



**BOARD OF DIRECTORS**

**METROPOLITAN ATLANTA RAPID TRANSIT AUTHORITY**

**OPERATIONS AND SAFETY COMMITTEE**

**THURSDAY, MARCH 31, 2022**

**MARTA HEADQUARTERS**

**MEETING MINUTES**

**1. CALL TO ORDER AND ROLL CALL**

Chair Worthy called the meeting to order at 10:52 A.M.

**Board Members Present:**

Stacy Blakely  
William "Bill" Floyd  
Roderick Frierson  
Freda Hardage  
Roderick Mullice  
Rita Scott  
Reginald Snyder  
Thomas Worthy

**Board Members Absent:**

Roberta Abdul-Salaam  
Robert Ashe, III  
Jim Durrett  
Russell McMurry  
Al Pond  
Kathryn Powers  
Christopher Tomlinson

**Staff Members Present:**

Collie Greenwood  
Rhonda Allen  
Peter Andrews  
Luz Borrero  
Ralph McKinney  
Manjeet Ranu

Kevin Hurley  
George Wright

**Also in Attendance:** Justice Leah Ward Sears  
Charles Chafin  
Leslie Hubble  
Douglas Miller  
Anthony Morrow  
Tyrene Huff  
Kenya Hammond  
Phyllis Bryant

## 2. APPROVAL OF THE MINUTES

### **Minutes from February 24, 2022 Operations and Planning Committee**

Approval of Minutes from February 24, 2022 Operations and Planning Committee. On a motion by Board Member Mullice, seconded by Board Member Frierson, the motion passed by a vote of 7 to 0 with 7 members present.

## 3. RESOLUTIONS

### **Resolution Authorizing the Award of a Sole Source Contract for CQ12 Door Parts Systems, RFP P49800**

Approval of the Resolution Authorizing the Award of a Sole Source Contract for CQ12 Door Parts Systems, RFP P49800. On a motion by Board Member Mullice, seconded by Board Member Snyder, the resolution passed by a vote of 8 to 0 with 8 members present.

### **Resolution Authorizing Award of a Contract for the Procurement of Diesel Tow Tractors, IFB B47885**

Approval of the Resolution Authorizing the Award of a Contract for the Procurement of Diesel Tow Tractors, IFB B47885. On a motion by Board Member Mullice, seconded by Board Member Snyder, the resolution passed by a vote of 8 to 0 with 8 members present.

### **Resolution Authorizing the Solicitation of Proposals for the Procurement of MARTA Buses, RFP P50104**

Approval of the Resolution Authorizing the Solicitation of Proposals for the procurement of MARTA Buses, RFP P50104. On a motion by Board Member Blakley, seconded by Board Member Hardage, the resolution passed by a vote of 8 to 0 with 8 members present.

### **Resolution Authorizing a Modification in Contractual Authorization for Vehicle Towing Services, IFB B39301A**

Approval of the Resolution Authorizing a Modification in Contractual Authorization for Vehicle Towing Services, IFB B39301A. On a motion by Board Member Mullice, seconded by Board Member Snyder, the resolution passed by a vote of 8 to 0 with 8 members present.

### **Resolution Authorizing a Modification in Contractual Authorization for Safety, Health, and Industrial Hygiene Consulting Services, AE24109**

Approval of the Resolution Authorizing a Modification in Contractual Authorization for Safety, Health, and Industrial Hygiene Consulting Services. On a motion by Board Member Hardage,

seconded by Board Member Snyder, the resolution passed by a vote of 8 to 0 with 8 members present.

**4. BRIEFING**

**Briefing - Safety, Health, and Consulting Services New Follow-On Contract, AE50139**

Leslie Hubble, Manager of Environmental Health & Safety presented the Committee with a briefing on the new follow-on contract, AE50139.

**5. OTHER MATTERS**

FY22 January Operations and Safety Department KPIs (Informational Only)

**6. ADJOURNMENT**

Committee meeting adjourned at 11:36 A.M.

Respectfully submitted,



Tyrene L. Huff  
Assistant Secretary to the Board

YouTube Link: <https://youtu.be/YS9vDpepQNo>

# Procurement of CQ312 Door System Parts RFP-P49800

March 31, 2022

marta 





# Procurement of CQ312 Door System Parts RFP-P49800

- Financial Considerations
- Business Purpose
- Procurement Considerations
- Present Resolution

Two-year base term	\$1,550,337.30
Option year	None
Total	\$1,550,337.30

## Financial Considerations

- 2-year Contract
- Operating funds

# Business Purpose

- Critical Door System Parts
- Prevent Obsolescence
- Engineering Support



# Procurement Considerations

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- Vapor Stone Rail Systems (OEM)
- Sole source
- Audit
- No DBE Requirement



# Resolution

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- Vapor Stone Rail Systems
- RFP-P49800
- \$1,550,337.30





Thank You



## **Procurement of Diesel Tow Tractors**

IFB B47885

March 31, 2022

## Overview

- MARTA Bus Facilities require Tow Tractors to safely and efficiently move disabled buses around yards and in/out of garages
- Existing Tow Tractors were procured in 1983, 1989, and 2007 and are at or beyond the industry-standard ULB (Useful Life Benchmark) of 15 years
- Procurement of four (4) tow tractors
- The Office of Bus Maintenance contacted Peer Authorities to assist in equipment specification

# What is a Tow Tractor?

- Diesel Powered – 4-wheel drive
- Able to Tow / Push up to 75,000 lbs. on wet pavement at 1% grade
- Non-Marking push bumpers
- 12/24 Volt jump-start system
- 125 PSI Air Compressor
- Ergonomic Operator Compartment
- 360-degree Visibility



## Vendor Selection

- Twenty (20) firms retrieved online solicitation and/or purchased the CD.
- One (1) bid was received
- Based on MARTA's D&I review, sufficient DBE Good Faith Efforts have been exerted in attempt to make the 4% goal
- MARTA's Department of Internal Audit has conducted a price/cost analysis and has determined the cost to be fair and reasonable



# Request to Approve Resolution

- Contract term is two (2) years
- FTA requirements are included in Contract language which allow grant reimbursement of up to 80%
- Selected bidder is Kirk's Automotive in Detroit, Michigan
- Engine and Drivetrain are warrantied for 60 months/100,000 miles, whichever occurs first
- Contract includes Procurement, Delivery, and Training at all Bus Facilities
- **The Office of Bus Maintenance respectfully requests authorization for the resolution to enter into a contract with Kirk's Automotive in the amount of \$527,328.00**

Questions?

Thank You





# **Solicitation for Proposals for Bus Procurement**

RFP P50104

March 31, 2022

## Background

- Current Bus Contract for 40ft. CNG buses will expire in FY2023
- No other bus procurement contracts are currently in place
- Current fleets of 30ft., 35ft., and 60ft. buses were procured using assignable options from Peer Authorities
- Assignable options provide limited quantities and do not allow significant specification changes
- Bus size and Propulsion type are evolving with new types of service such as BRT, More MARTA, Battery Electric, etc.

# Contract Features?

- Flexibility to match MARTA needs
- Allows procurement of 17 different bus configurations
- Quantities of each bus can vary on an annual basis
- Multiple awards to various Manufacturers
- All buses manufactured to MARTA specifications and contract requirements



## How Will MARTA Use This Contract?

- MARTA determines Service Level Agreement for upcoming year
- MARTA Service Planning request bus size and quantity required for upcoming year
- MARTA determines propulsion type for each type of required buses
- Board of Directors is advised of annual procurement of buses including quantity and propulsion type
- Contract Specialist request pricing and places order(s) for upcoming year

# Request to Approve Resolution

- RFP term is Five (5) Years with one Five (5) year option
- FTA requirements are included in Contract language which allow grant reimbursement of up to 80%
- Anticipated respondents include New Flyer, Gillig, ENC, Novabus, Proterra, Alexander Dennis, and Arboc
- RFP includes Procurement, Delivery, and Training at all Bus Facilities
- **The Office of Bus Maintenance respectfully requests authorization for a resolution to solicit proposals for a Bus Procurement with a five (5) year base and a five (5) year option**

Questions?

Thank You



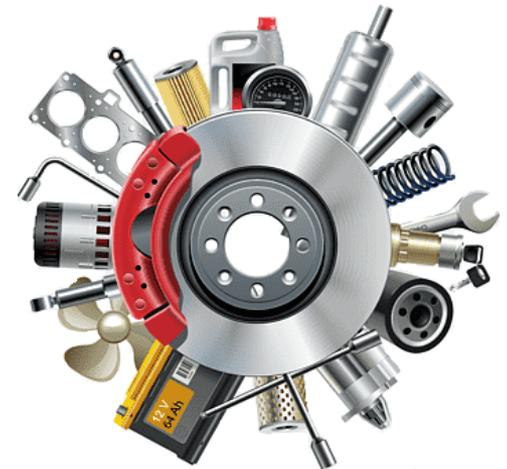


# B s Maintenance

## Resolution Authorizing a Modification in Contractual Authorization for Vehicle Towing Services, IFB B39301A

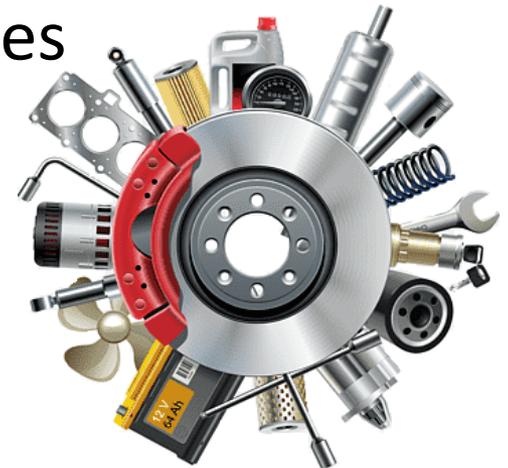
Presented By Anthony Morrow, General Superintendent

March 31, 2022



# CONTRACT HISTORY

- Current contract began July 13, 2018
- 5-year contract with an expiration of May 20, 2022
- Value of \$737,300
- Covers the entire MARTA fleet of vehicles
- 539 Revenue buses
- 450 Non-revenue





# AGING FLEET AND SYSTEM FAILURES

- Past contracts the number of tows were estimated according to the fleet size and historical data
- This estimate was short due to aging fleet and system issues
  - Diesel exhaust clogging (National issue)
  - Engine coolant sensors (Cummins engines)
  - Alternator belts (Breaking)
  - Batteries (National shortage due to COVID-19)
- In-Service repairs ended due to staffing shortages
- The number of tows higher than estimated
- Exhausting the funds more rapidly than expected











# **Resolution Authorizing the Increase of the Safety, Health & Industrial Hygiene Consulting Services Contract, AE24109**

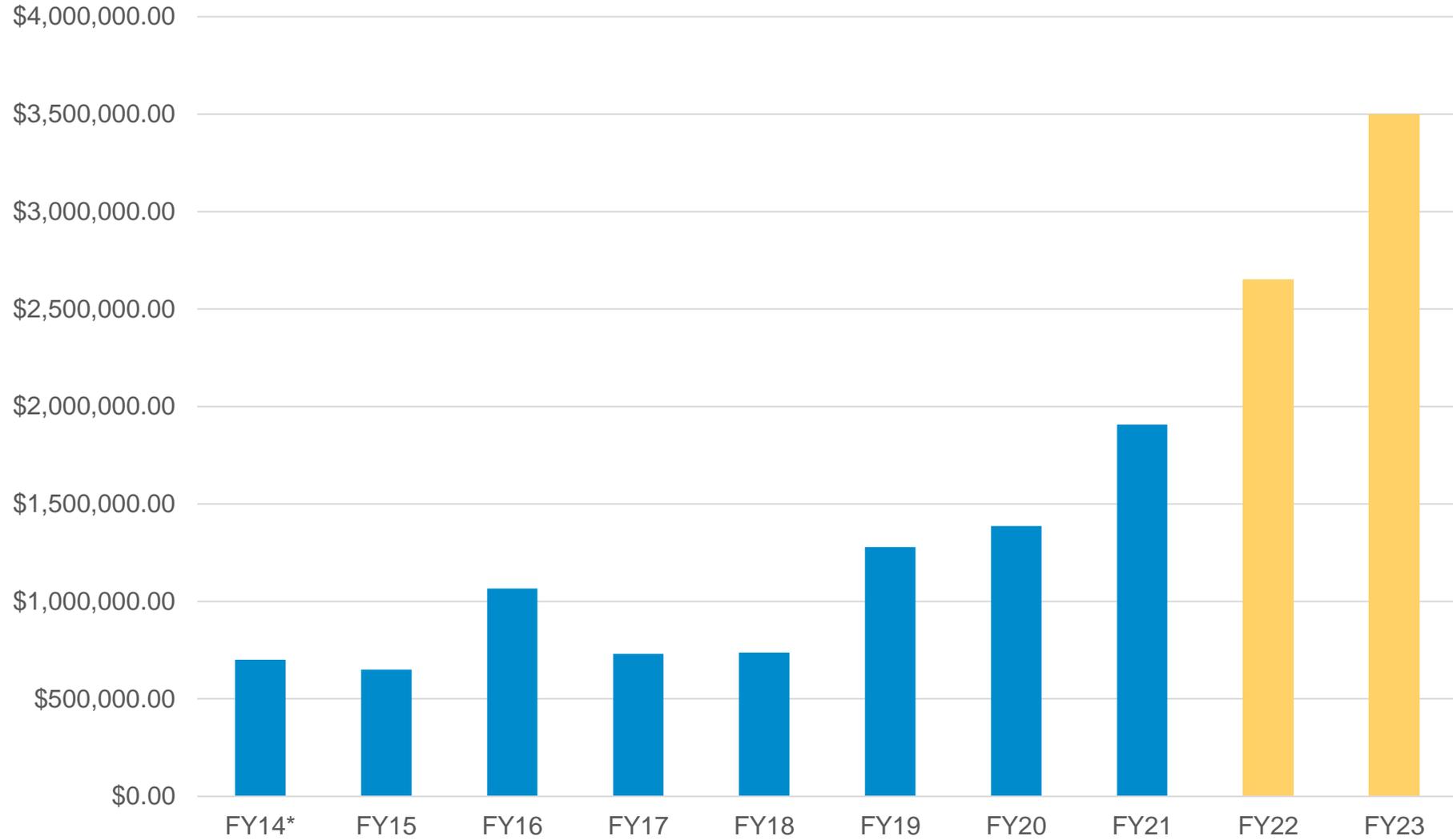
Leslie Hubble, MPH, CHMM  
Manager of Environmental Health  
and Safety

March 31, 2022

## Contract Summary

- On-call with Apex
- 5-year base with five 1-year options
- Contract expires 6/30/2023
- DBE Goal = 25%
- Current Board Authorized Value = \$11,750,000
- Scope includes:
  - Assessments, oversight, and abatement of asbestos, lead-based paint, and other hazardous building materials
  - Assessments, oversight, and abatement of mold, sewage, avian waste, and other biological materials
  - Industrial hygiene and indoor air quality
  - Confined space assessments and other safety functions (i.e., job hazard analysis)

### Spend & Committed Funds by Fiscal Year



## Increase Request

- FY23 is the final year of the contract
- Work orders and change orders needed to support DSQA and CIP projects cannot be executed without an increased authorization
- Funding is already available to support this increase
- Requesting additional authorization of \$3 million
- Total contract authorization to \$14,750,000



Thank You



Briefing - Safety, Health, and Consulting Services New Follow-On Contract, AE50139

# Briefing Report

**Meeting:** Operations and Safety Committee - Mar 31 2022  
**Subject:** Briefing - Safety, Health, and Consulting Services New Follow-On Contract, AE50139  
**Voting Requirements:** N/A

## RECOMMENDATION:

The current A/E contract for Safety, Health, and Industrial Hygiene Consulting Services expires on June 30, 2023. This briefing will summarize the scope of services and anticipated value of the upcoming follow-on contract.

## ATTACHMENTS:



Briefing - Safety, Health, and Consulting Services New Follow-On Contract, AE50139

**Report Approved by**

Ralph McKinney, Chief Safety & Quality Assurance  
Collie Greenwood, Interim General Manager/CEO

**Status:**

Approved - Mar 25 2022  
Approved - Mar 26 2022



**Briefing – Safety, Health, and  
Industrial Hygiene Consulting  
Services Follow-On Contract,  
AE50139**

Leslie Hubble, MPH, CHMM

Manager of Environmental Health and Safety

March 31, 2022



# Scope of Services Summary



Hazardous Materials



Confined Space



Industrial Hygiene



Indoor Air Quality



Biological Safety



Engineering Controls



Safety Support & Audits



Laboratory Services to support above work

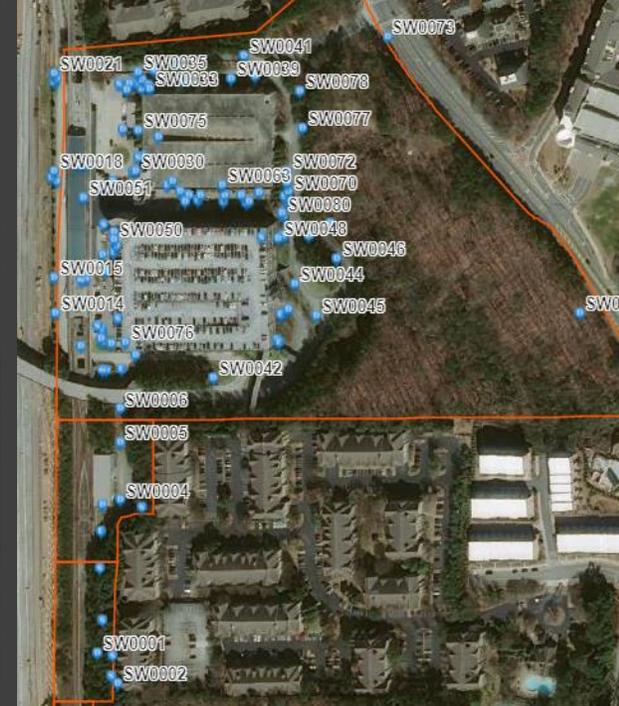
# Hazardous Materials

- Types of hazardous materials
  - Asbestos
  - Lead-based paint
  - Mold
  - Avian Waste
  - Other building materials (mercury, PCBs, etc.)
- Activities
  - Assessments / Surveys
  - Abatement
  - Oversight of abatement contractors
  - Inspections
  - Labeling / Signage



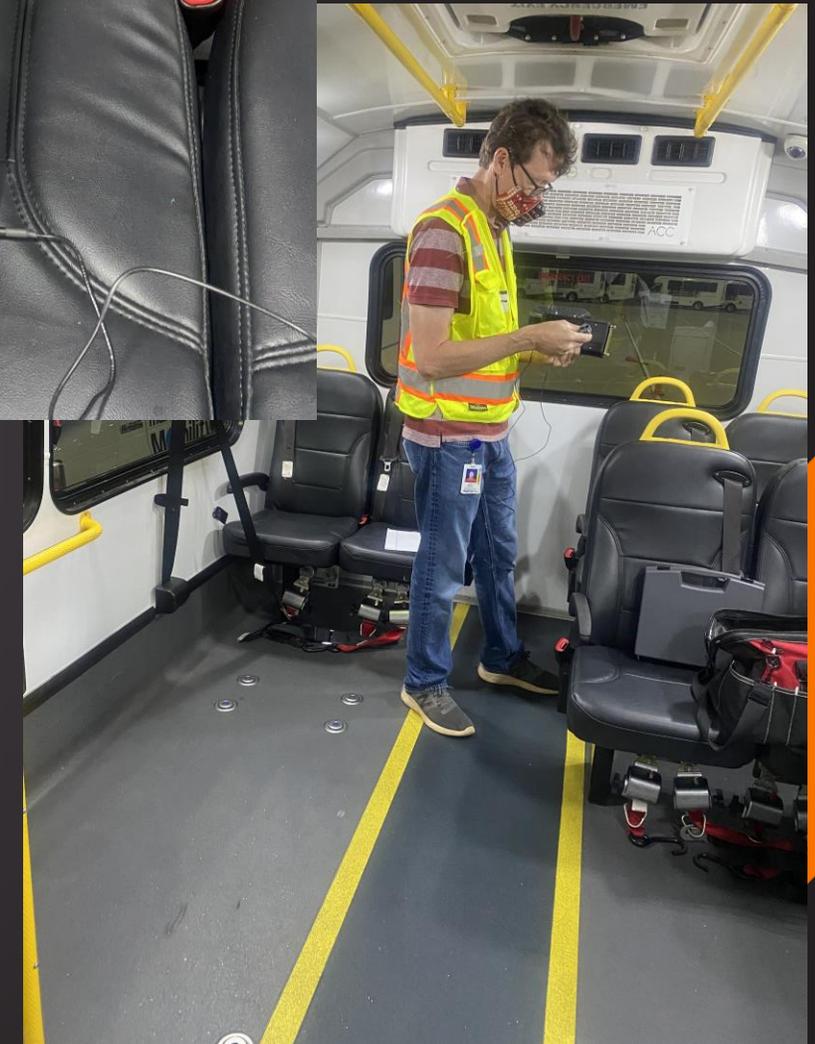
# Confined Space

- Monitoring and assessments
- GIS Database
- Training



## Industrial Hygiene

- Exposure assessments
  - Chemical
  - Noise
  - Heat / Cold
  - Vibration
  - Radiation
- Personal and area air monitoring
- Evaluate hazard mitigation / control measures
  - Engineering
  - Personal Protective Equipment
- Indoor Air Quality Assessments





# Other Services

- Biological Safety
  - Bloodborne Pathogens
  - Legionella
- General Industry / OSHA Support
- Safety Audits
- Laboratory Services

## Anticipated Conditions and Value

- 5-year contract with 5 option years
- Provides on-call services
- DBE Goal to be determined
  - Current contract is at 25%
- Value anticipated near \$3 million / year
  - Spending is on a time & materials basis
  - Factors in costs for unknown / unanticipated tasks



Thank You



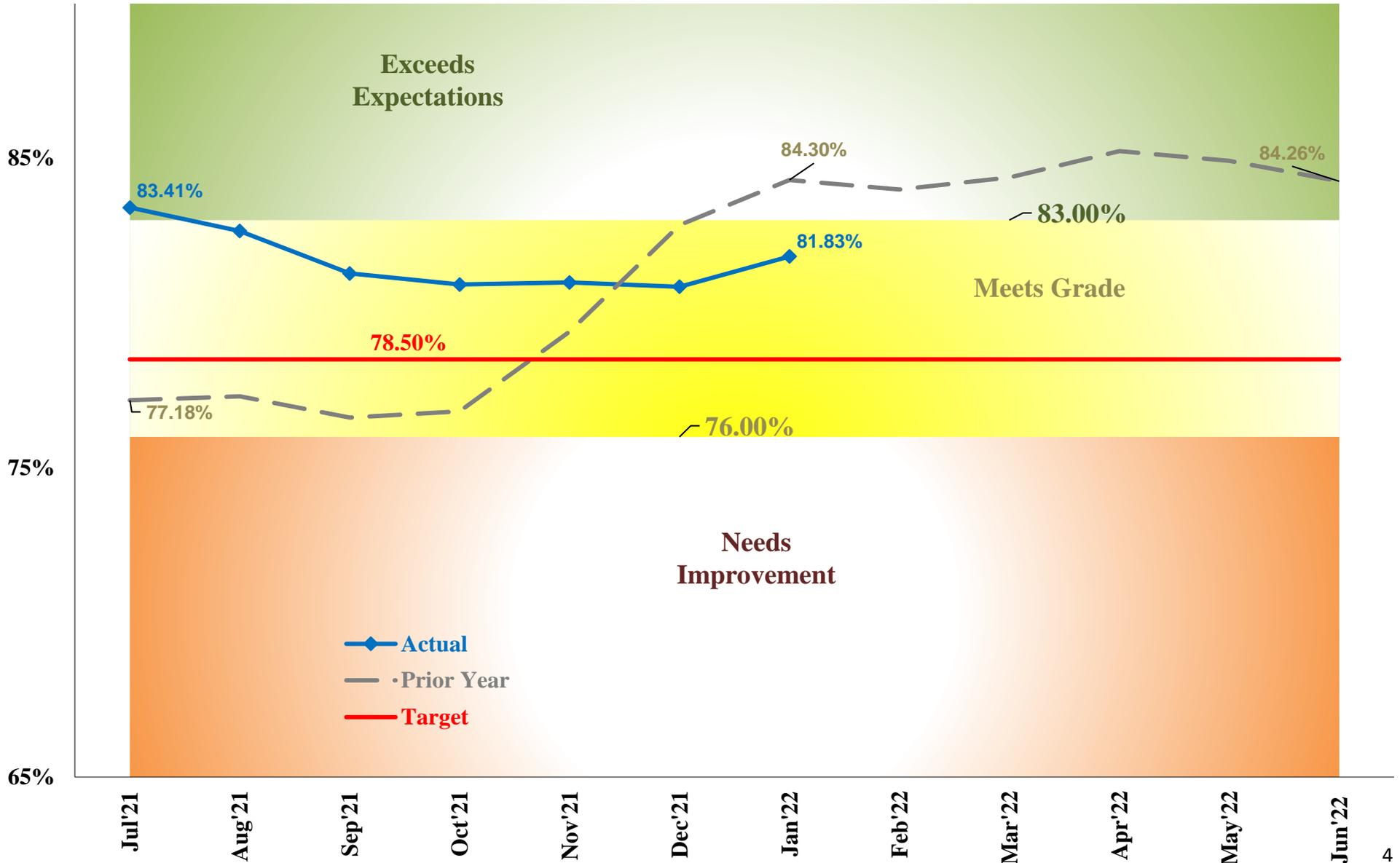
JANUARY FY22  
PERFORMANCE  
(BUS OPERATIONS)

OFFICES OF  
BUS TRANSPORTATION  
BUS MAINTENANCE

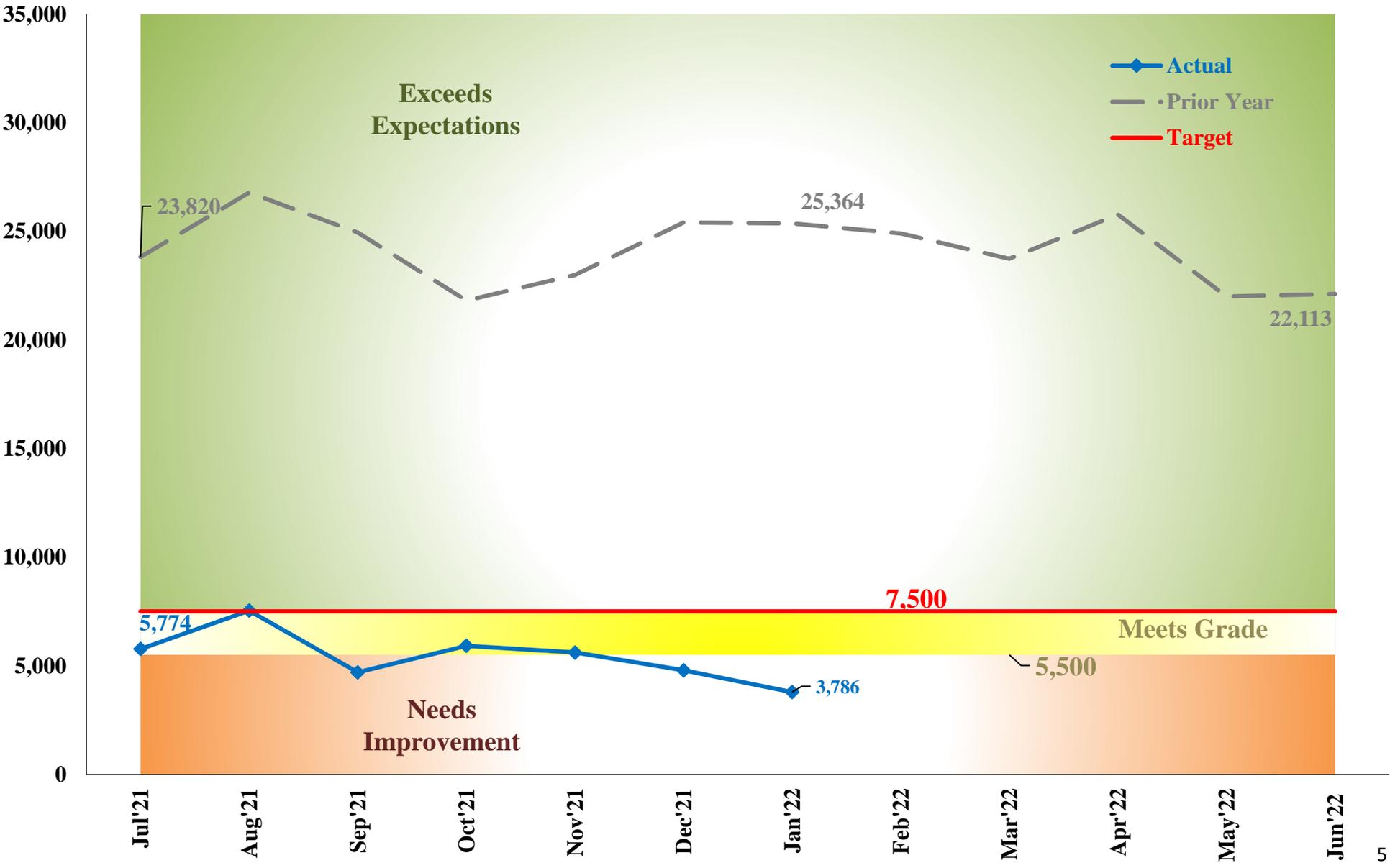
## Operations KPIs (Bus)

KPI	FY22 Target	January FY22	Monthly Variance vs. Projected	FY22 Year-To-Date	YTD Variance vs. Projected	Variance vs. previous FY
On-Time Performance	78.50%	81.83%	3.33%	81.77%	3.27%	2.14%
Mean Distance Between Failures	7,500	3,786	-3,714	5,270	-2,230	-19,078
Customer Complaints per 100K Boardings	8.00	7.85	-0.15	9.79	1.79	0.16

**Bus On-Time Performance** measured as percentage of on-time departures from defined time points on a given route. Departure is considered on-time, if made between 0 and 5 minutes after scheduled departure time.

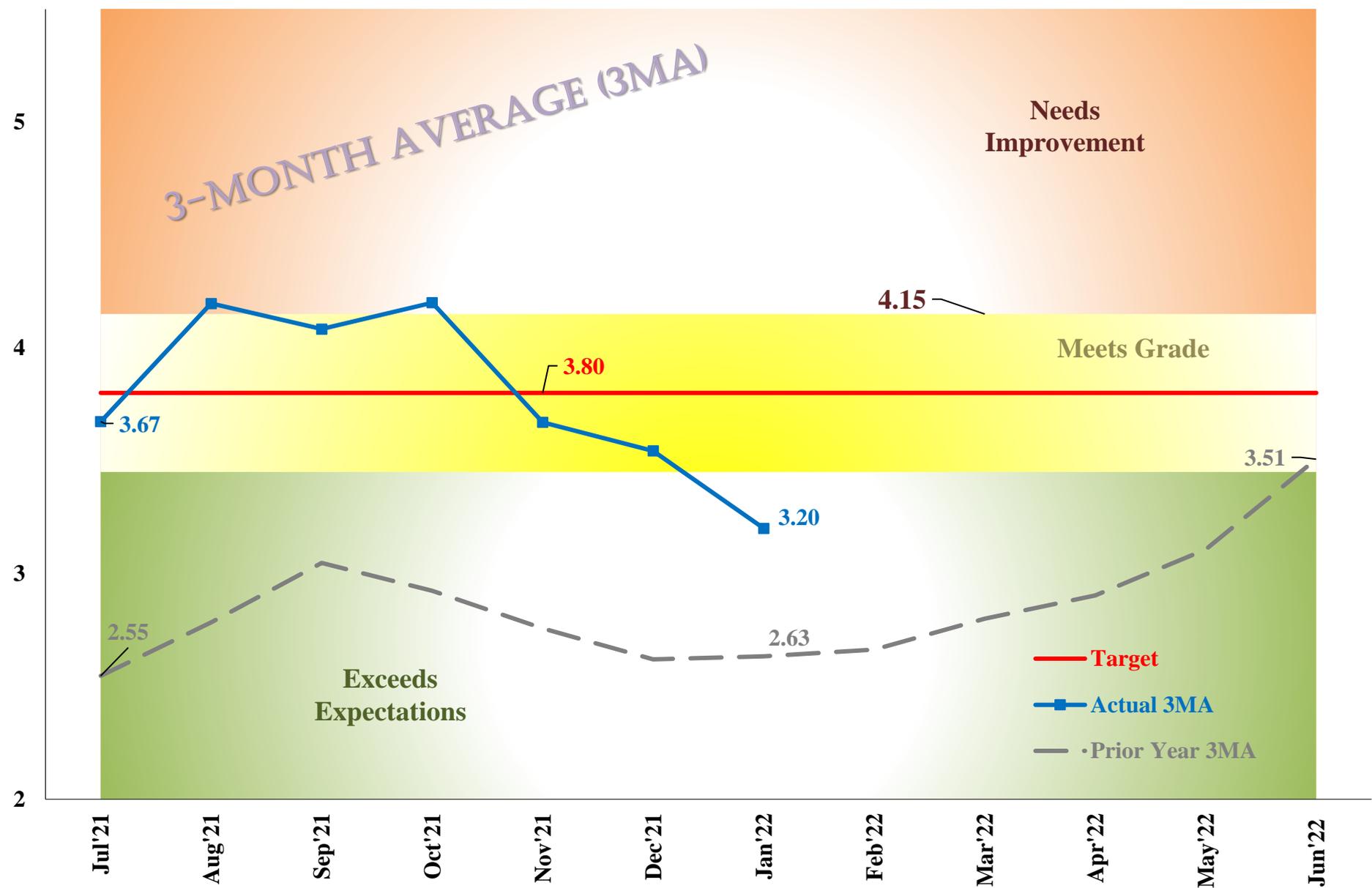


**Bus Mean Distance Between Failures** measured as the average actual vehicle miles (revenue + deadhead miles) between major mechanical failures reportable to NTD



# BUS SAFETY KPI

**Bus Collisions per 100K Miles** measured as the number of collisions involving bus service per 100,000 hub miles.

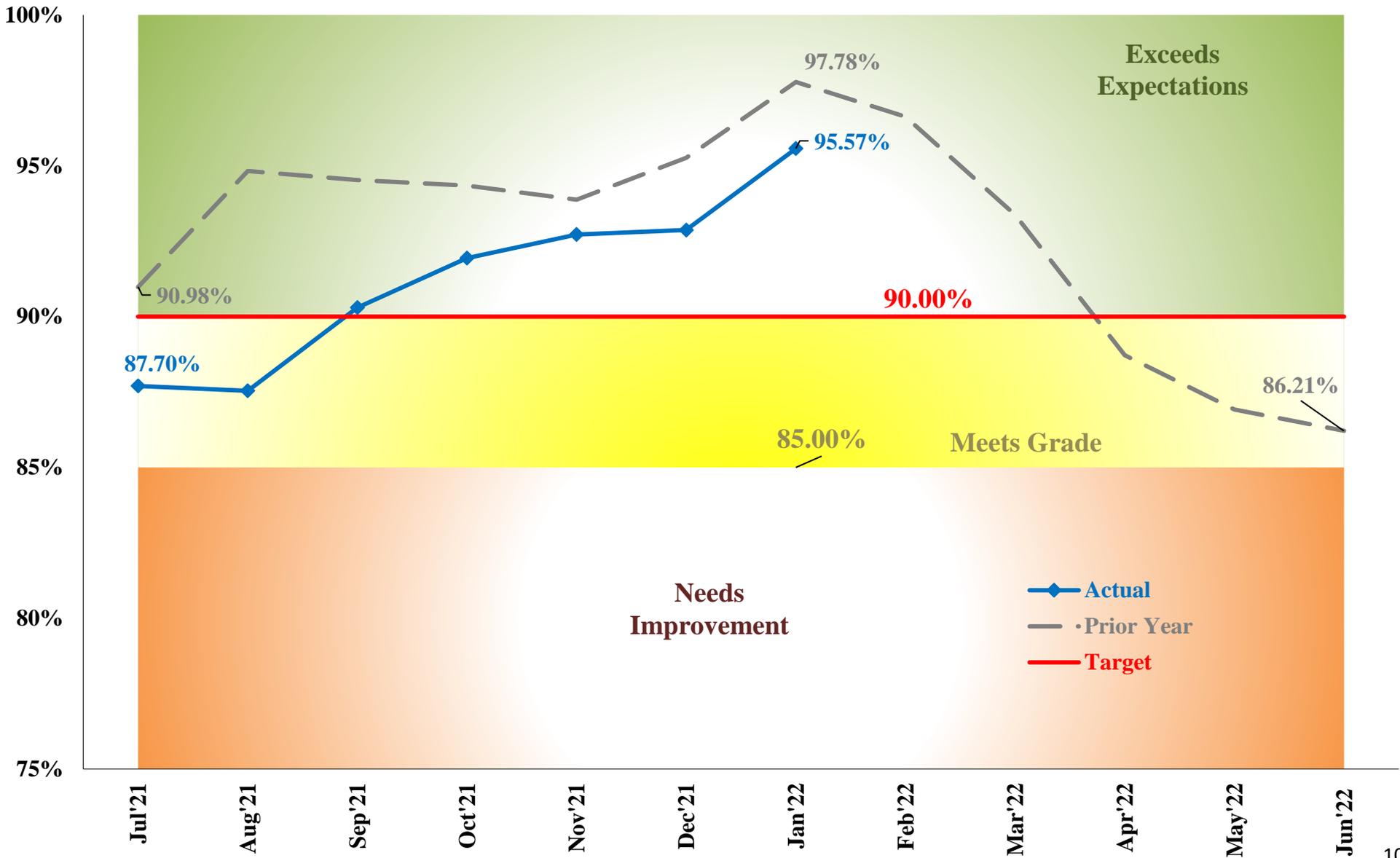


OFFICE OF  
MOBILITY

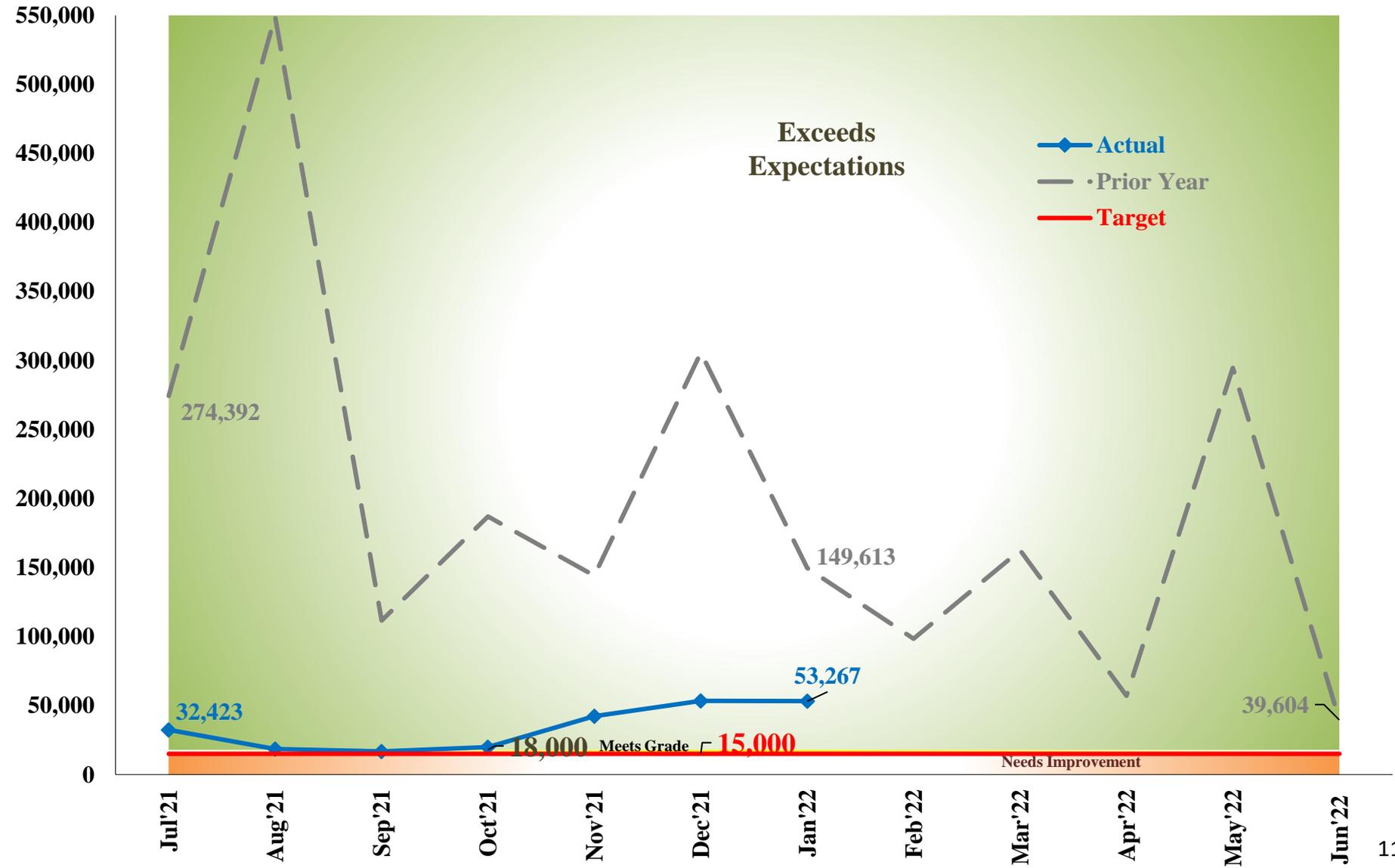
## Operations KPIs (Mobility)

KPI	FY22 Target	January FY22	Monthly Variance vs. Projected	FY22 Year-To-Date	YTD Variance vs. Projected	Variance vs. previous FY
On-Time Performance	90.00%	95.57%	5.57%	91.19%	1.19%	-3.32%
Mean Distance Between Failures	15,000	53,267	38,267	27,286	12,286	-163,357
Missed Trip Rate	0.50%	0.09%	-0.41%	0.30%	-0.20%	0.02%
Reservation Average Call Wait Time	2:00	0:52	-1:08	0:53	-1:07	0:38
Reservation Call Abandonment Rate	5.50%	1.85%	-3.65%	1.96%	-3.54%	1.66%
Customer Complaints per 1K Boardings	4.00	1.40	-2.60	2.45	-1.55	0.05

**Mobility On-Time Performance** measured as the percentage of MARTA Mobility customer pickups made within 30 minutes from scheduled pickup time.

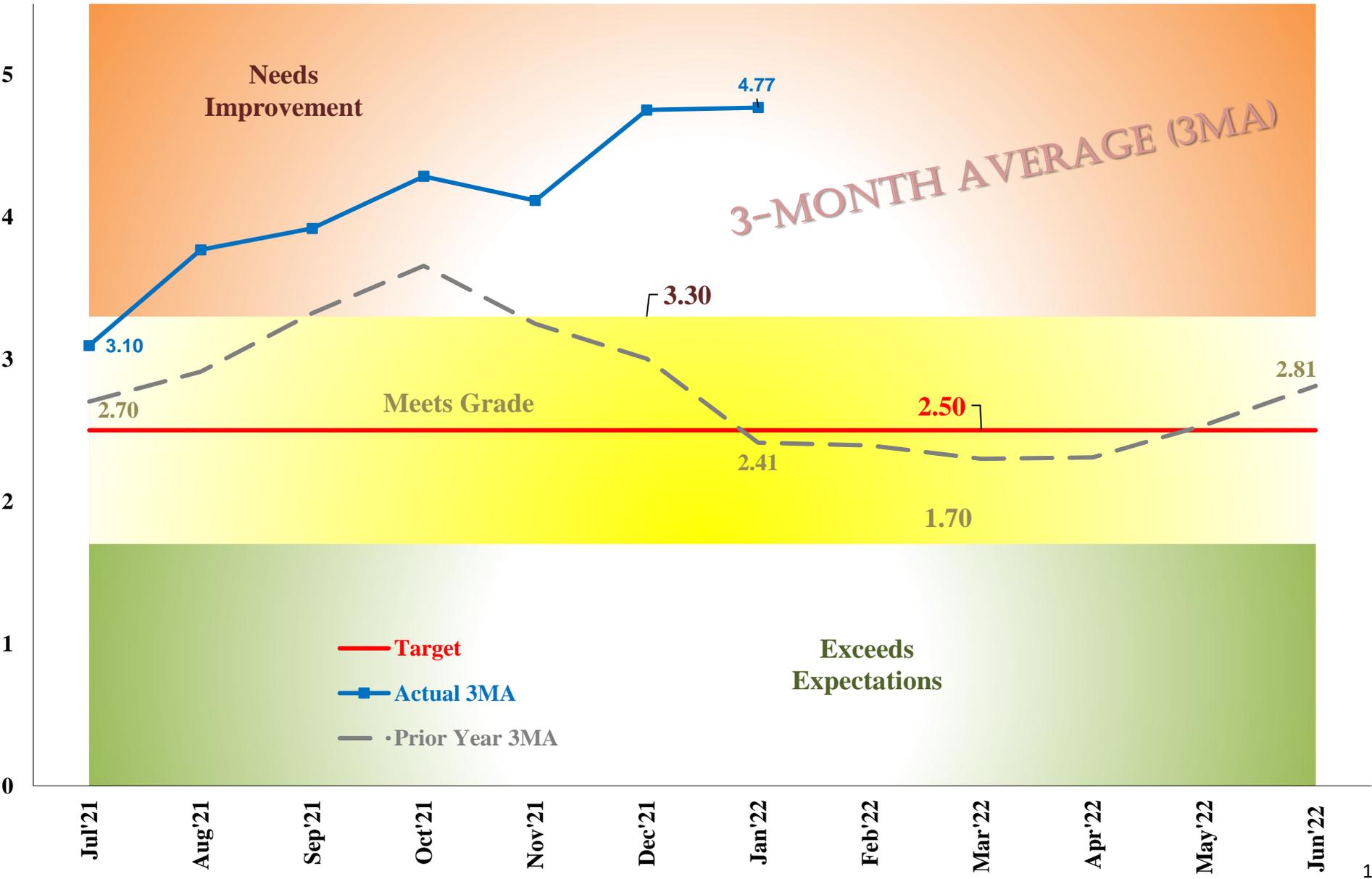


**Mobility Mean Distance Between Failures** measured as the average Mobility service miles between NTD reportable mechanical failures, i.e., those precluding a revenue vehicle from completing its revenue trip or starting its next scheduled revenue trip.



MOBILITY  
SAFETY KPI

**Mobility Collisions per 100K Miles** measured as the number of collisions involving Mobility service per 100,000 hub miles.



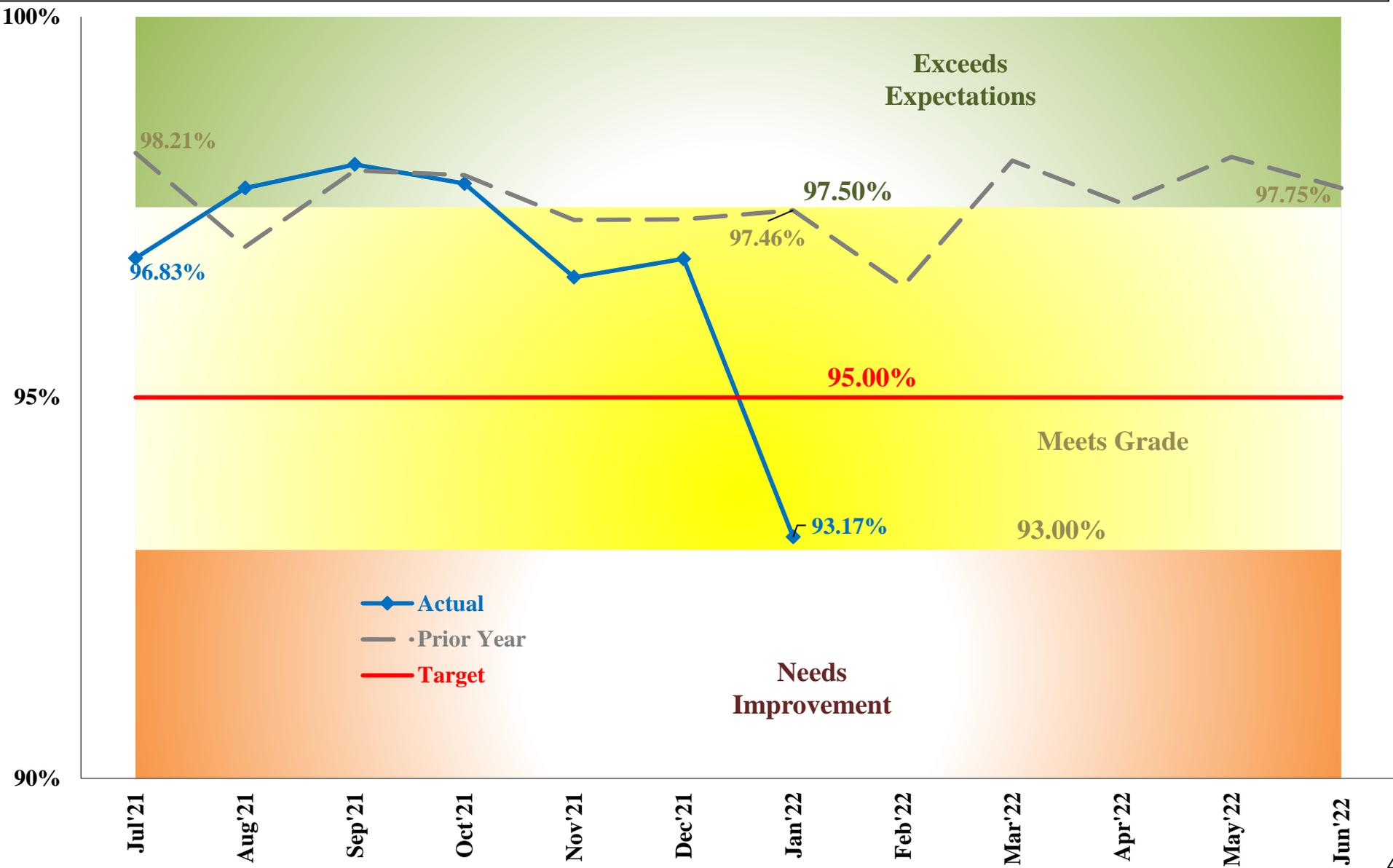
JANUARY FY22  
PERFORMANCE  
(RAIL OPERATIONS)

OFFICES OF  
RAIL  
TRANSPORTATION  
RAIL CAR  
MAINTENANCE

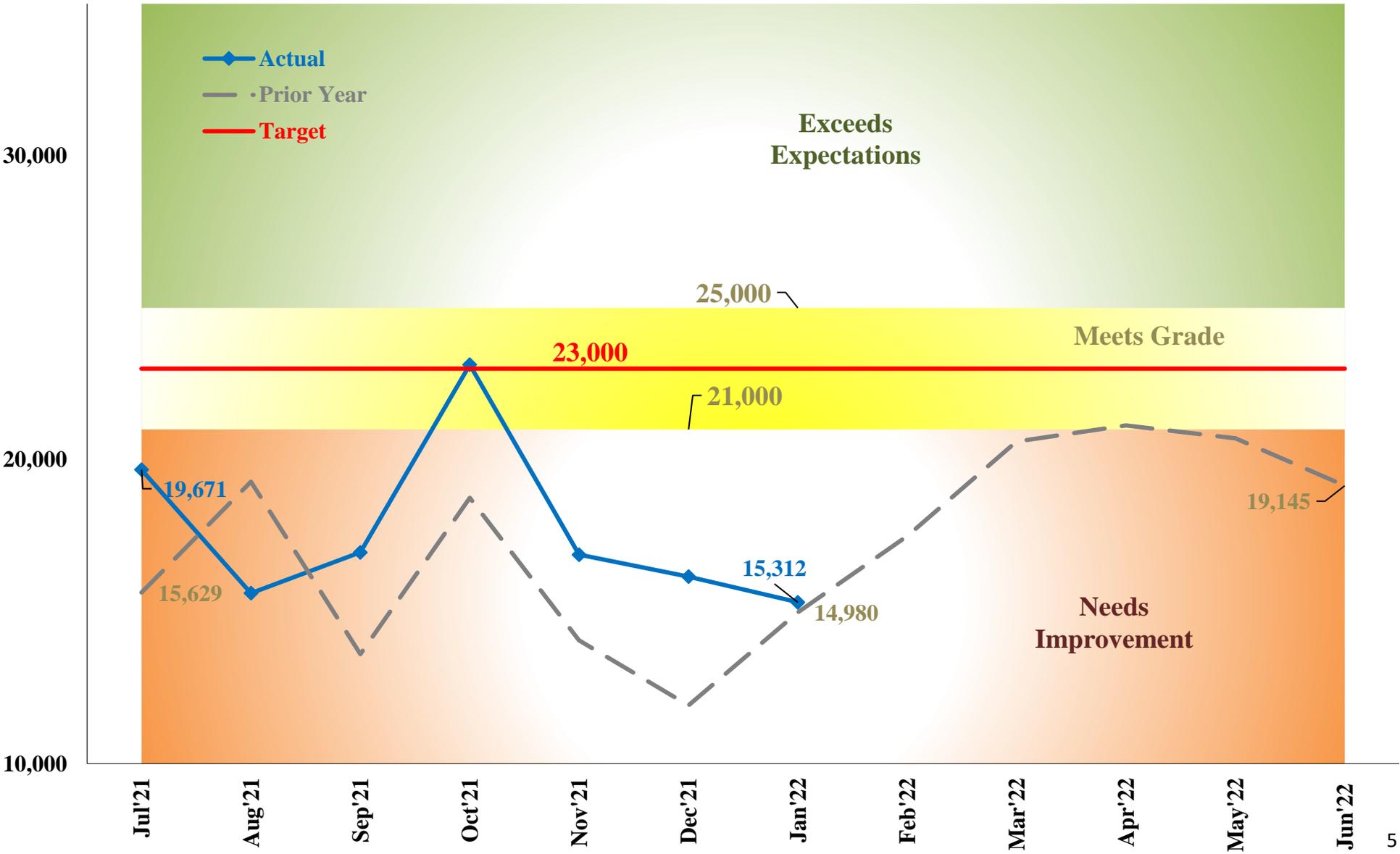
## Operations KPIs (Rail)

KPI	FY22 Target	January FY22	Monthly Variance vs. Projected	FY22 Year-To-Date	YTD Variance vs. Projected	Variance vs. previous FY
On-Time Performance	95.00%	93.17%	-1.83%	96.72%	1.72%	-0.88%
Mean Distance Between Failures	23,000	15,312	-7,688	17,364	-5,636	2,337
Mean Distance Between Service Interruptions	475	226	-249	477	2	-150
Customer Complaints per 100K Boardings	1.00	0.27	-0.73	0.28	-0.72	-0.30

**Rail On-Time Performance** measured as percentage of scheduled rail trips that originated and ended on-time, i.e., departed time points of origin and/or arrived at time points of destination no later than 5 minutes after scheduled time.



**Rail Mean Distance Between Failures** measured as the average rail car miles between NTD reportable mechanical failures, i.e., those precluding a rail car from completing its revenue trip or starting its next scheduled revenue trip.



OFFICE OF  
VERTICAL  
TRANSPORTATION

## Operations KPIs (Vertical Transportation)

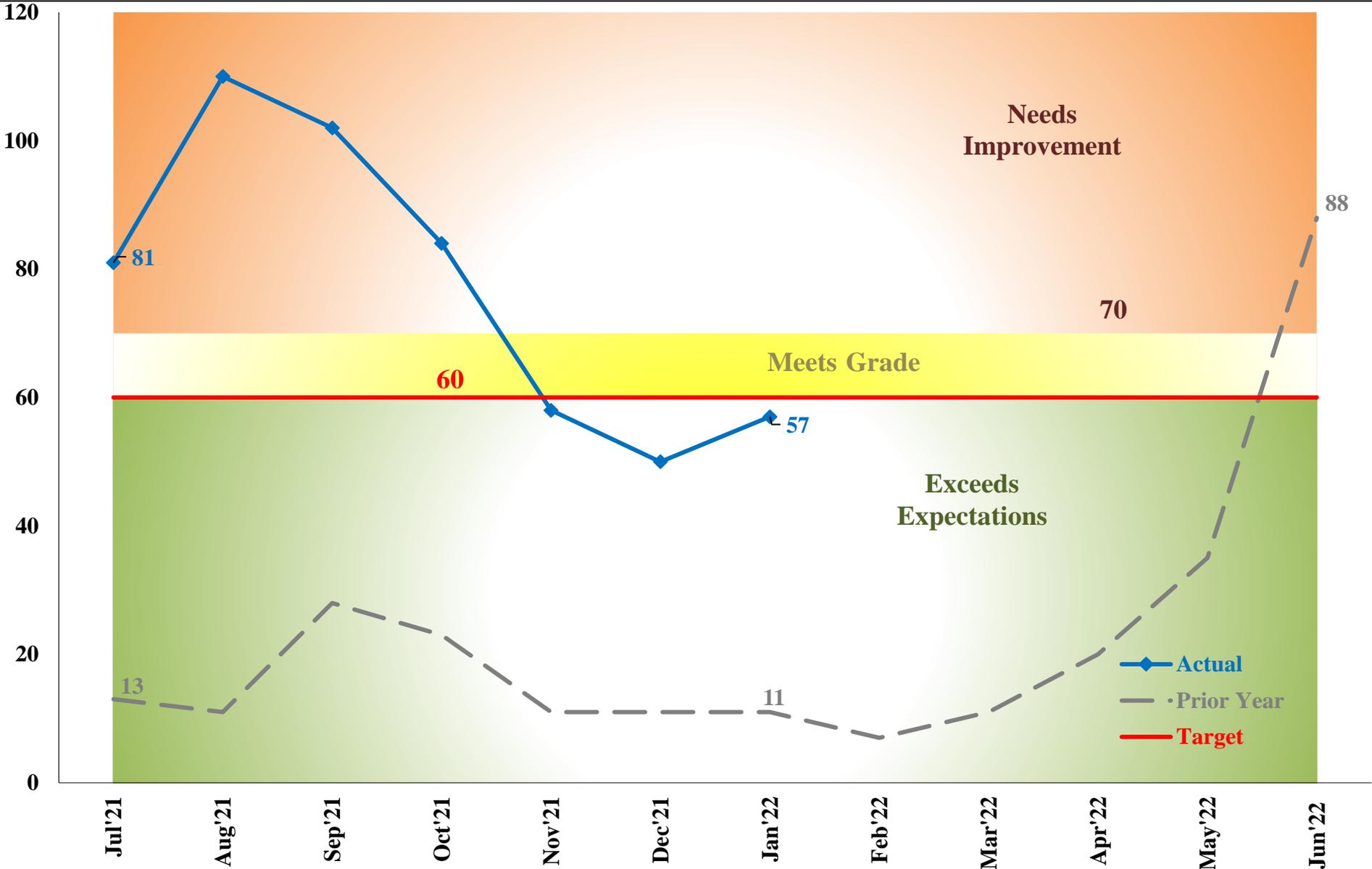
KPI	FY22 Target	January FY22	Monthly Variance vs. Projected	FY22 Year-To-Date	YTD Variance vs. Projected	Variance vs. previous FY
Escalator Availability	98.50%	98.73%	0.23%	98.53%	0.03%	0.14%
Elevator Availability	98.50%	98.83%	0.33%	98.73%	0.23%	0.10%

JANUARY FY22  
PERFORMANCE  
(CUSTOMER SERVICE)

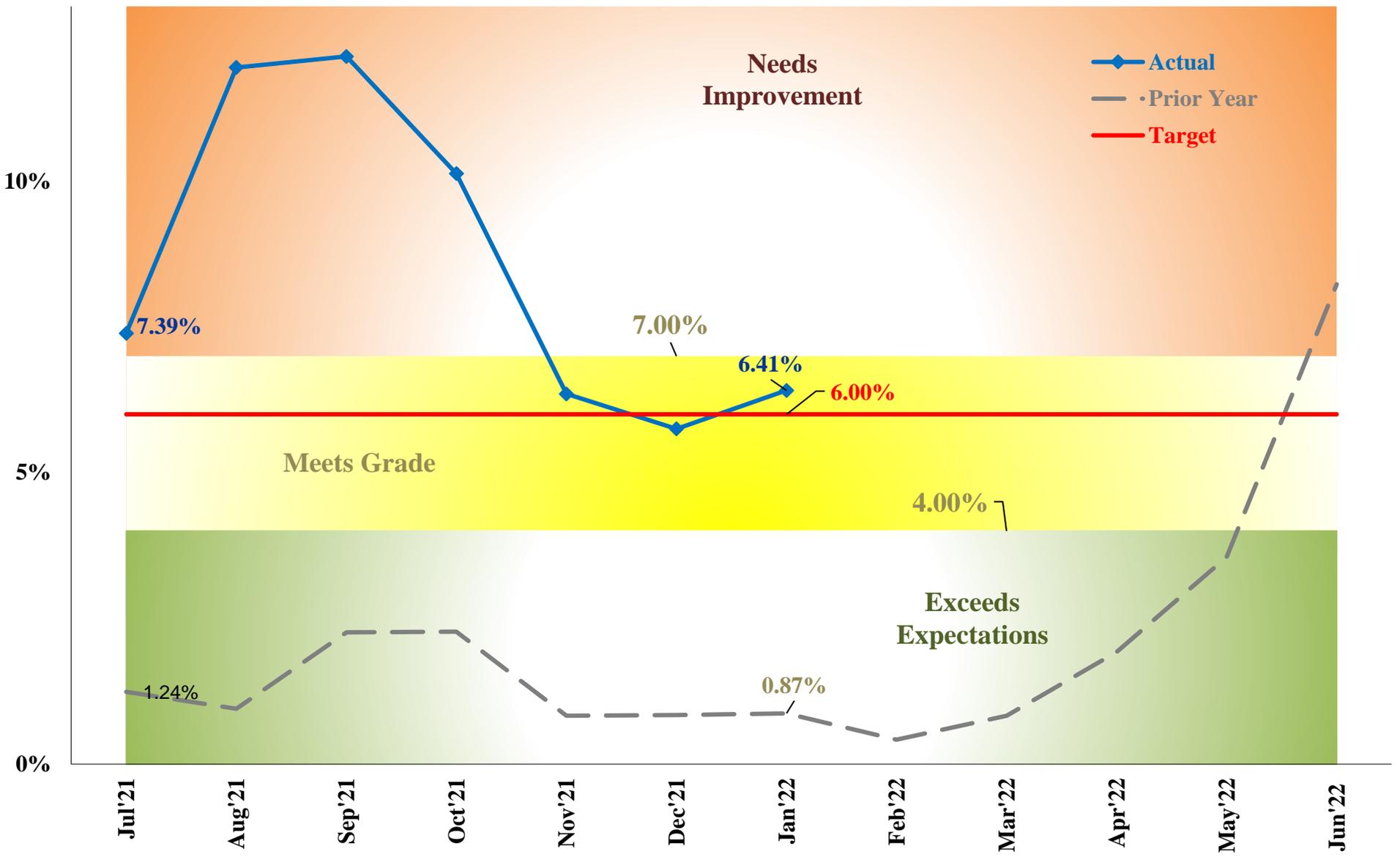
# Customer Service KPIs

KPI	FY22 Target	January FY22	Monthly Variance vs. Projected	FY22Year-To-Date	YTD Variance vs. Projected	Variance vs. previous FY
Average Customer Call Wait Time	1:00	0:57	-0:03	1:17	0:17	1:02
Customer Call Abandonment Rate	6.00%	6.41%	0.41%	8.76%	2.76%	7.26%

**Average Customer Call Wait (in seconds)** measured as average time a customer waits in queue prior to speaking to customer service representative.



**Customer Call Abandonment Rate** measured as the percentage of customers terminating a call, while waiting in queue for a customer service representative to answer the call.

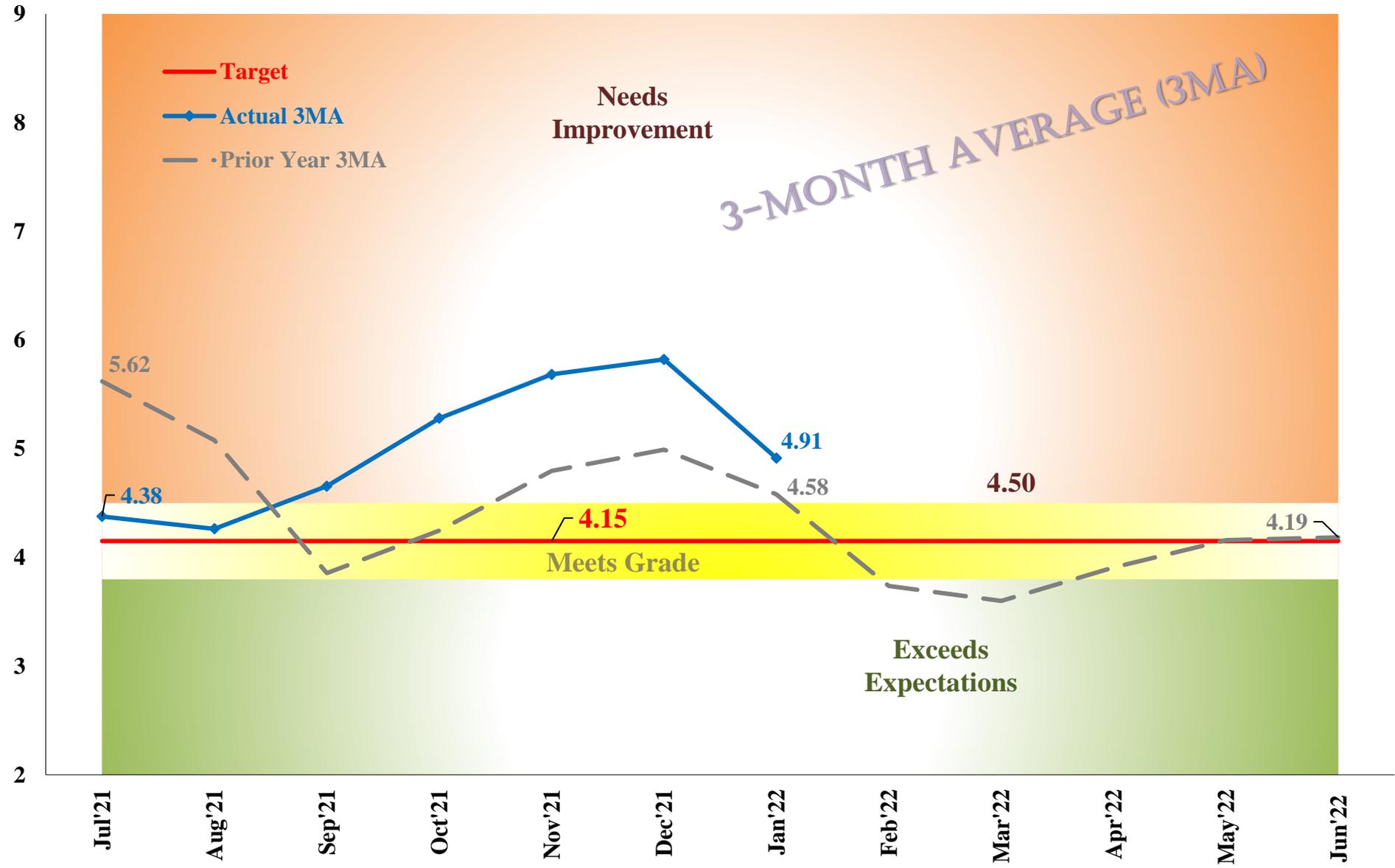


JANUARY FY22  
PERFORMANCE  
(SYSTEM SAFETY SECURITY &  
EMERGENCY MANAGEMENT)

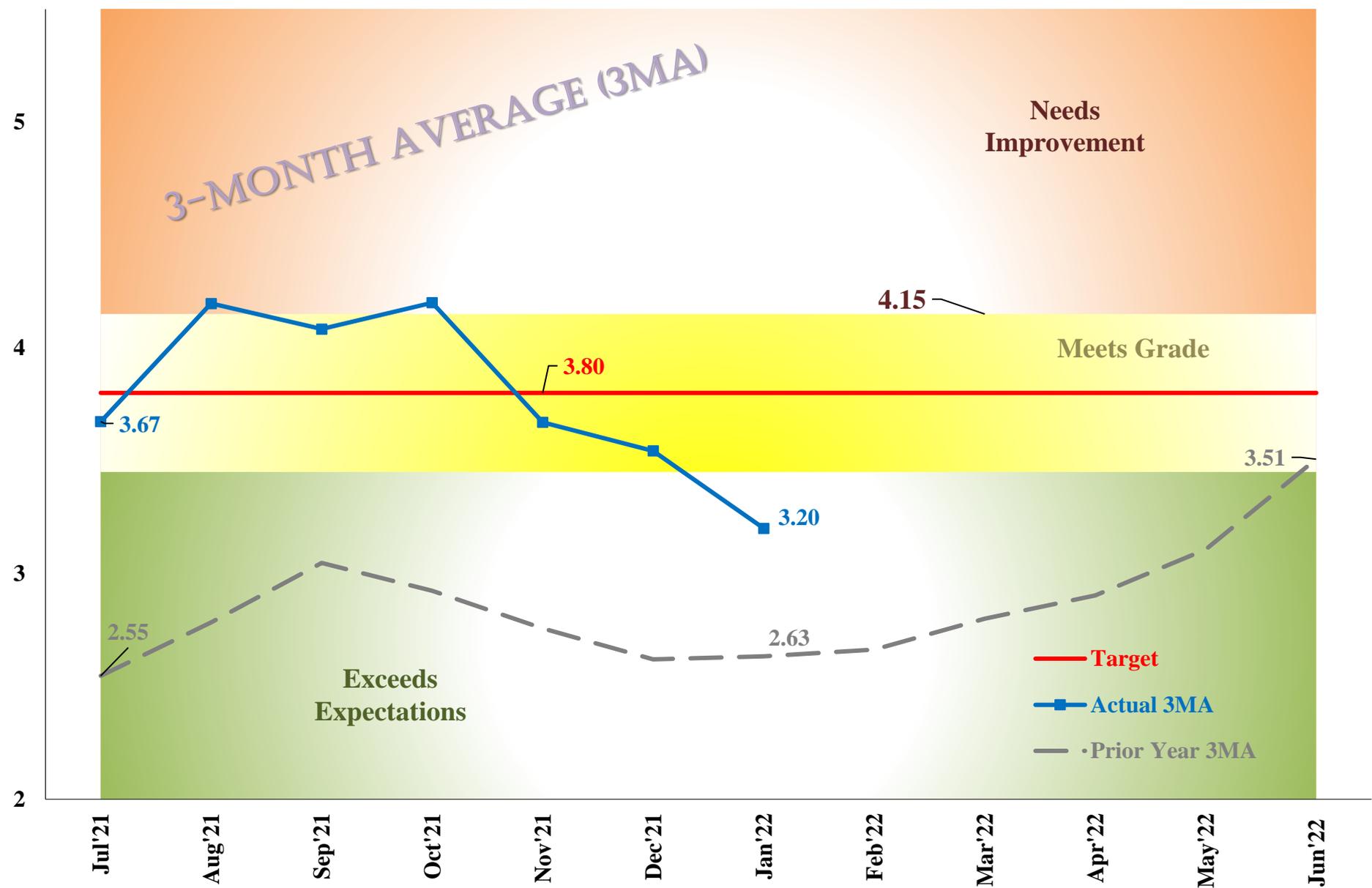
## Safety & Security KPIs

KPI	FY22 Target	January FY22	Monthly Variance vs. Projected	FY22 Year-To-Date	YTD Variance vs. Projected	Variance vs. previous FY
Part I Crime Rate	4.15	3.52	-0.63	5.03	0.88	0.84
Bus Collision Rate per 100K Miles	3.80	2.95	-0.85	3.70	-0.10	0.87
Mobility Collision Rate per 100K Miles	2.50	4.54	2.04	4.38	1.88	1.33
Employee Lost Time Incident Rate	3.80	2.61	-1.19	4.82	1.02	-1.11

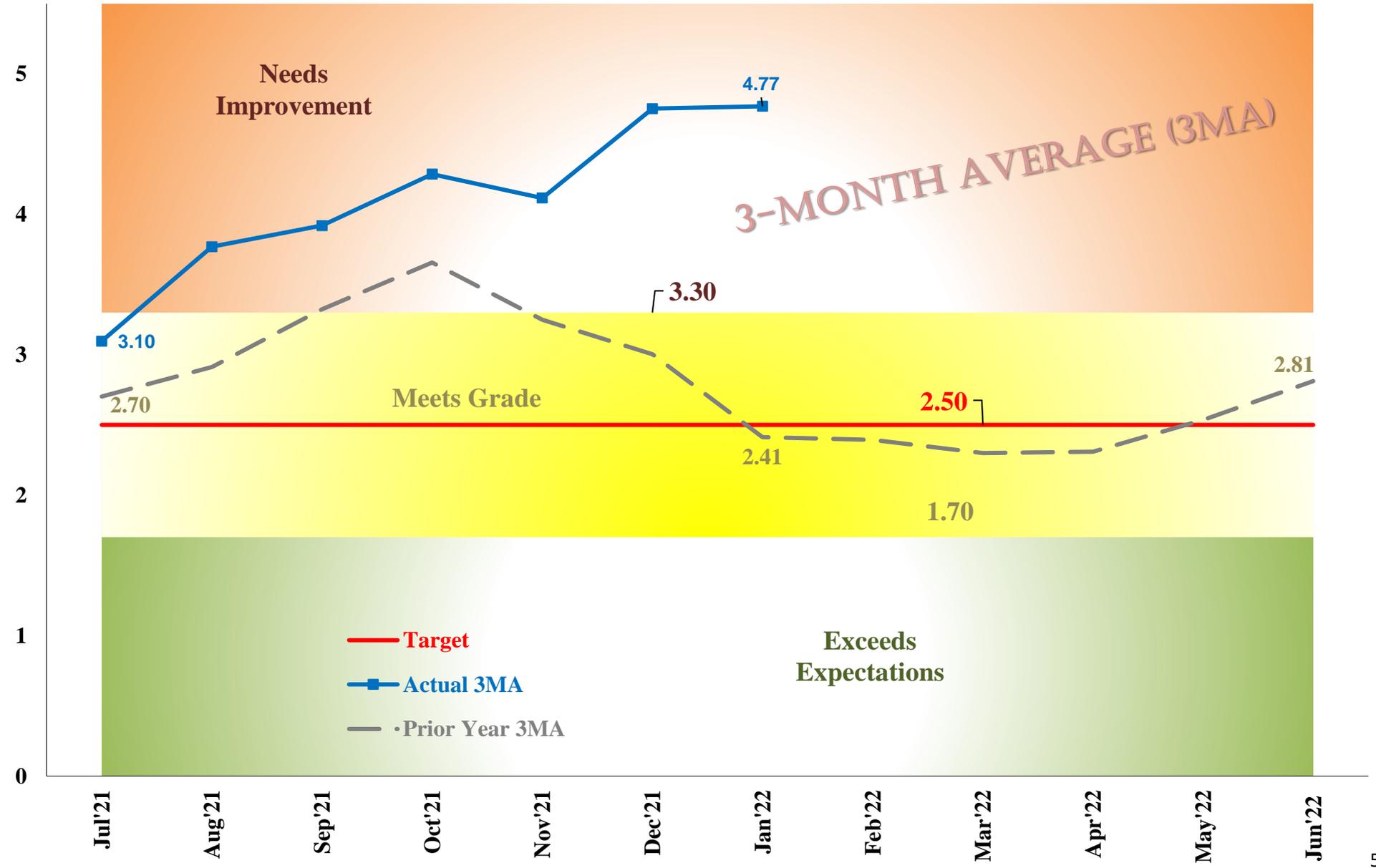
**Part I Crime Rate** measured as the number of Part I Crimes (homicide, forcible rape, aggravated assault, robbery, larceny/theft, motor vehicle theft, burglary, and arson) per one million unlinked passenger boardings.



**Bus Collisions per 100K Miles** measured as the number of collisions involving bus service per 100,000 hub miles.



**Mobility Collisions per 100K Miles** measured as the number of collisions involving Mobility service per 100,000 hub miles.



**Lost Time Incident Rate** measured as the annualized number of accidents resulting in the lost time of over 7 days per 100 employees.

