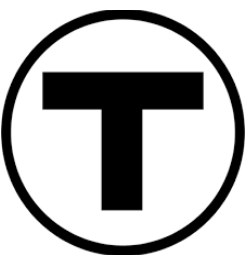


RIDE PERFORMANCE DASHBOARD



Average Speed (MPH)

13.39

85.06%

OTP Pickup %

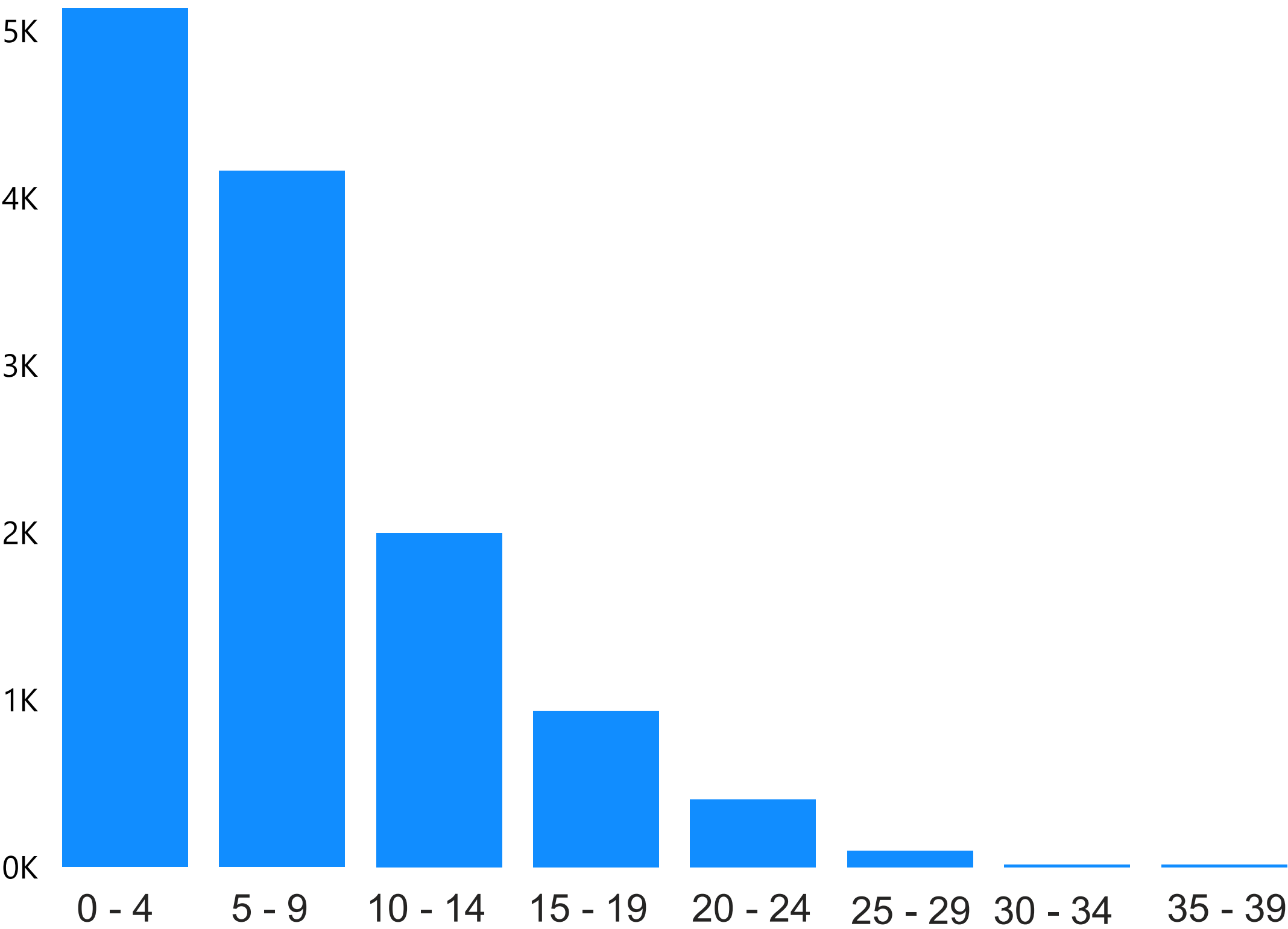
94.51%

OTP Appointment%

On-Time Performance %

89.54%

Number of Customers based on Average Trip Mile



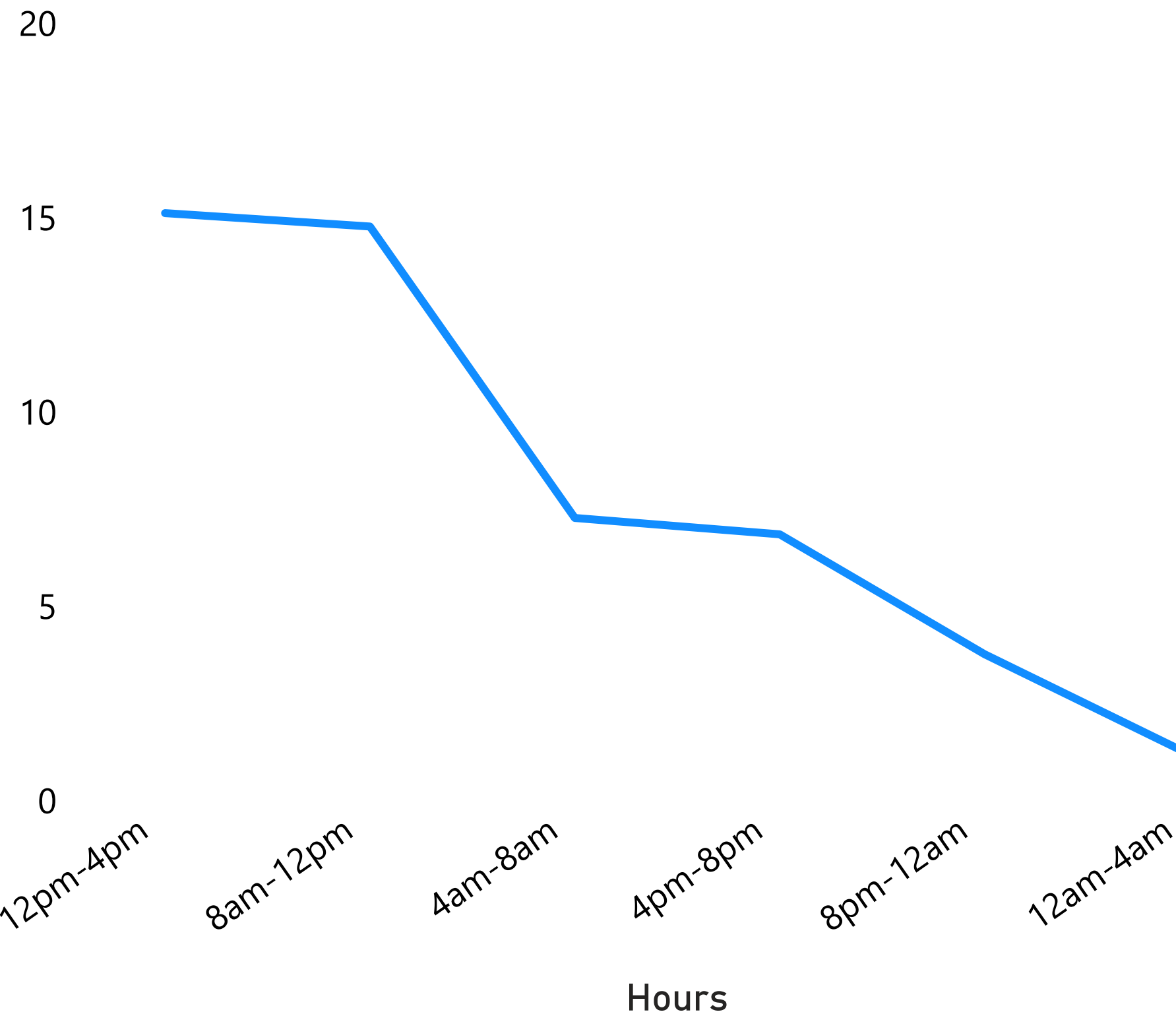
Trip Per Vehicle

42.72

Average Trip Time(Minutes)

36.54

Weekly Total Trip to Vehicle Per Hour



KEY INSIGHTS FROM RIDE PARATRANSIT SERVICE ANALYSIS



- **Average Speed of the Service:**
The system runs smoothly with an **average speed of 13.39 miles per hour (MPH)** across all vehicles for the week.
- **On-Time Performance (OTP):**
Pickup OTP is impressive, with about **85.06% of trips** being picked up within the promised window.
Drop-off OTP is even better, with **94.51% of trips** arriving on time for appointments.

Overall, **89.54% of trips** are on time, demonstrating reliable performance in both pickups and drop-offs.
- **Customer Trip Distance:**

Trips of 0-4 miles dominate the service, with **5,135 customers** opting for shorter distances. The pattern shows that **as trip distance increases, the number of customers decreases**.
- **Trip Duration:**
On average, customers spend around **37 minutes** on their trips, providing a consistent experience across the service.
- **Peak Operating Times:**

The **busiest times for vehicles are between 12pm and 4pm**, followed by the **morning hours from 8am to 12pm**, when vehicles are completing the most trips per vehicle. These periods reflect the system's highest productivity throughout the week, excluding weekends.
- **Vehicle Efficiency:**
On average, each vehicle completes **42.72 trips per week**, highlighting the system's efficiency in meeting customer demand.