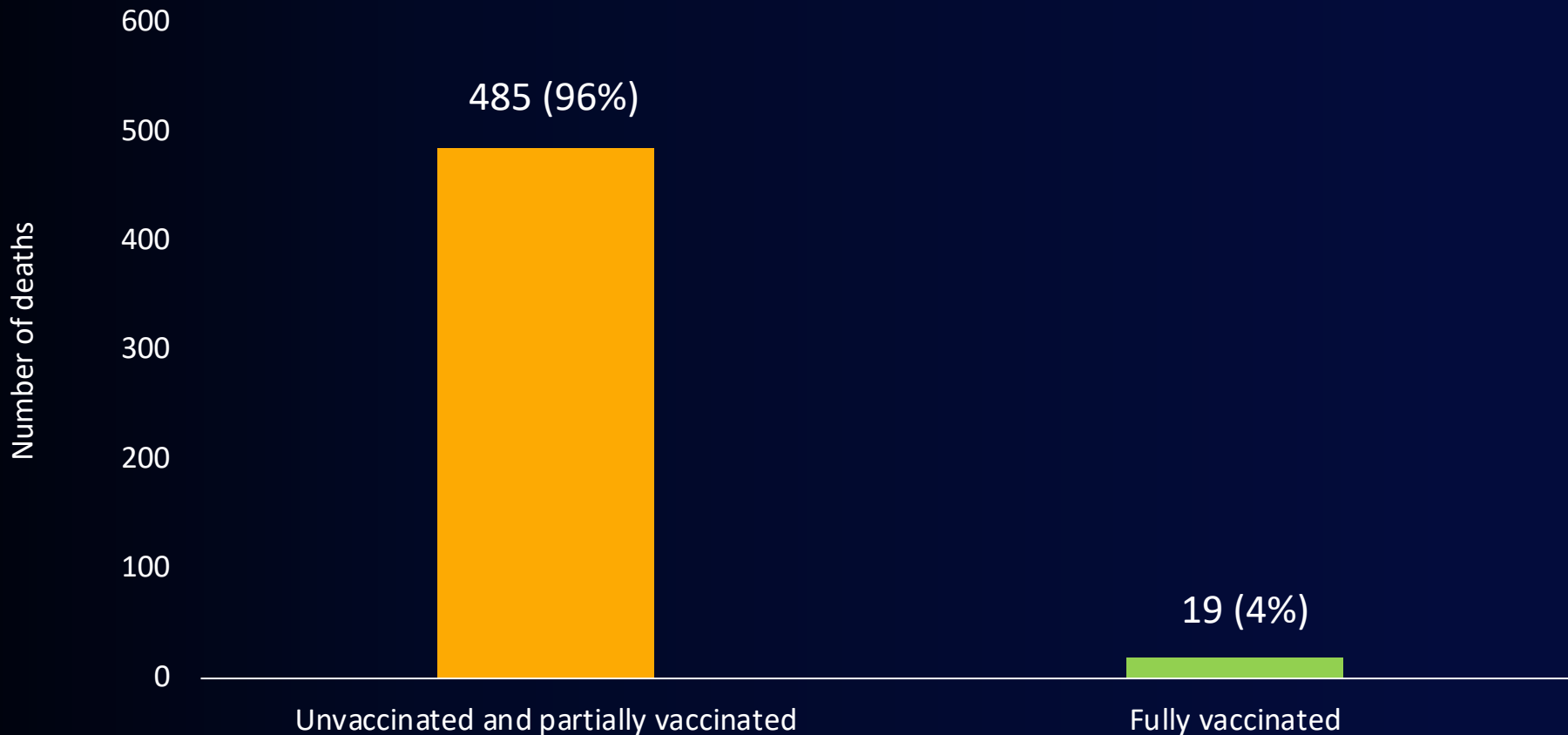


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# COVID-19 Deaths Among LAC Residents 16+ by Vaccination Status

## April 1 – June 30, 2021



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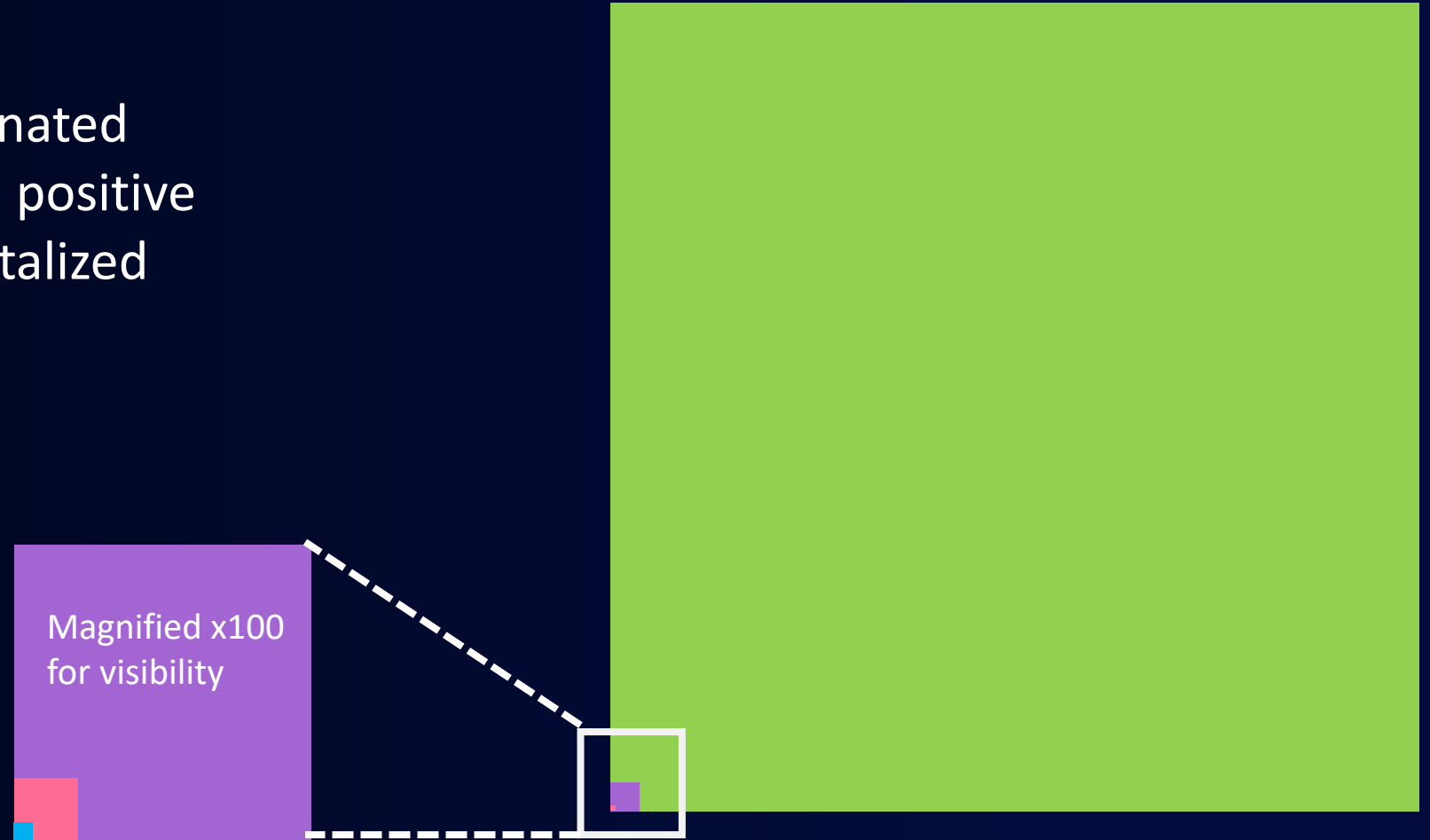
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# Covid Among Fully Vaccinated People in LAC

## As of July 20, 2021

- 4,855,839 fully vaccinated
- 6,530 (0.13%) tested positive
- 287 (0.0059%) hospitalized
- 30 (0.0006%) died



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# Post-Vaccination Infections by Vaccine Manufacturer

Vaccine Manufacturer	% of People Fully Vaccinated With Manufacturer's Product Who Got Infected
Johnson and Johnson	0.27%
Moderna	0.09%
Pfizer	0.15%



# Vaccine Effectiveness Against Delta Variant

- In U.K. study<sup>1</sup>, Pfizer vaccine effectiveness (VE) was lower against delta variants than against alpha variants
  - After 2 doses, VE was 88% vs. delta and 93.7% vs. alpha
  - After 1 dose, VE was 30.7% vs. delta and 48.7% vs. alpha
- In Israel, Pfizer VE was 93% against hospitalizations and severe illness during high-delta-circulation period (June-July, 2021)
  - VE was 64% against symptomatic infections and infections overall

<sup>1</sup> <https://www.nejm.org/doi/full/10.1056/NEJMoa2108891>



# COVID-19 Vaccinations Among LAC Residents 12+

## As of July 23, 2021

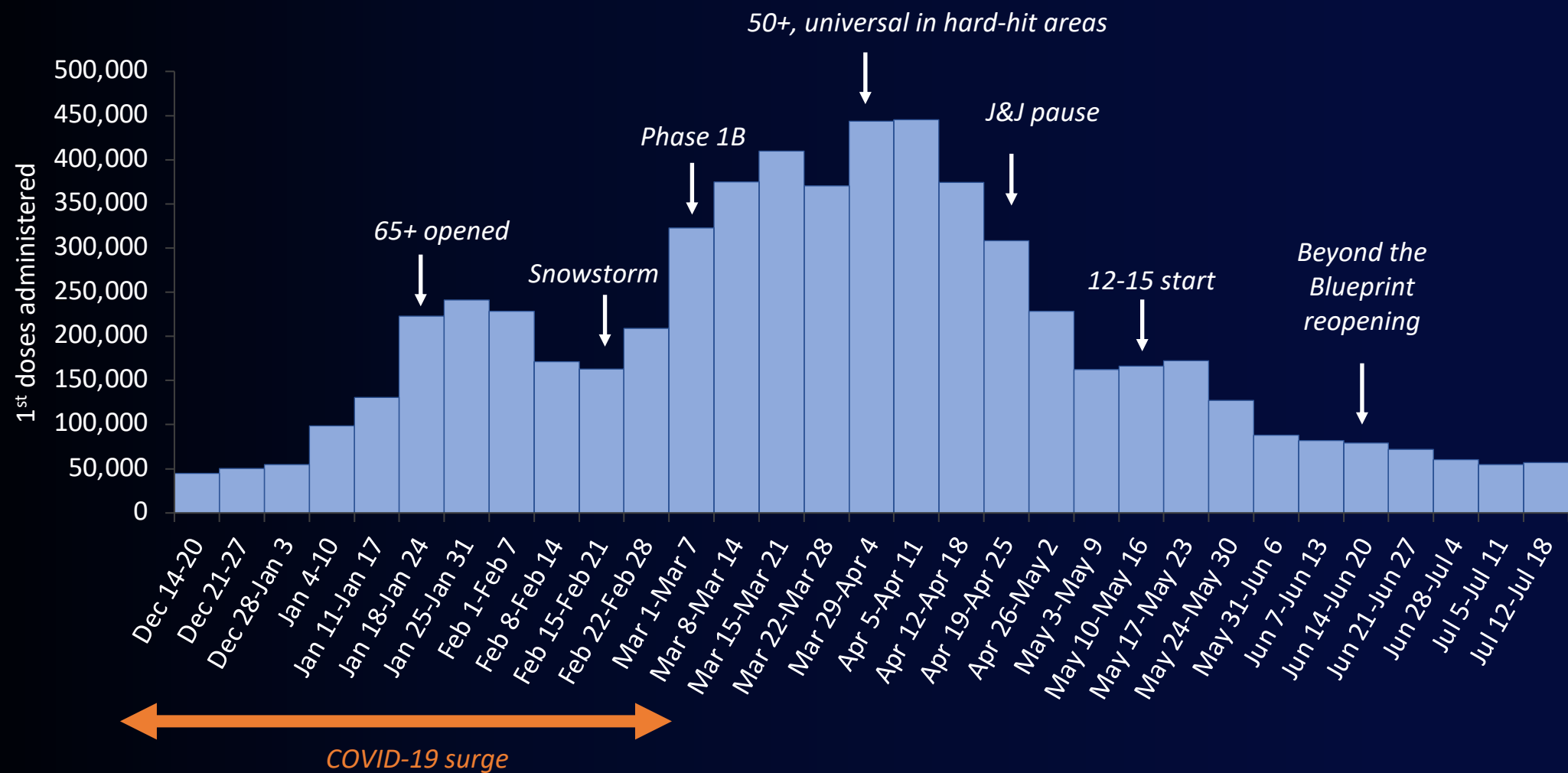
<b>Total Doses Administered</b>	10,963,254
<b>First Doses</b>	6,076,768
<b>Second Doses</b>	4,886,486
<b>LAC Residents with <math>\geq 1</math> Dose</b>	6,113,816
<b>LAC Residents Fully Vaccinated</b>	5,364,714



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# First Doses Administered Weekly Among All Eligible Persons



# Where Can We Close Vaccination Gaps?

## Percent of LA County Residents With 1 Dose of Vaccine by Age and Race/Ethnicity as of July 18th, 2021

	12-15	16-17	18-29	30-49	50-64	65-79	80+	Total (in 16+s)
Black/African American	22	29	29	40	54	69	62	46%
Latinx	31	44	44	52	67	81	61	55%
American Indian/Alaska Native*	47	55	62	69	59	70	66	64%
White	48	60	60	64	62	83	73	66%
Asian	74	83	77	74	75	85	68	77%
<b>Total</b>	<b>43%</b>	<b>57%</b>	<b>58%</b>	<b>67%</b>	<b>75%</b>	<b>92%</b>	<b>78%</b>	

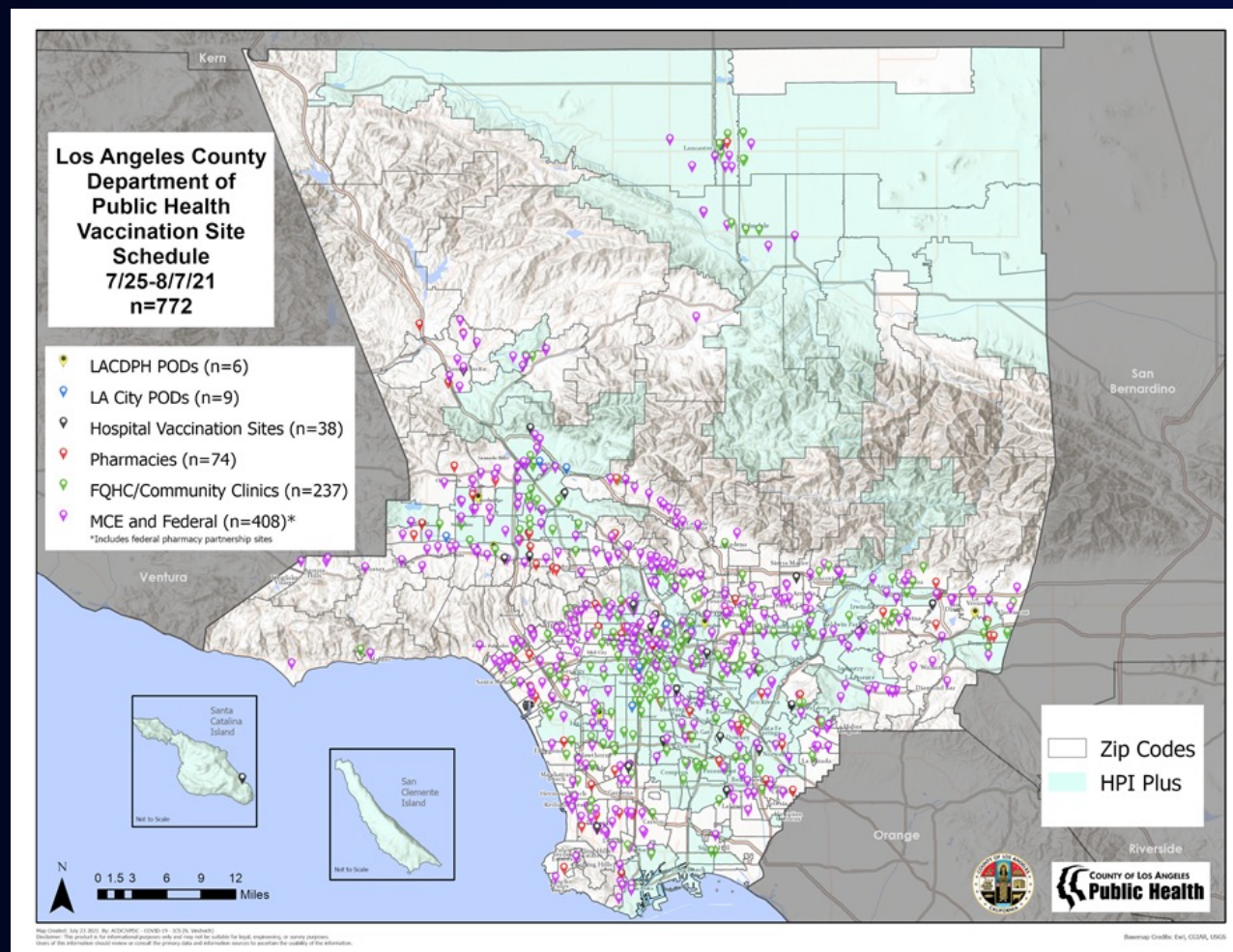
\*Likely an overestimate due to inclusion of multiracial people



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# Vaccination Sites in LA County

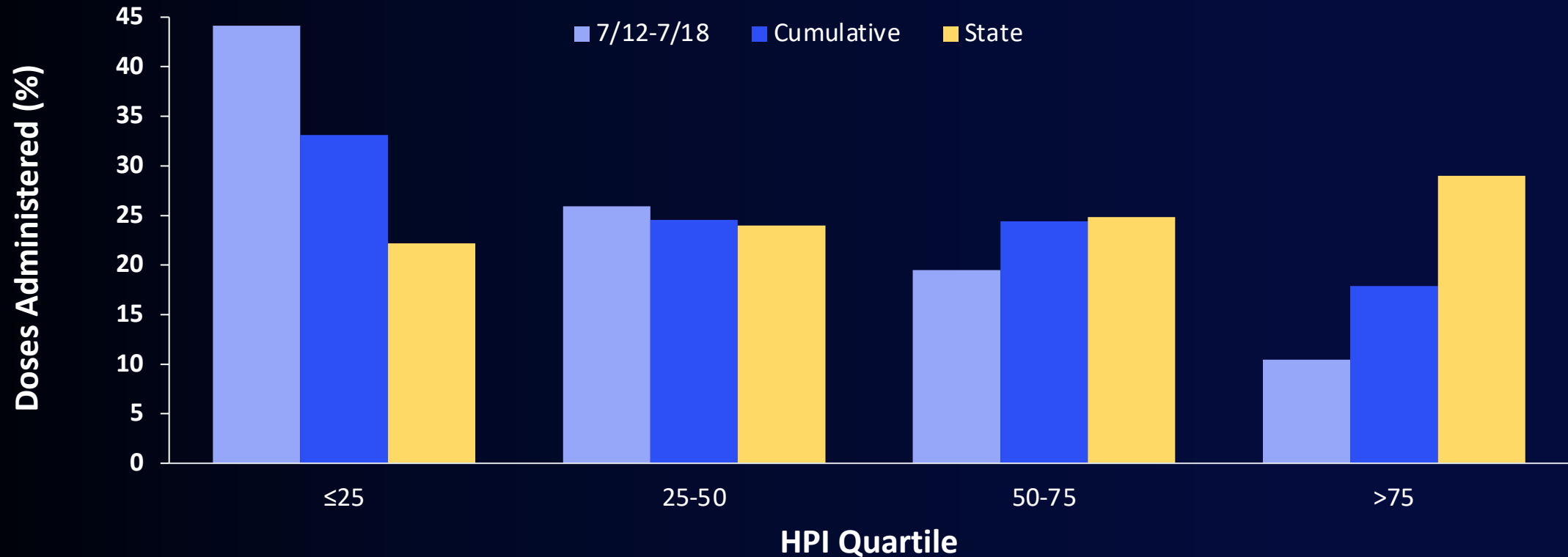


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# Doses Administered to People Living in Vulnerable Communities

## As of July 18, 2021





# Compliance with Indoor Masking HOO

## July 17-23, 2021

Business Sector	# visited	% in compliance with mask requirements
Restaurants	1013	91-94%
Bars	9	78-100%
Food Markets	222	94-97%
Hotel	22	91-100%
Gyms/Fitness Centers	5	20-80%
Hair Salons/Barbershops	11	91-100%
Food Manufacturing Plants	38	82-97%
Personal Care	25	96-100%
Shopping Malls	10	100%



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# New State Health Officer Order

- Requires all acute health care and long-term care settings, high-risk congregate settings (jails, homeless shelters, adult and senior care facilities), and other healthcare settings to **verify the vaccination status of workers**
- For unvaccinated or partially vaccinated workers:
  - Facilities must provide respirators upon request
  - Facilities recommend respirator use **in patient care areas** and patient/resident access areas
  - In all other areas and facilities, workers must wear **surgical masks indoors** wherever they are working with another person
  - Workers must be tested
    - at least **twice weekly** (in acute health care, SNFs and ICFs)
    - at least **once weekly** (in high-risk congregate settings and all other healthcare settings)



# Masking and Vaccinating Our Residents



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