

# Stranded by Transit Cuts: Los Angeles

As the coronavirus batters public finances, transit agencies are implementing or proposing the deepest service cuts in a generation. While public transportation received relief funding in the federal CARES Act, this aid has been nearly exhausted in major cities as the crisis stretches on.

Agencies across the U.S. are warning of service cuts as deep as 40%. What would the impact of those cuts be in a region like Los Angeles? An analysis using the Center for Neighborhood Technology's AllTransit tool suggests they would be deep and profound.

## The Impact on the Los Angeles Region

Public transportation that runs frequently is key to economic mobility. But in the Los Angeles region, large numbers of people and jobs who benefit from access to frequent full-day service today would lose that service. 934,936 people would lose access to frequent full-day transit; businesses would suffer as 259,228 jobs currently near frequent full-day transit lose that access.

- The impact would fall heavily on Black residents and people of color. One-fifth of people losing access to frequent full-day transit would be Black residents, and almost 9 out of 10 non-white or Hispanic.
- Second- and third-shift workers who rely on transit would face even more difficult commutes. 7,965 commuters who leave home between midnight and 5 am would lose access to service that runs frequently 24-hours-a-day; so would 11,143 commuters who leave work between midnight and 5 am.
- 43,535 households without access to a private vehicle would lose access to frequent transit, imperiling their ability to meet essential needs. Overall, 293,630 households would lose access to frequent full-day transit.

**DISCLAIMER: This analysis is based on the potential impact of budget shortfalls without further emergency aid, not specific transit agency proposals.**

## How Many Will Lose Access to Frequent Full-Day Transit: Los Angeles

	How Many Will Lose Access to Frequent Full-Day Transit	Currently Within 1/2-Mile of Frequent Transit	Near Frequent Transit After 50% Peak and 30% Off-Peak Cut	% Change
People	<b>934,936</b>	2,554,332	1,619,396	-37%
<i>Black</i>	<b>183,446</b>	307,387	123,941	-60%
<i>Total Black, Hispanic, Asian, Native American, Pacific Islander, other and multiple races</i>	<b>820,667</b>	2,006,648	1,185,981	-41%
Households	<b>293,630</b>	894,813	601,183	-33%
<i>With incomes under \$25,000</i>	<b>86,575</b>	251,569	164,994	-34%
<i>Without access to a private vehicle</i>	<b>43,535</b>	143,552	100,017	-30%
Jobs	<b>259,228</b>	1,610,917	1,351,689	-16%
	How Many Will Lose Access to Frequent 24-Hour Transit	Currently Within 1/2-Mile of 24-Hour Frequent Transit	Near 24-Hour Frequent Transit After 50% Peak & 30% Off-Peak Cut	% Change
Commuters leaving home between midnight and 5 am	<b>7,965</b>	23,049	15,084	-35%
Commuters leaving work between midnight and 5 am	<b>11,143</b>	28,457	17,314	-39%
<p><i>Notes:</i> Figures are for the Los Angeles-Long Beach-Anaheim, CA Metropolitan Statistical Area using Census figures from 2017 and transit service data from 2018.</p> <p>“Frequent full-day transit” is defined as transit that runs at least every 15 minutes between 7 am and 10 pm. “Frequent 24-hour transit” is defined as transit that runs at least every 15 minutes for the entire day.</p>				

### Methods and Background

For this analysis, the Center for Neighborhood Technology ran an analysis using the AllTransit tool, which combines publicly available transit schedule information (GTFS feeds) and new data created by CNT for more than 300 regions where it did not previously exist.

The analysis is focused on frequent full-day service, defined as transit that runs at least every 15 minutes between 7 am and 10 pm. CNT modelled a schedule where peak service (service between 7-9 am and 4-6 pm) was reduced by 50% while off-peak service was reduced by 30%. This reflects that many transit agencies are likely to tailor service cuts to attempt to preserve full-day service.