



SURGE CENTERS: THE TOP 10 L.A. COUNTY NEIGHBORHOODS AT GREATEST RISK AS COVID INFECTIONS RISE



As the highly contagious Delta variant of the coronavirus continues to spread across the United States, accounting for **more than half** of new cases, public health experts are issuing fresh warnings that states and local communities with large unvaccinated populations will see surges in new infections and hospitalizations without immediate action.

In Los Angeles County, where roughly **4 million residents** have yet to receive a single dose of the vaccine, a sharp rise in cases in recent weeks has underscored how quickly a new outbreak can take hold. Rates of new infections have more than doubled in L.A. County, and hospitalizations have risen 30 percent. Specifically, the Delta variant has been linked to **245 cases** in L.A. County, and 14 cases caused by the more transmissible variant were traced to just one household.

The situation is especially dire for Black residents, whose hospitalization rate has increased 11 percent while it has decreased for Asian American residents, Latino residents and white residents.

Amid this sudden spike in infections, one of the central questions for local officials is where, exactly, they should focus their resources in an effort to reach the most vulnerable. The challenge is reaching the highest-risk residents — those with an underlying health conditions, for example — who remain unvaccinated. But while the county's data tracks the size of the unvaccinated population by city, which is important information in its own right, it does not go the extra step of matching that information with the number of high-risk individuals living in each city.

To address this gap in the data and create a unique risk profile for each city in L.A. County, we combined anonymized health records from California health insurers with publicly available data. Our analysis ranks the 10 neighborhoods facing the greatest risk when taking into account both the size of the unvaccinated population and the number of high-risk individuals.

THE TOP 10 NEIGHBORHOODS AT GREATEST RISK

	City Name	Zip Code	% High-Risk	% Unvaccinated	% Minority
1	Palmdale	93591	26%	61%	73%
2	Inglewood	90305	32%	50%	97%
3	Malibu	90265, 90263	29%	53%	23%
4	Lancaster	93534	27%	57%	71%
5	Los Angeles	90067, 90047, 90008, 90056, 90077, 90043	31%	49%	90%
6	Glendale	91205, 91207, 91206, 91201	29%	50%	35%
7	San Pedro	90732	34%	44%	52%
8	Beverly Hills	90210	39%	24%	17%
9	Littlerock	93543	26%	60%	75%
10	Carson	90746	31%	46%	94%