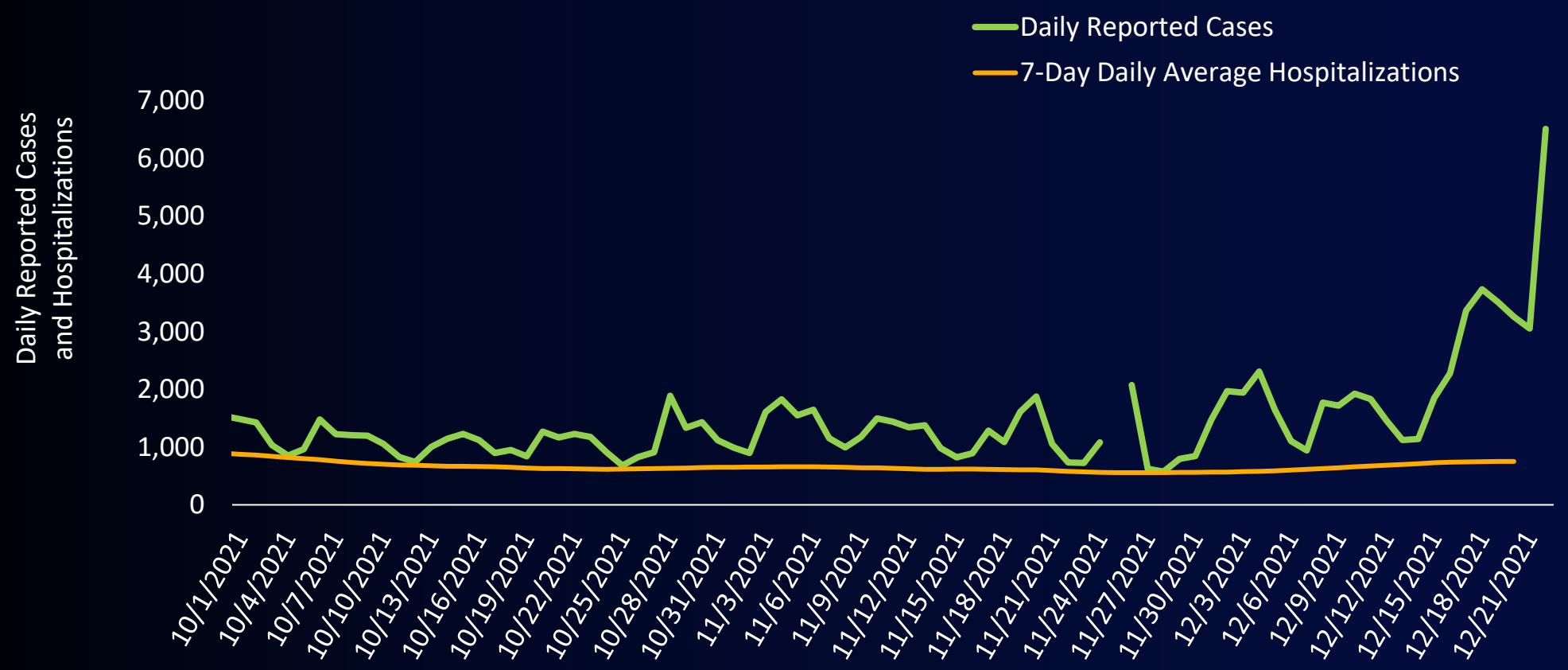
Current Status

Deaths Reported Today	16
Total Deaths	27,488
Cases Reported Today	6,509
Total Sequenced Omicron Cases	264
Total Cases	1,576,702
Total People Tested	9,854,776
Daily Test Positivity Rate	4.5%
7-Day Daily Average Case Rate*	29
7-Day Cumulative Case Rate (per CDC)	189
Currently Hospitalized	748

*As of 12/19/21

Daily COVID-19 Cases and Hospitalizations by Report Date
October 1st – December 22nd, 2021



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Emerging Science on Omicron

Immunity from past Covid infection does not prevent Omicron infections well

- In a U.K. study, risk of reinfection with Omicron 5x risk of reinfection with other variants

mRNA Vaccines + boosters are effective at preventing Omicron infection and hospitalization

- In a South African study, 2 doses Pfizer vaccine had 34% effectiveness at preventing Omicron *infection*; booster raised effectiveness to 75%
- In another South African study, 2 doses Pfizer vaccine had 70% effectiveness at preventing Omicron *hospitalizations*

Early U.K. data suggests Omicron infections more often results in mild illness

- We have not yet seen how Omicron behaves among large numbers of unvaccinated and high-risk people

Announcements from the State

Boosters will be required for all healthcare workers, including workers in health care facilities and those providing in-home healthcare services

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Test kits will be distributed to K-12 students to facilitate testing upon return to schools

Managing a Winter Surge

Priority #1: Protect those most vulnerable to severe illness from COVID (including residents at SNFs and PEH settings)

Priority #2: Ensure hospital system is not overwhelmed

Steps LA County is Taking to Address the Omicron Threat

- Aligning LAC HOO with state requirement for workers at health care facilities to be up-to-date on COVID vaccinations, including booster doses by February 1
- Strong recommendation for workers to use higher grade masks (surgical or respirators) at locations/worksites where they are in close contact with other workers or the public
- Distributing 600,000 rapid tests to hardest-hit residents
- Redoubling efforts to vaccinate and boost: County sites will only close on Christmas Day
- Protecting residents in long term care facilities and nursing homes
  - Weekly testing for SNF residents and staff; negative PCR/rapid test for visitors at SNFs
  - Rapid testing resources at LTCFs and SNFs
- Extending resources to people experiencing homelessness
  - Increased testing and vaccinations
  - PPE at shelters

Steps LA County is Taking to Address the Omicron Threat

Increased communication with residents about how to stay safe over the holidays

- Town halls and community workshops
- Alerts to clergy and parents of children
- Postings on media platforms urging safety and testing at holiday gatherings

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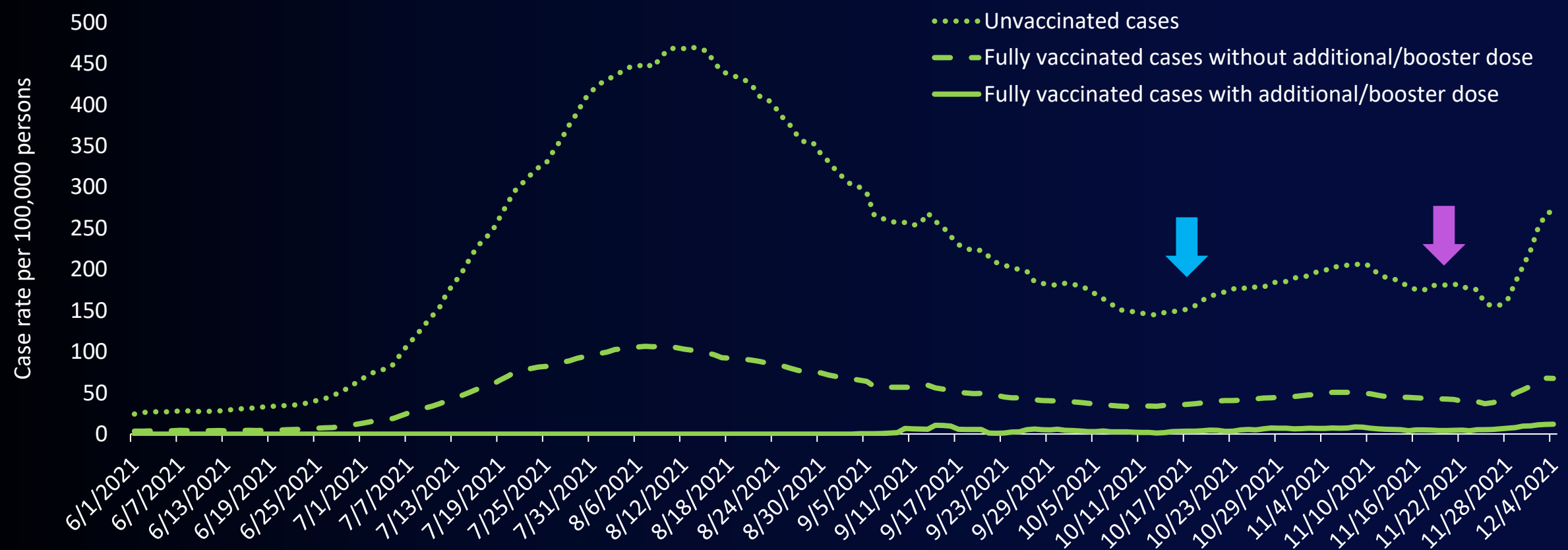
12/22/2021

7-Day Cumulative Age-Adjusted Case Rates per 100,000 by Vaccination Status, including Additional/Booster Dose*
June 1st – December 11th, 2021



*Excludes partially vaccinated (3% of cases)

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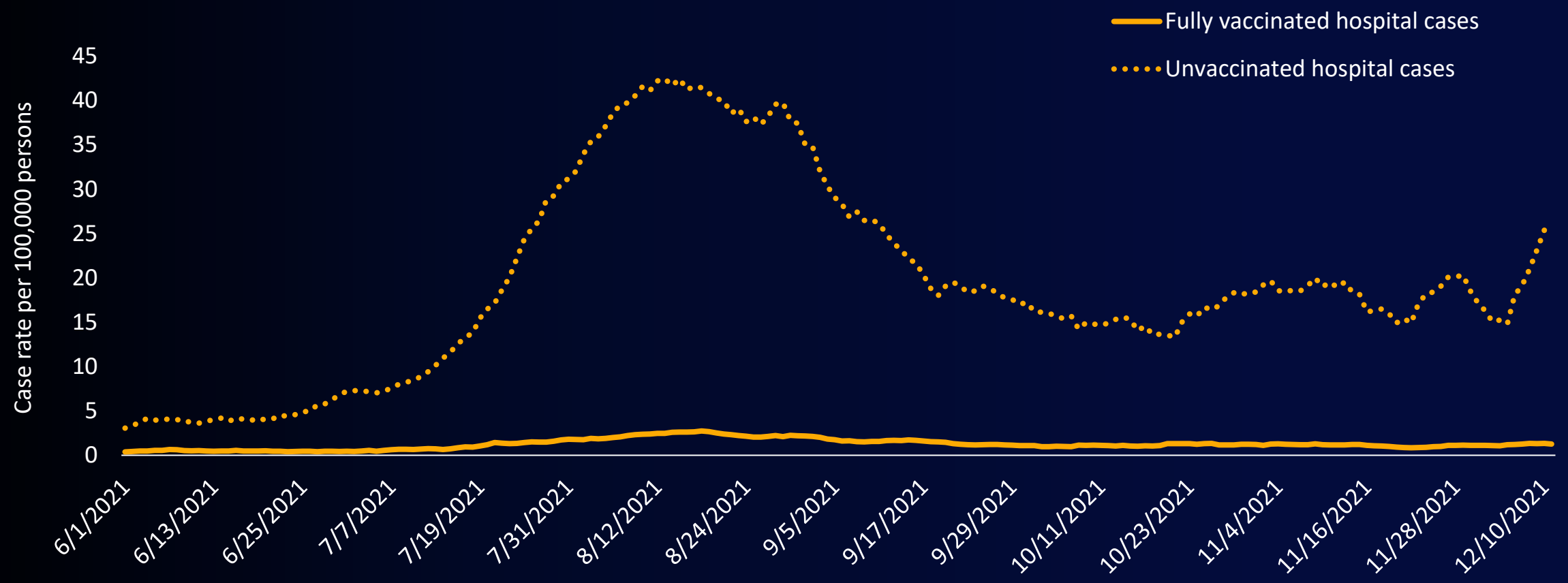
12/22/2021

7-Day Cumulative Age-Adjusted Rates per 100,000 by Vaccination Status*
June 1st – December 11th, 2021



*Excludes partially vaccinated (3% of cases)

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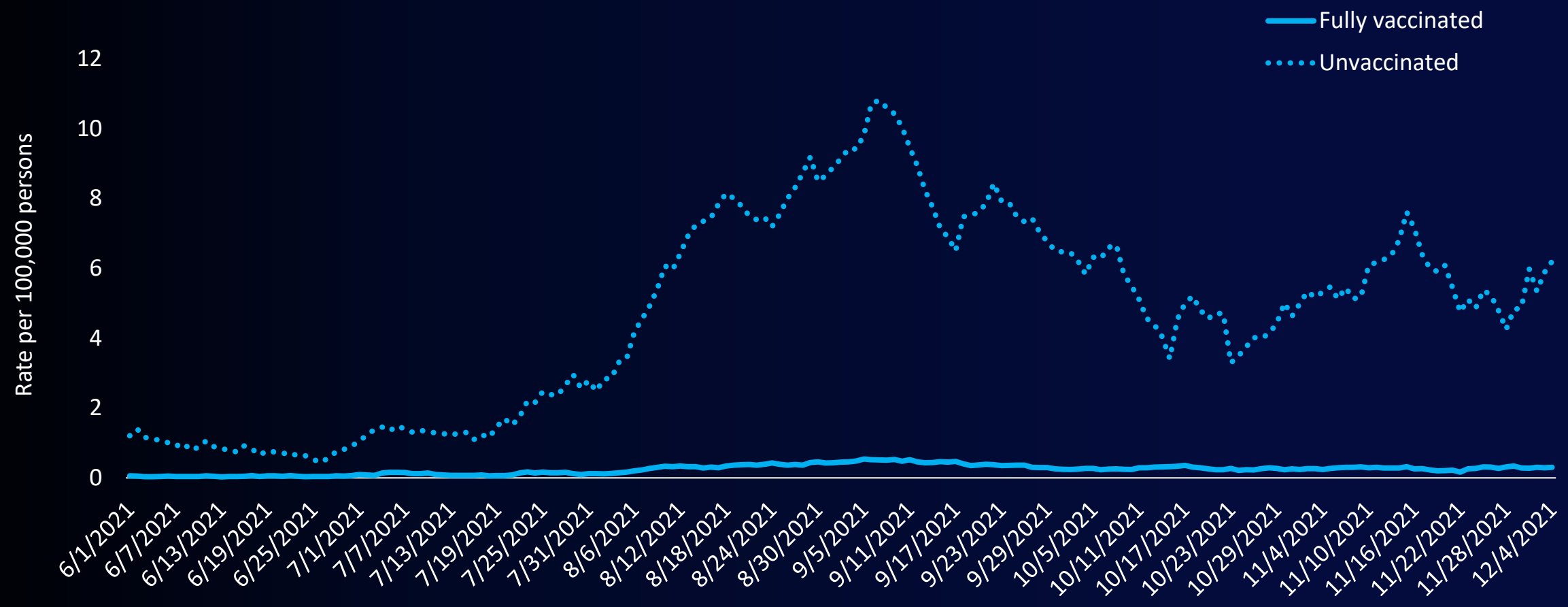
12/22/2021

7-Day Cumulative Age-Adjusted Death Rates per 100,000 by Vaccination Status*
June 1st – December 4th, 2021



*Excludes partially vaccinated (3% of deaths)

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Rate Ratios Quantify the Risk of Two Groups Relative to Each Other

	Groups Being Compared
	Unvaccinated
	to
December 5th-11th, 2021	Fully vaccinated
Cases	5
Hospitalizations	21
Deaths	18

Where Can We Close Vaccination Gaps?
Percent of LA County Residents With 1 Dose of Vaccine by Age and Race/Ethnicity as of December 19th, 2021

	5-11	12-17	18-29	30-49	50-64	65+	Entire racial/ethnic group[2]
Black/African American	11	51	46	59	67	76	56%
Latinx	10	66	60	65	77	87	62%
American Indian/Alaska Native[1]	31	88	87	91	71	79	79%
White	30	75	75	77	72	89	75%
Asian	40	94	91	84	84	90	84%
Entire age group[3]	21%	80%	77%	82%	86%	97%	78%

[1]Likely an overestimate due to inclusion of multiracial people
[2]LAC residents 5 and older (including Long Beach and Pasadena)
[3]Subgroup data for NHOPI, multiracial, other, and unknown categories included in overall count but not displayed due to likely inaccurate estimates

Hospitalizations and Vaccinations by Racial and Ethnic Group
Late November/Early December, 2021

	Hospitalization Rate* (per 100,000)	% Fully Vaccinated
Black	7.2	50
Latinx	6.4	53
White	4.7	67
Asian	2.3	76

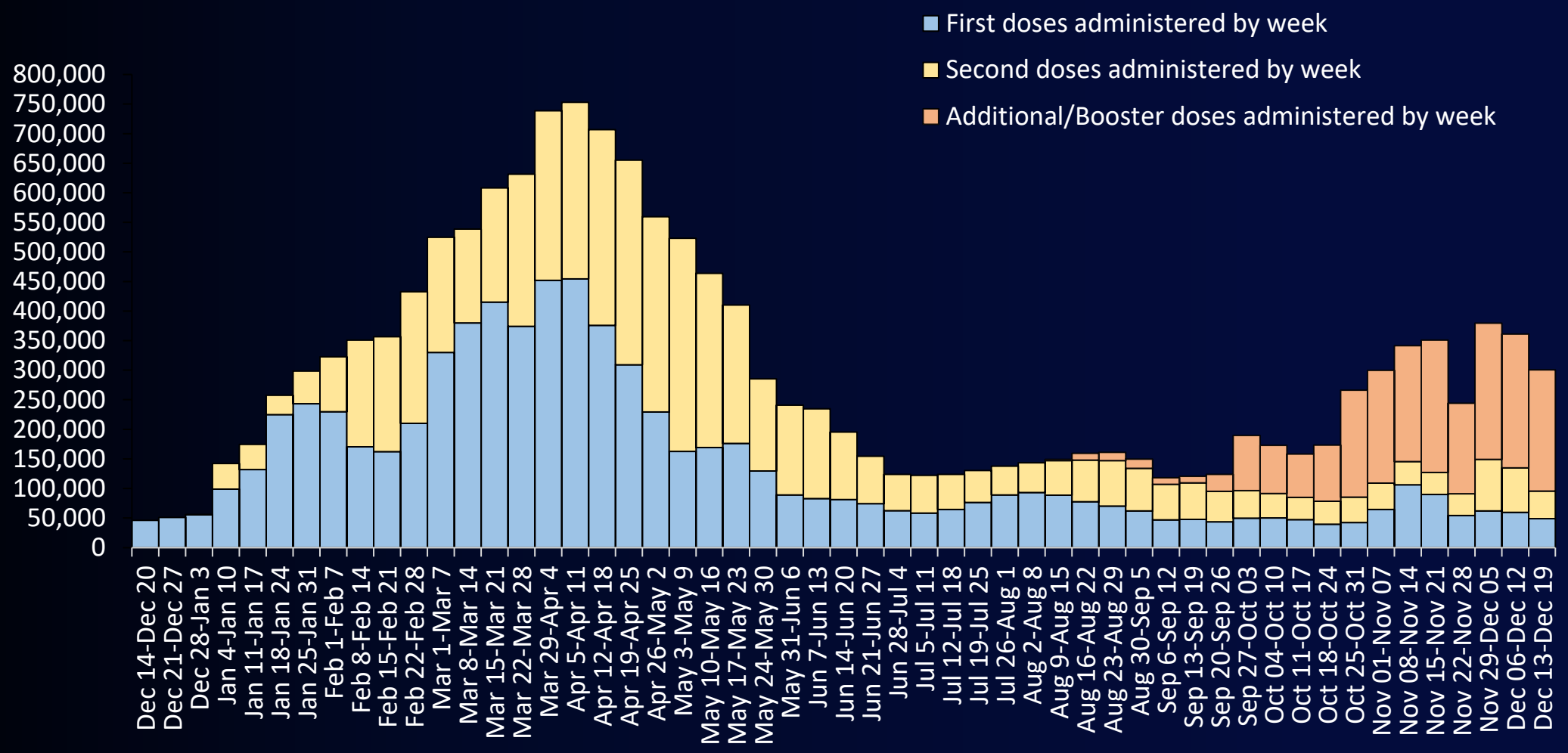
*14-day cumulative rate from November 28-December 11, 2021
**Percentage of LAC residents 5+ years of age fully vaccinated by 11/27/2021 (excluding Long Beach and Pasadena residents)

Proportion of LAC Residents Vaccinated by Age Group as of December 19th, 2021

	≥1 Dose	Fully Vaccinated
% LAC Residents 65+	97%	88%
% LAC Residents 5-11	21%	13%
% LAC Residents 12-17	80%	71%
% LAC Residents 12+	84%	76%
% LAC Residents 5+	78%	70%
% of 10.3 million LAC residents	74%	66%

2,123,372 LAC residents have received additional/booster doses

Vaccine Doses Administered Weekly Among All Eligible Persons



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12/22/2021

Keeping Each Other Safe Over the Holidays

Get vaccinated and boosted

Test before gathering, before/after travel, if exposed, if sick

Mask up
(with a well-fitting surgical mask or respirator)

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12/22/2021