



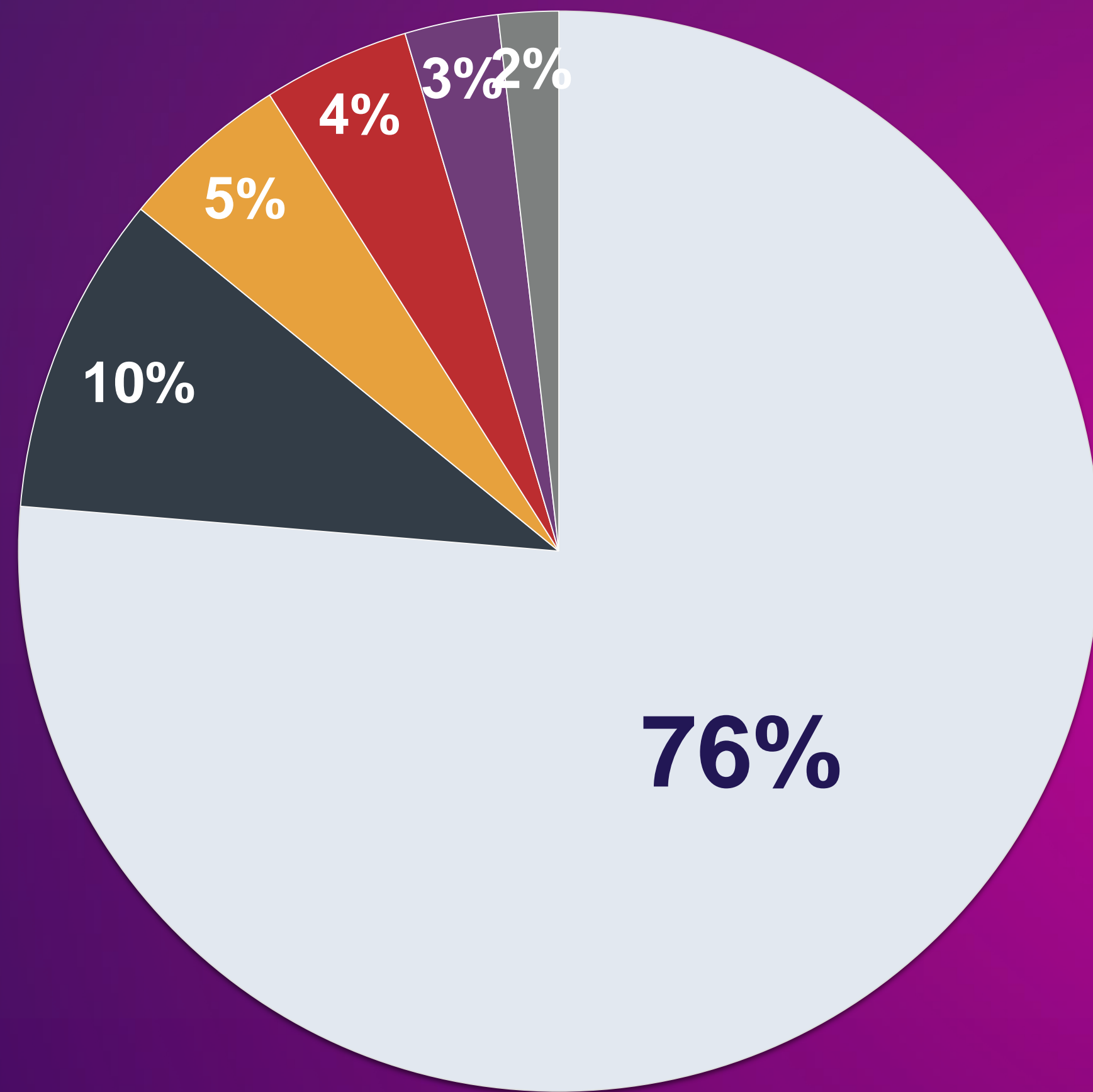
The End of Car Ownership

Transportation Crossroads Conference
Dallas, TX
November 17, 2017

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Most commuters drive by themselves

American Community Survey, 2013



■ Drove alone

■ Carpool

■ Public transportation

■ WFH

■ Walking

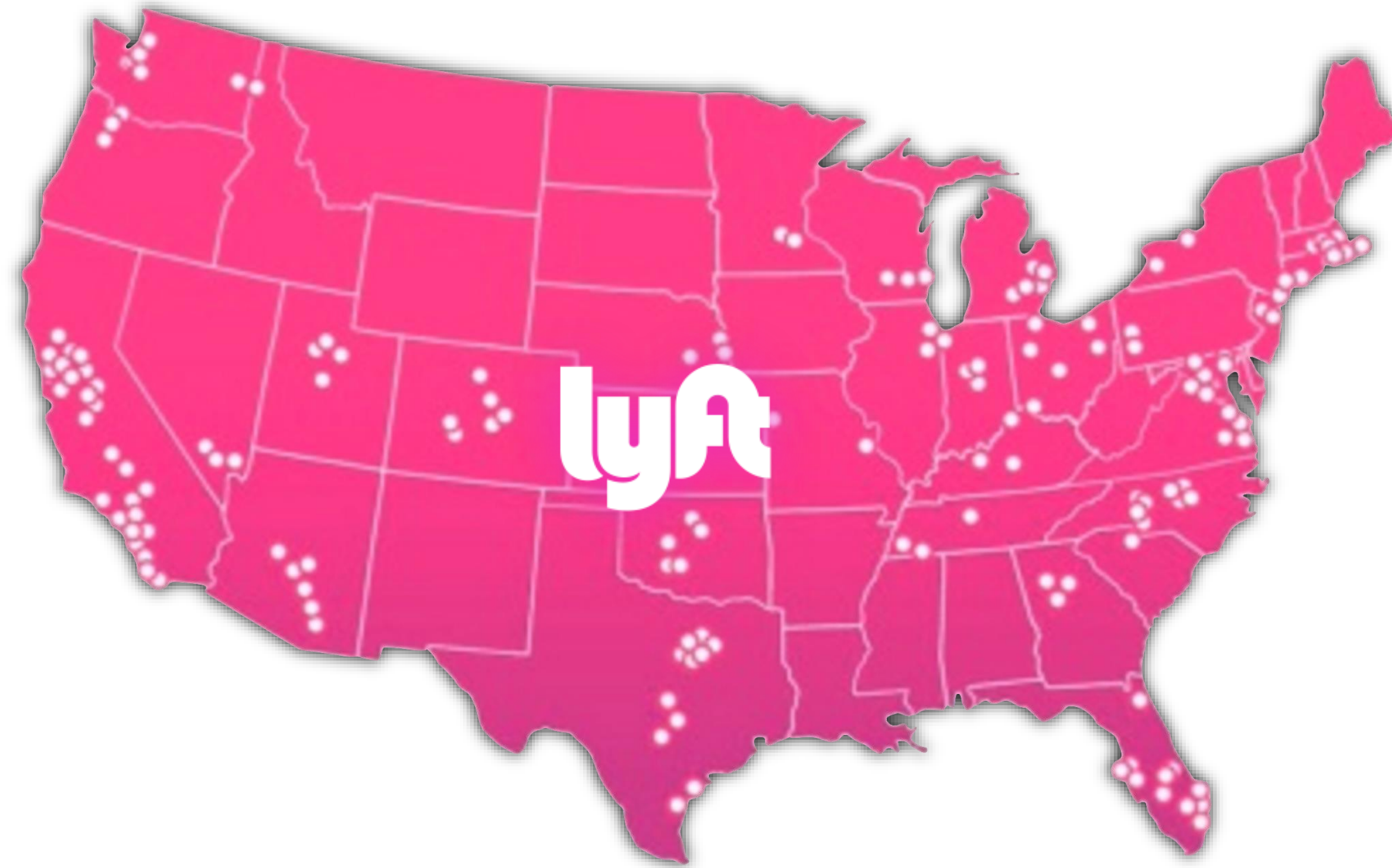
■ Other



**A new option is emerging:
Lyft is helping shift from ownership to
ridership**



Lyft is in 300+ cities, covering 95% of Americans with 100,000,000s of rides



How Lyft Can Cut VMT

**Increase
vehicle
occupancy**

**Connect to
Transit**

Electrification



A blend of “right-sized” private and public AVs will meet many different mobility needs

III. Seamless integration with public transit



Shared, electric, autonomous vehicles
(e.g. GM autonomous Bolt on Lyft)



Dynamic shuttles
(e.g. Local Motors Olli)



Fully autonomous transit buses
(e.g. Mercedes bus)

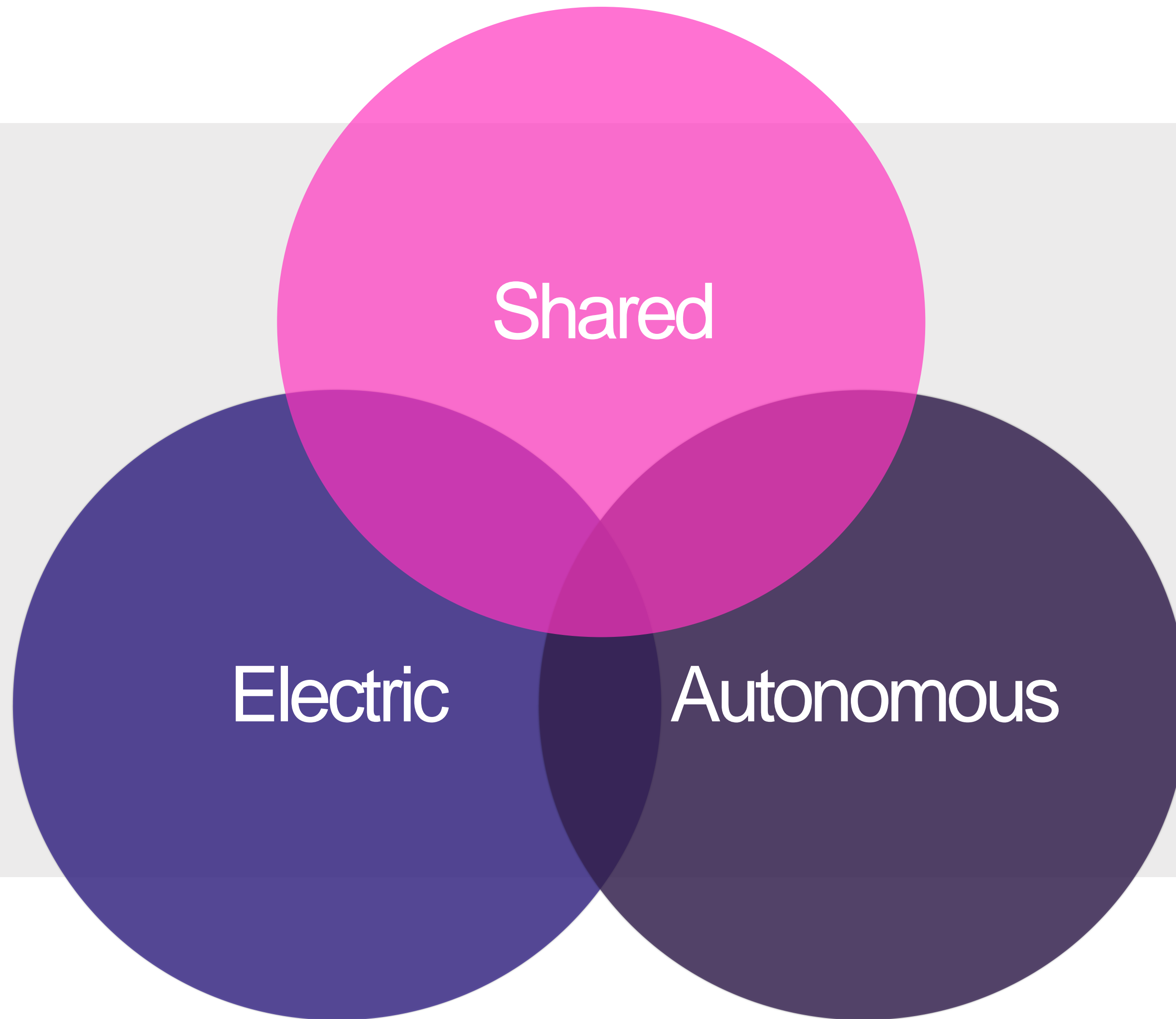
THE ROAD AHEAD





**Biggest current barrier:
competing with cars
on cost-per-mile**

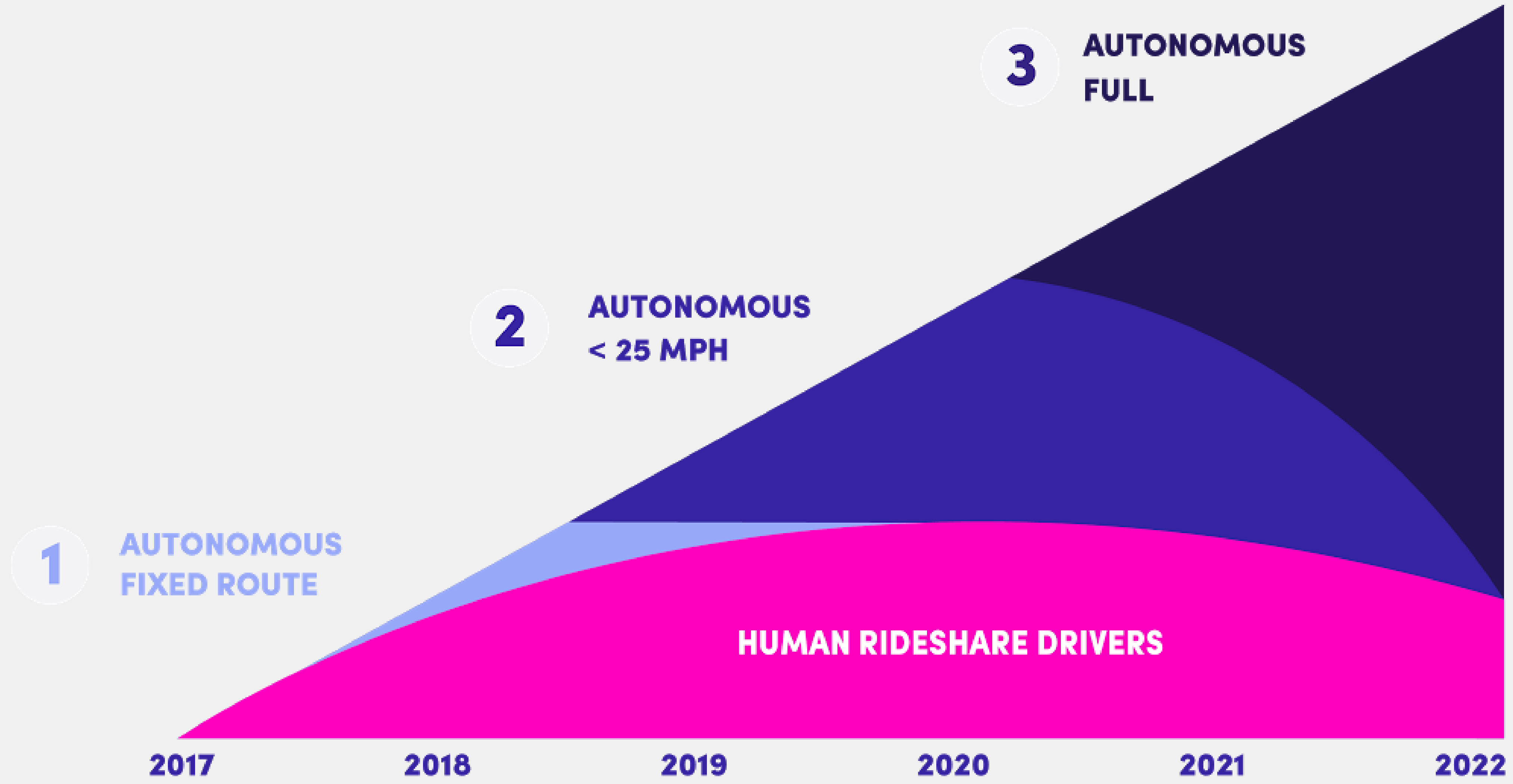
Better Together



A close-up photograph of the front left corner of a light blue car. The car's body is a vibrant blue. A black charging port cover is open, revealing a bright orange charging port. Above the port, a badge reads "BELT EV" in white and blue. The car's headlight and grille are partially visible. A white rectangular box with a torn-edge effect is overlaid on the center of the image, containing text.

**Reduce cost by 80%
and emissions by 90%**

Jeffery Greenblatt and Samveg Saxena, Lawrence Berkeley National Laboratory,
“Autonomous taxis could greatly reduce greenhouse-gas emissions of US light-duty vehicles.” *Nature Climate Change*, 2015.



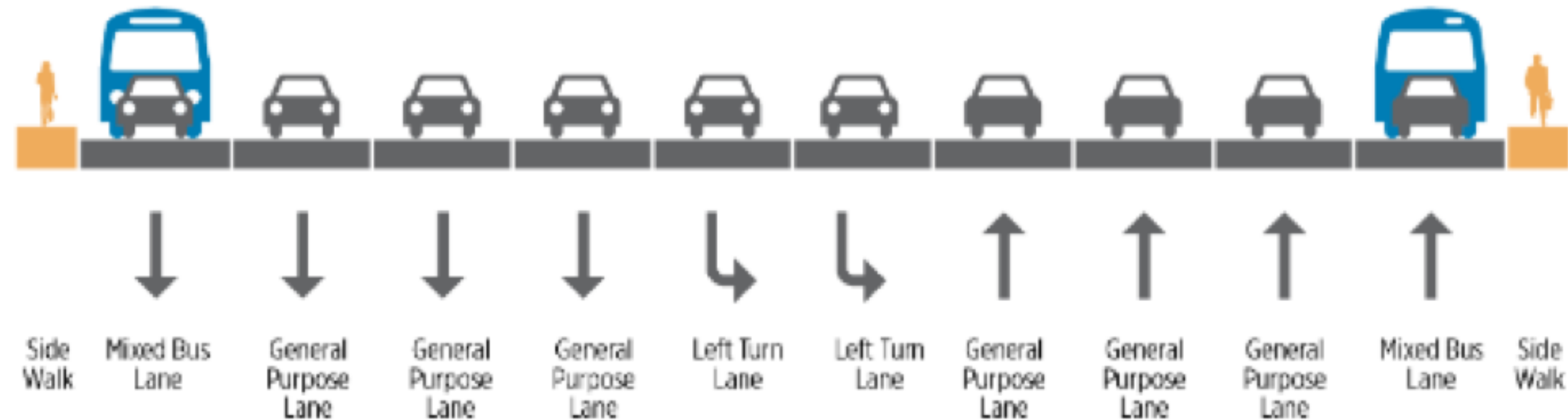
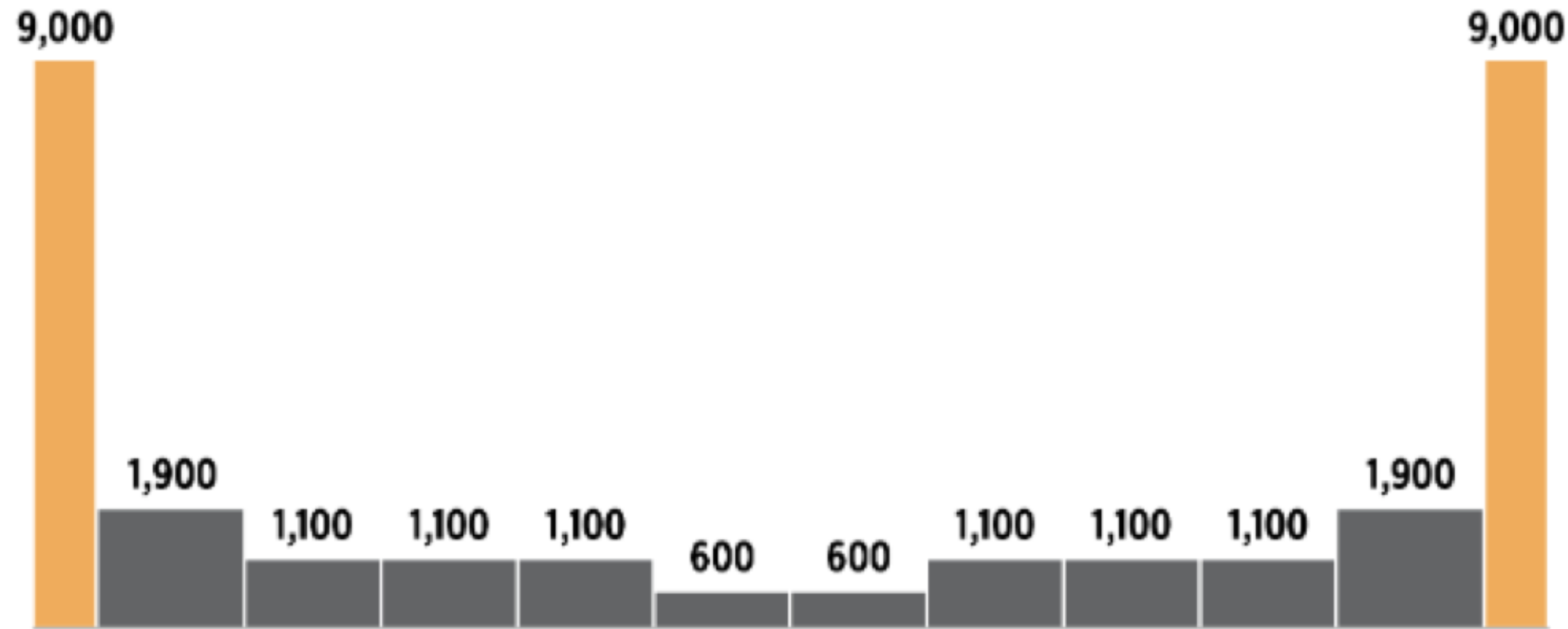
The 20th century way



How many people
can this street
serve per hour?

Up to
29,600

Source: NACTD Transit Street Design Guide



But what if we design with new technology for people?

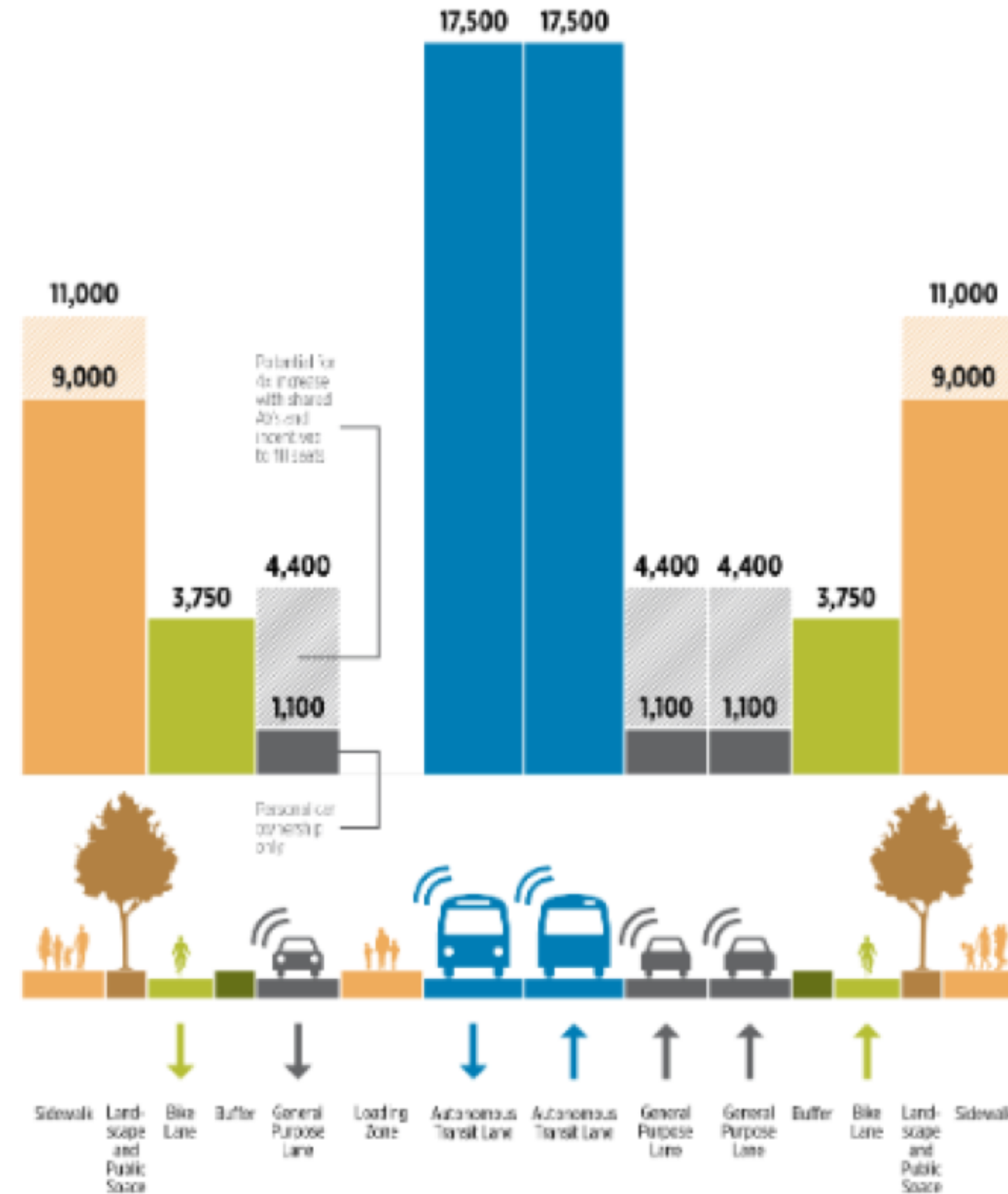
Future



How many people can this street serve per hour?

Up to **77,000**

Source: NACTD Transit Street Design Guide





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