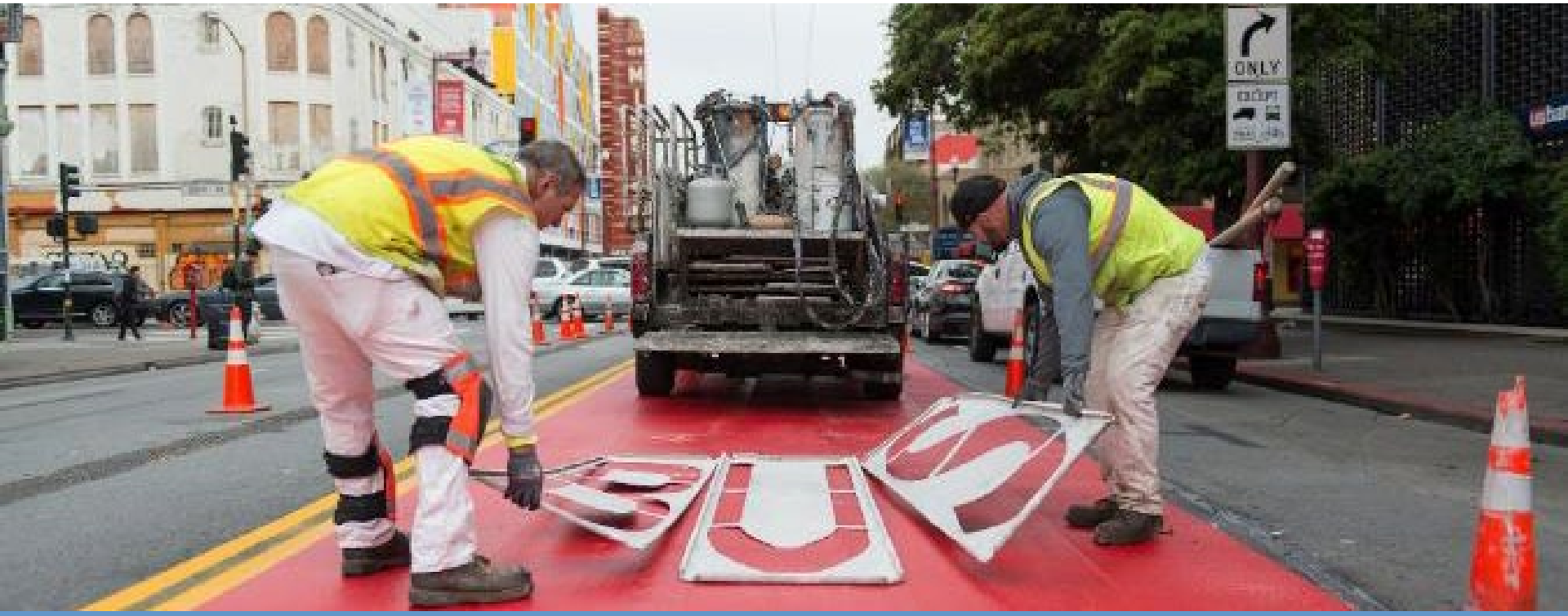
SFMTA



Transit Update

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SFMTA Board of Directors
April 20, 2021

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Muni Forward Updates

Why Muni Forward?

Congestion Increases Operating Costs

As congestion increases in areas where transit does not have traffic priority measures, transit service becomes slower and more expensive to provide.

EXAMPLE: Cost to Provide 10-Minute Bus Frequency, 6 AM – 12 AM, daily

Travel time and cost increase together

Travel Time (Minutes)	Buses Required	Annual Cost
30		$3.9 million
45		$5.9 million
60		$7.9 million
75		$9.9 million

Assumes operating cost of **$200 per hour per vehicle**. Actual costs vary by mode.

The Solution: Muni Forward

- **Improved reliability**: Over **70 miles of new reliability improvements**, such as red transit lanes, bus bulbs and traffic signals that stay green for transit
- **Rapid Network**: More Rapid lines and expanded frequency
- **More service**: Multiple service increases and new connections since 2015
- **Brand new fleet**: All-new bus and rail vehicles
- **Equity**: A focus on improving service in Equity Strategy neighborhoods

Muni Forward › Results

Rapid Network Ridership Up 14% (2016 to 2018)

- 8 Bayshore corridor +12%
- Mission/Van Ness corridor +9%
- Geary corridor: +8%
- 19th Ave corridor: +19%

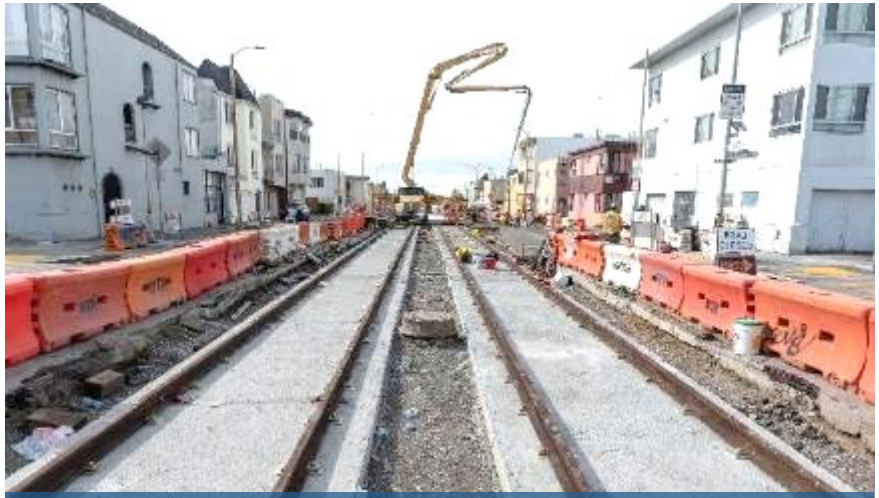
Time Savings of 10% (or more)

- Church Street: 15%
- 5R Fulton Rapid: 9-12%
- Mission: 13%
- 16th Street quick-build phase: 10%
- Potrero: 20%
- Two-Way Haight: Over 20%
- Sansome: Over 20%

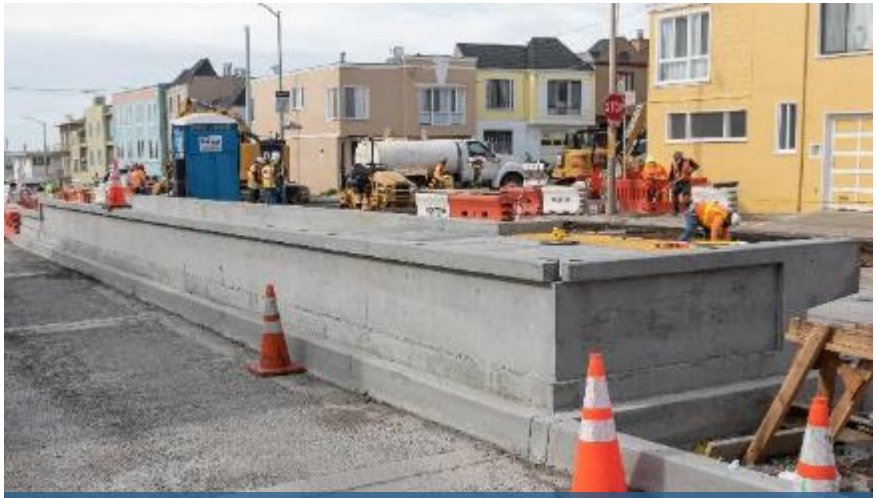
Economic & Sales Tax Revenue Increases (outperformed city trends)

- Mission Street
- Taraval Street

Muni Forward Construction: **L Taraval**



Track Replacement & Street Repaving



ADA Ramps

Boarding Islands

Pedestrian Safety Improvements

Muni Forward Construction: **22 Fillmore via 16th**

Transit & Taxi Only Lanes

Bus Bulbs

Boarding Islands

Pedestrian Safety Improvements

Muni Forward Construction: **28 19th Avenue**

Bus Bulbs

Pedestrian Safety Improvements

Utility Improvements

Muni Forward & TETL

- Muni Forward continues to build out transit improvements
- TETL has shown the benefit of rapid quick-build options
- Overlap between Muni Forward corridors and TETL
- **How can Muni come out of the pandemic stronger?**

Temporary Emergency Transit Lanes

TETL Program Status Update

- Agency focused on 20 last post pandemic
- Six miles of TETL installed to-date
- Complimenting long term plans for transit improvements

TETL: **Mission/SOMA**

- **First TETL Project**
- **Runs from 3rd Street through 11th Street**
- **Converted part-time transit lanes to full-time**
- **Impact: Transit steady as traffic rises**
  - Jan/Feb 21 traffic 20% higher than summer 2020 levels
  - New lane hours: transit times up 2-4%
- **Public survey results**
  - Outreach included posters, social media advertisements, and digital radio ads
  - 65% supported making changes permanent

TETL: **Outer Geary**

- **75% of Geary has transit lanes**
- **Impact: Transit steady as traffic rises**
  - Transit speeds have stayed constant or increased even as VMT has increased
  - Auto speeds caused by VMT, not TETL
  - ~6% reliability improvement in AM peak (7-10 am)
- **Public survey: ongoing**

TETL: **Outer Geary Temporary Bus Bulbs**

Temporary wooden bus bulbs (20th Avenue, inbound)

TETL: **Outer Geary + Queue Jump (video)**

Video

https://youtu.be/G4mCsBKzD-4

TETL: 7th & 8th Streets

- **8th Street segment installed October 2020**
- **Impact: Transit improving even as traffic rises**
  - Traffic volume on 8th increased 35% since April 2020
  - 19 Polk saw a 20% improvement in on-time performance
  - No recorded instances of crowding on the 19 Polk line, despite a **33% increase in ridership** since the beginning of the pandemic
  - No increase in LOS compared to pre-pandemic

TETL: 7th & 8th Streets (video)

Video

https://www.youtube.com/watch?v=4gbnid3JA5A

TETL: 4th Street Bridge

- **Impact: Transit steady as traffic rises**
  - Transit delay down over 60 percent
  - Trains 2.5X more likely to cross 4th & Berry without stopping for red light
  - Average wait for green light: 70% shorter
  - T Third delays on 4th Street bridge: under 1%

MTAB Look-Ahead

Final TETL Approvals

- April 20: 1 California (today!)
- HOV pilot on CalTrans ROW

Permanent legislation of TETLs

- Downtown Mission
- 4th Street Bridge
- Geary
- 7th/8th Street
- Church & Market subway transfer locations

Next Steps for Muni Forward

May Service Restoration

Metro

- Open all subway stations from Embarcadero to West Portal
- Restart N Judah rail from Ocean Beach to Caltrain

Bus

- Increase frequency for crowding management
- Close hilltop gap between Forest Hill and Glen Park

Historic

- Restore F Line service 7 days a week (11AM-7PM)
- Better Market Street construction starts fall 2021

The Future of Muni Forward

The Next Five Years

- Make (most) TETL projects permanent
- Complete outreach on remaining Rapid corridors
- Implement Delay Hot Spot program to complement corridor-based approach
- Operationalize the Equity Strategy
- Launch Rapid service on more lines
- Begin transformation of Muni Metro into a true Metro system, including 3-car trains

The Rapid Network Vision

- Achieve vision of Rapid Network service that travels between stops with no needless delay
- Rapid service should provide a “surface subway” experience to **cross San Francisco with ease**

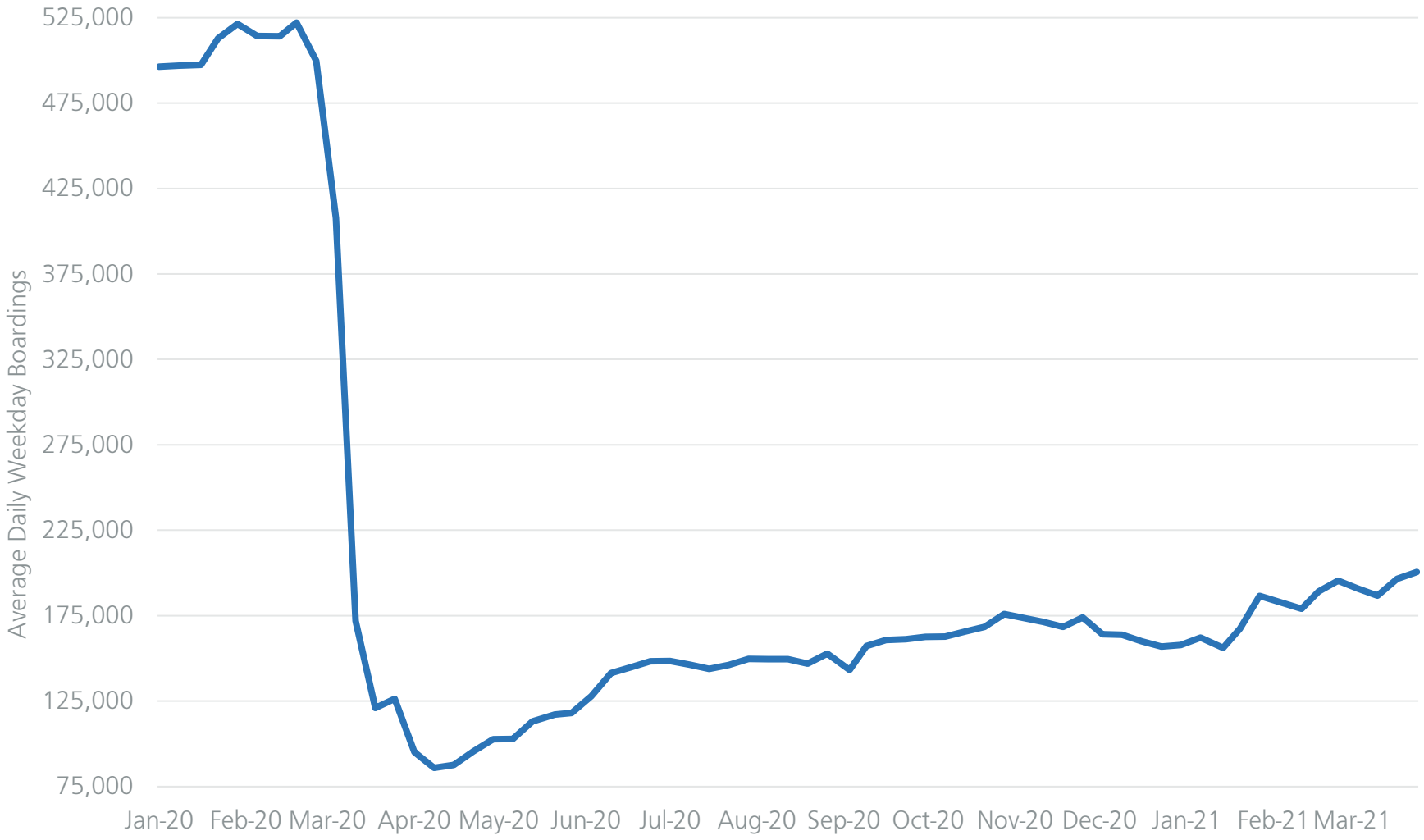
Future Corridors

The vision:
transit traveling between stops without delay on these frequent service corridors

Transit Update

Ridership

Major ridership drop off at pandemic's start



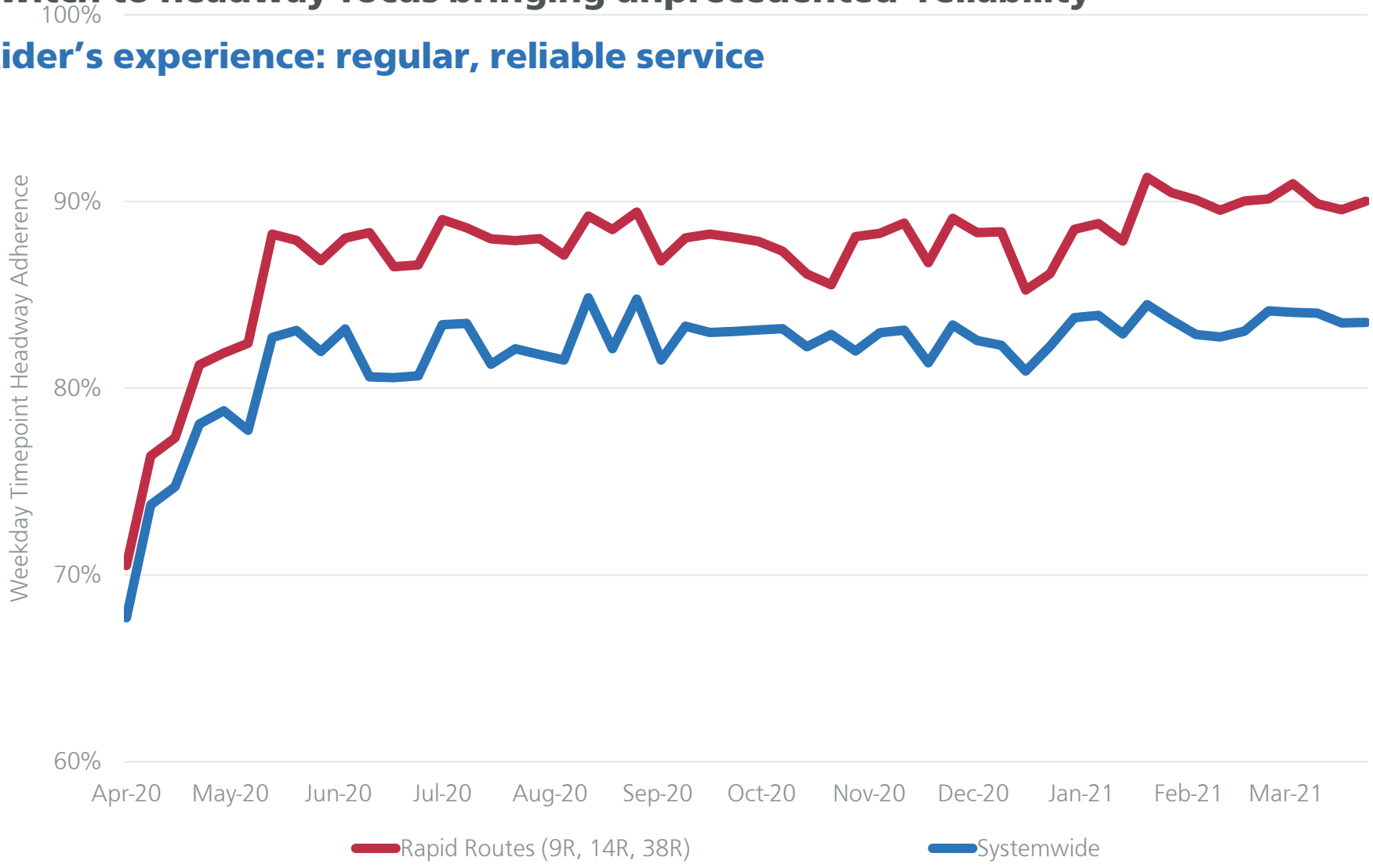
Ridership

Ridership is steadily growing, more than doubling since April 2020

Headway Adherence

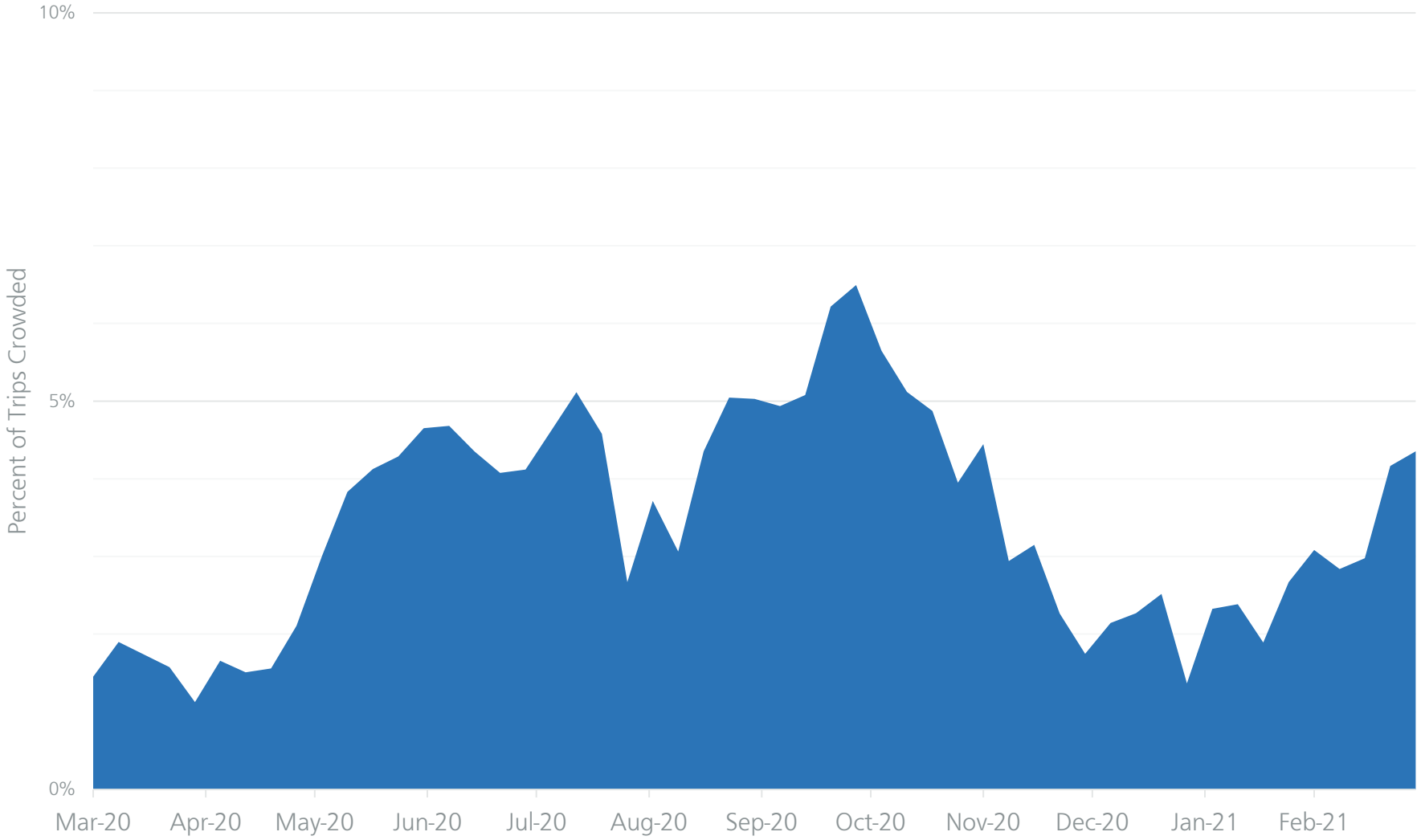
Switch to headway focus bringing unprecedented reliability

Rider's experience: regular, reliable service



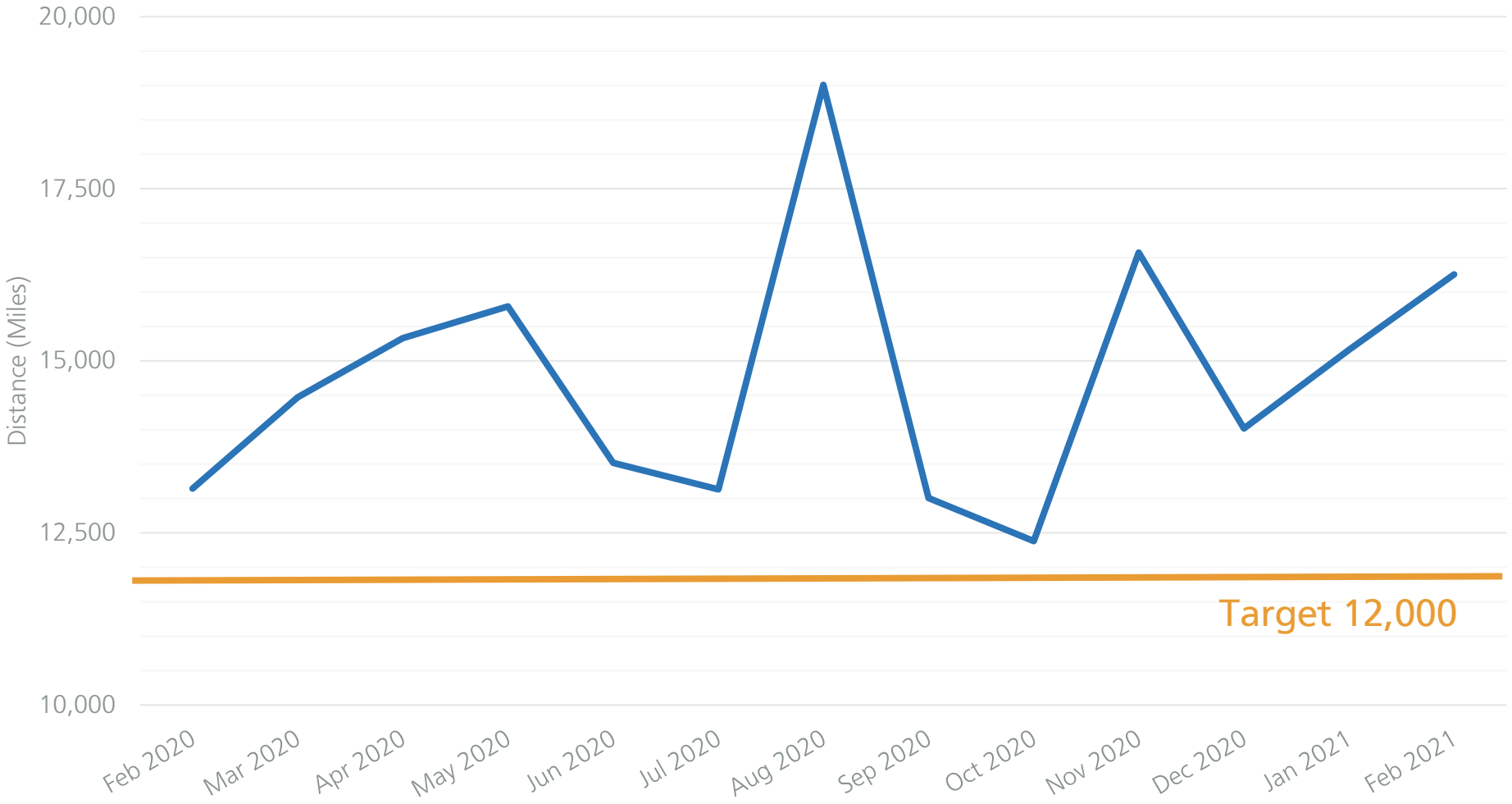
Crowding

Crowding increases with each reopening phase



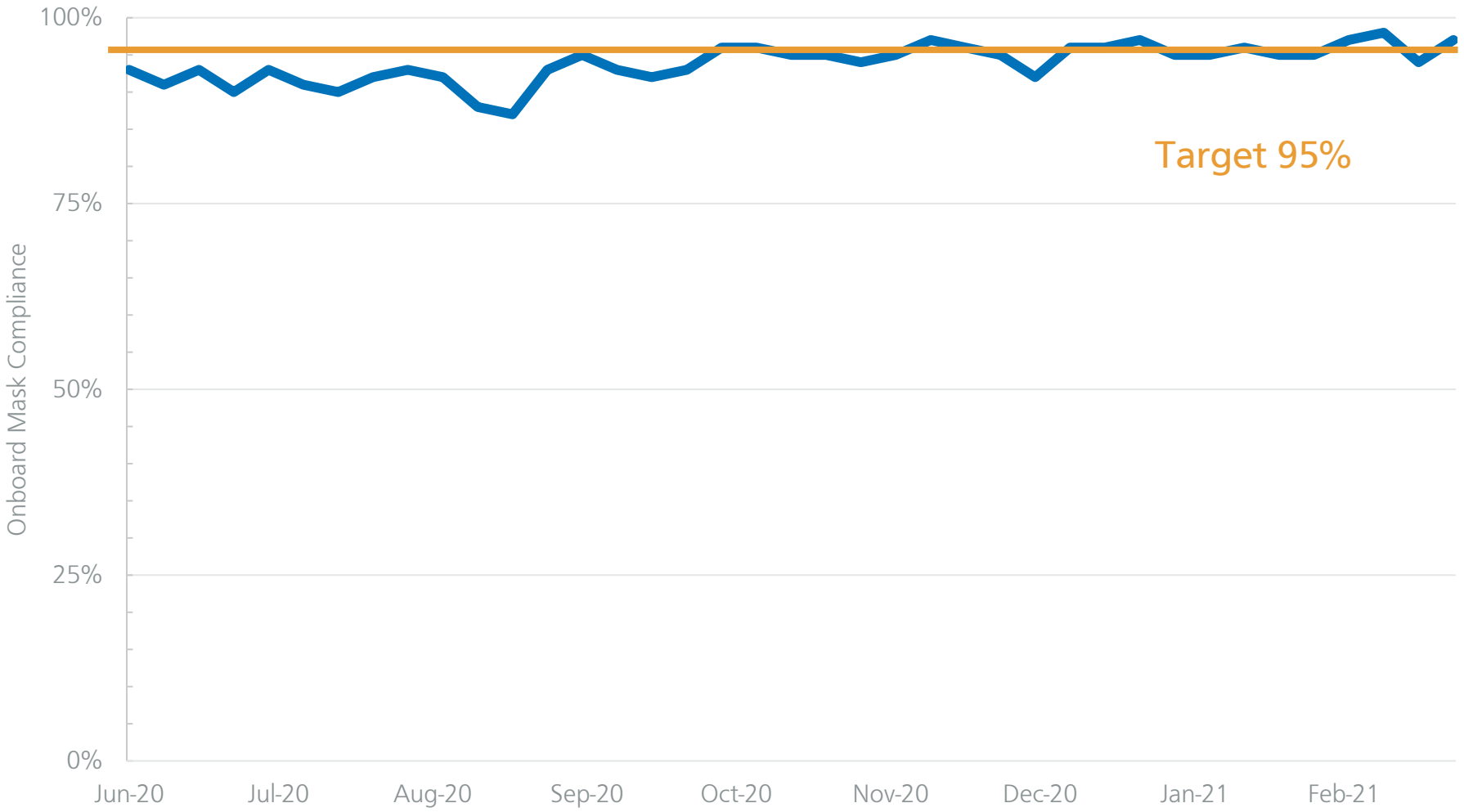
Mean Distance Between Failures (buses)

Maintenance team is exceeding targets



Mask Compliance

Steady adherence to compliance targets



Thank You!