

MARYLAND TRANSIT ADMINISTRATION

# LOTS

# TRANSIT ASSET MANAGEMENT WORKSHOP

FY22 PERFORMANCE REVIEW; FY23 TARGET SETTING

SEPTEMBER 22, 2022

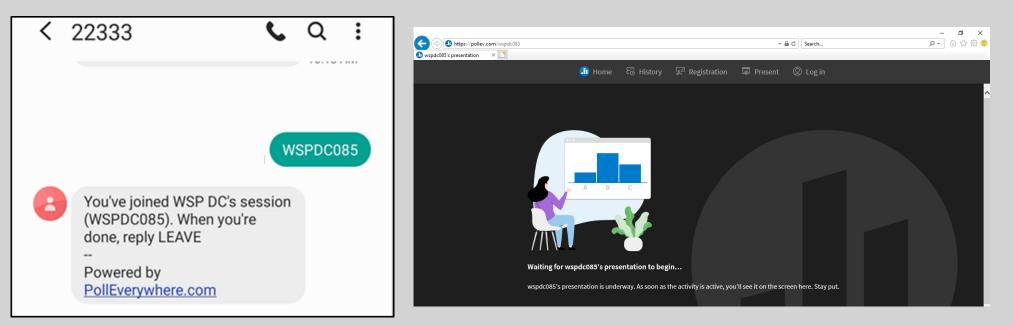
**\\\**])



### **Poll Everywhere - Be prepared to answer some poll questions**

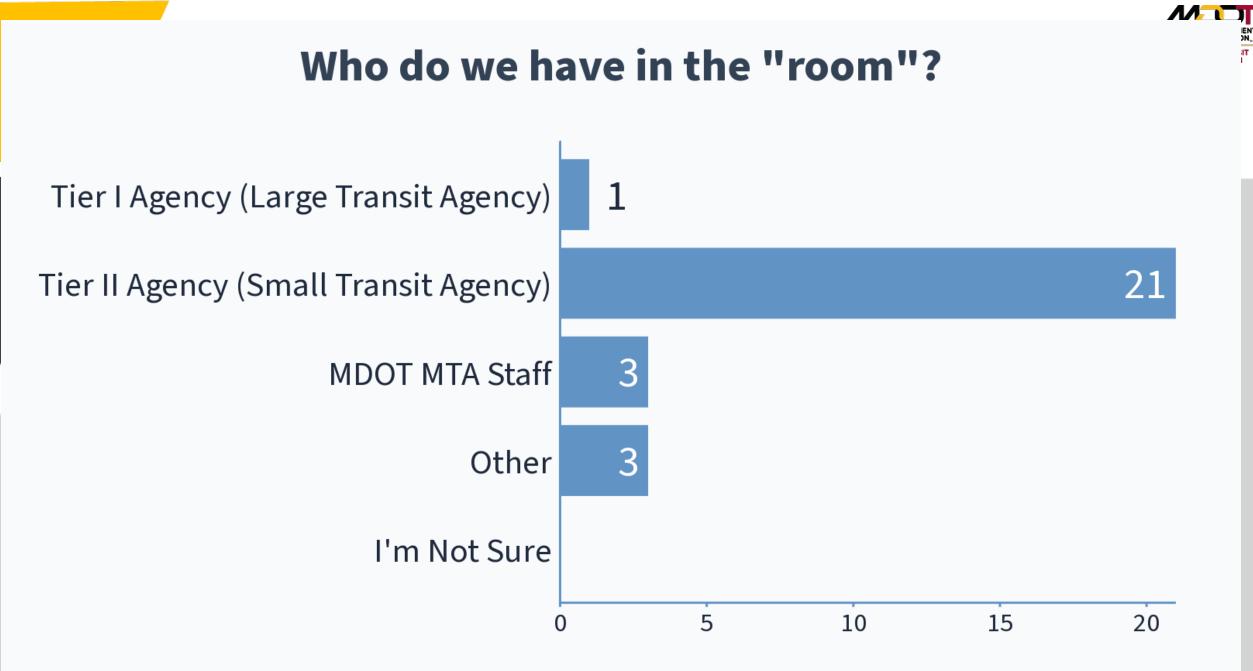
# OPTION 1: Text WSPDC085 to 22333

#### OPTION 2: Go to PollEv.com/wspdc085

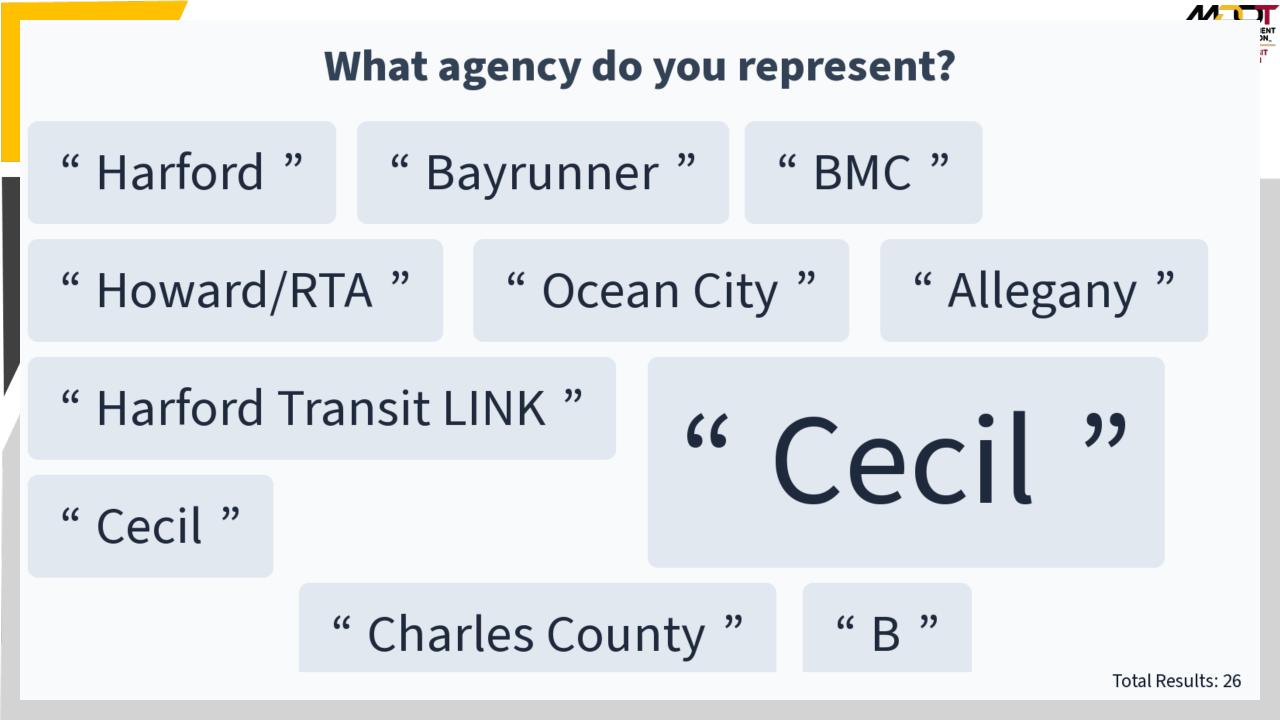




### trinidad iceland tobago scotland tal ygreece germa sweden englar naldives noneaustralia conferencestan portugal ta



Total Results: 28

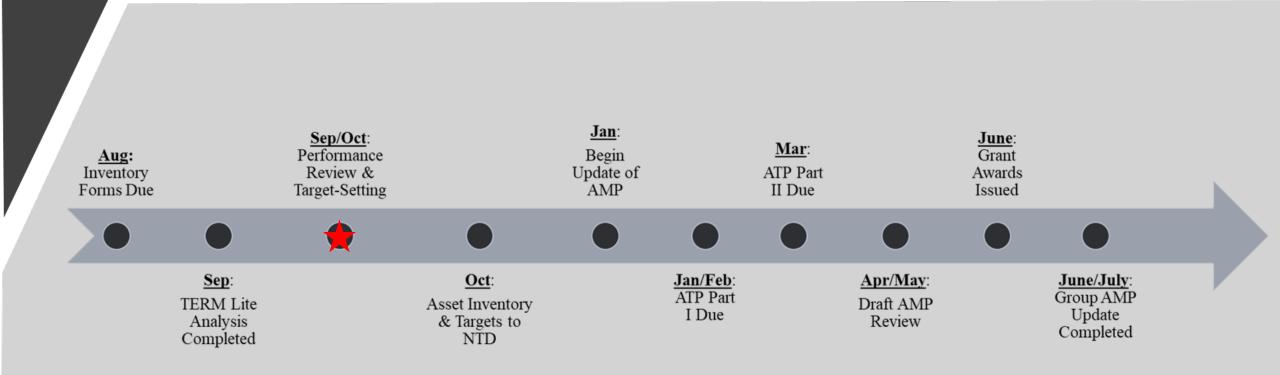




Total Results: 33



### **Annual Asset Management Timeline**





September 22, 2022



### **Workshop Objective**





#### Review FY22 Asset Inventory & Performance

Set FY23 Performance Targets



# Let's take a moment to acknowledge...



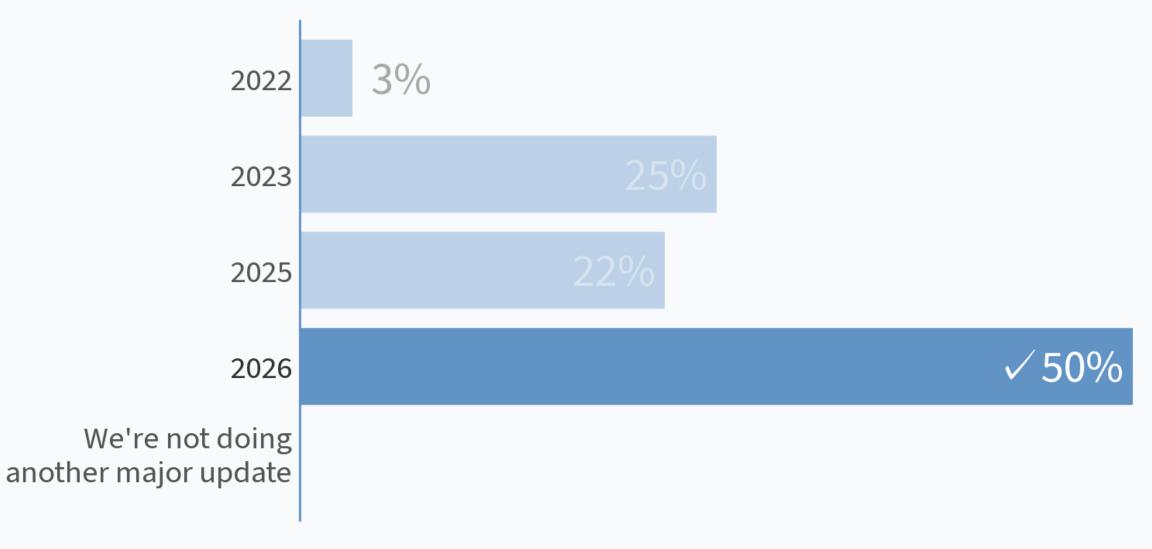
### 2022 Updated Tier II LOTS Group TAMP



### You may recall...

- Minor annual TAMP updates aligned with ATP process
  - Asset performance baseline
  - Annual performance target
  - Project prioritization
- Major 4-year updates
  - Updating all sections

### What year is our next major TAM Plan update?



Total Results: 32



### Lather, Rinse, Repeat...

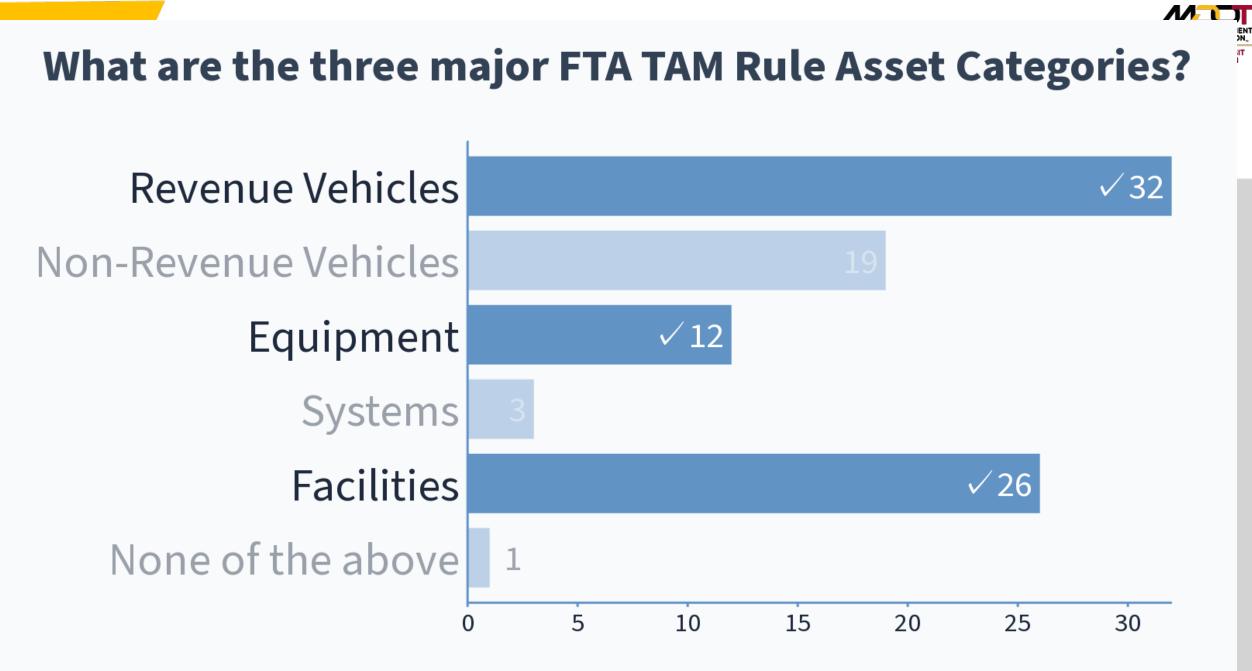
### **2023 Update:** Minor annual update

- FY22 asset performance baseline (i.e. what we are reviewing today)
- FY23 annual performance target (i.e. what we are setting today)
- Project prioritization (TBD in the ATP process)
- Other changes (e.g. scenario analysis)



# ASSET PERFORMANCE REVIEW

FY22 Performance Baseline - as of June 30, 2022



Total Results: 93



## Inventory Updates (Tier II LOTS)

	FY19**	FY20**	FY21**	FY22**
Total Assets	829	821	822	825
Revenue Vehicles	678	666	671	688
Non-Revenue Vehicles	94	108	105	91
Facilities	56	47	46	46

Total Value	\$261,908,586	\$273,764,442	\$282,703,427	\$293,054,874
Revenue Vehicles	\$117,708,669	\$120,605,150	\$124,782,015	\$130,964,978
Non-Revenue Vehicles	\$3,052,449	\$3,629,185	\$3,778,075	\$3,462,990
Facilities	\$140,642,516	\$149,530,107	\$154,143,337	\$158,626,906

\*\*excludes facilities with no capital responsibility



### **Performance Measures**

Asset Category	Performance Measure	Performance Target
<b>Rolling Stock</b> All revenue vehicles	Age	% of revenue vehicles within a particular asset class that have met or exceeded their Useful Life Benchmark (ULB)
<b>Equipment</b> Maintenance equipment or non-revenue vehicles	Age	% of non-revenue vehicles that have met or exceeded their Useful Life Benchmark (ULB)
Facilities All buildings or structures	Condition	% of facilities with a condition rating below 3.0 on the FTA Transit Economic Requirements Model (TERM) Scale



### **Revenue Vehicle Performance (Tier II)**

FY21 Summary:	Asset Class	FTA Useful Life Benchmark (Years)	Total Vehicle Quantity	Quantity at or Past FTA Useful Life Benchmark	Percent at or Past FTA Useful Life Benchmark
	Articulated Buses (AB)	14	5	0	0%
	Automobile (AO)	7	11	7	64%
	Bus (BU)	Various	274	57	21%
	Cutaway (CU)	8	342	79	23%
	Ferryboat (FB)	10	4	3	75%
	Minivan (MV)	7	15	2	13%
	Trolleybus (TB)	12	1	0	0%
	Van (VN)	7	19	1	5%
	Totals		671	149	22%
FY22 Summary:	Asset Class	FTA Useful Life Benchmark (Years)	Total Vehicle Quantity	Quantity at or Past FTA Useful Life Benchmark	Percent at or Past FTA Useful Life Benchmark
	Articulated Buses (AB)	14	5	3	60% 🔴
	Automobile (AO)	7	14	8	57% •
	Bus (BU)	Various	264	51	19% 🔍
	Cutaway (CU)	8	359	100	28%
	Ferryboat (FB)	10	4	3	75%
	Minivan (MV)	7	17	2	12% •
	Trolleybus (TB)	12	2	1	50% 🗕
	Van (VN)	7	23	3	13% 🗕
September 22, 2022	Totals		688	171	25%



### **Non-Revenue Vehicle Performance (Tier II)**

### FY21 Summary:

Asset Class	FTA Useful Life Benchmark (Years)	Total Vehicle Quantity	Quantity at or Past FTA Useful Life Benchmark	
Automobiles	10	44	18	41%
Trucks & Other Rubber Tire Vehicles	10	61	32	52%
Total		105	50	48%

### FY22 Summary:

Asset Class	FTA Useful Life Benchmark (Years)	Total Vehicle Quantity	Quantity at or Past FTA Useful Life Benchmark	Percent at or Past FTA Useful Life Benchmark
Automobiles	10	38	13	34% •
Trucks & Other Rubber Tire Vehicles	10	53	30	57% •
Total		91	43	47%



### **Facility Condition Assessment**

	Rating	Condition	Description		
ſ	5	Excellent	No visible defects, new or near new condition, may still be under warranty if applicable		
	4	Good	Good condition, but no longer new, may have some slightly defective or deteriorated component(s), but is overall functional		
ľ	3	Adequate	Moderately deteriorated or defective components; but has not exceeded useful life		
	2	Marginal	Defective or deteriorated component(s) in need of replacement; exceeded useful life		
	1	Poor	Critically damaged component(s) or in need of immediate repair; well past useful life		
	State of Good Repair (Facilities) = 3+				



## **Facilities Performance (Tier II)**

### \*FY21 Summary:

Asset Class	Total Quantity	Quantity Below TERM Scale 3	
Administrative/Maintenance	41	0	0%
Passenger/Parking	5	0	0%
Totals	46	0	0%

\*Only facilities with capital responsibility

### \*FY22 Summary:

Asset Class		Quantity Below TERM Scale 3**	
Administrative/Maintenance	41	0	0% •
Passenger/Parking	5	0	0% •
Totals	46	0	0% •

\*Only facilities with capital responsibility \*\*98% with physical condition assessments



# INVENTORY DATA QUALITY & PERFORMANCE PACKET REVIEW



### **Data Quality Improvements**

- No In-Service dates earlier than 1972
- Unit costs below \$100 (17 records)
  - Furniture
  - Miscellaneous Maintenance Equipment
  - Brake Lathe



### Asset class crosswalk

#### • Revenue Vehicles

Revenue Vehicles	Accessible_Car	Accessible_Van	Bus_Heavy_Duty_Lrg	Bus_Heavy_Duty_Med	Bus_Medium_Duty	Bus_Light_Duty	Passenger_Ferry
Articulated Buses (AB)			5				
Automobile (AO)	14						
Bus (BU)			105	90	69	8	
Cutaway (CU)						351	
Ferryboat (FB)							4
Minivan (MV)		17					
Trolleybus (TB)				1	1		
Van (VN)		23					

#### • Non-Revenue Vehicles

Non-Revenue Vehicles	Non_RevVehicle	Support_Car_Truck	Support_Van
Automobile	10	23	5
Trucks & Other Rubber Tire			
Vehicles	19	23	11



### **Individual LOTS Asset Performance** Packet

**WHERE:** ProjectWise Asset **Management Folder** 

Contact Chris Taylor (CTaylor7@mdot.maryland.gov) or

Ron Bruno

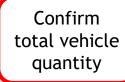
(Ronald.Bruno2@wsp.com)

if your packet is missing





### **Performance Packet – Summary Overview**



#### Tier II LOTS Asset Performance Summary

NTD Vehicle Type	FTA Useful Life Benchmark (Years)	Total Vehicle Quantity	Quantity at or Past FTA Useful Life Benchmark	Percent at or Past FTA Useful Life Benchmark
Articulated Buses (AB)	14	5	-	0%
Automobile (AO)	7	11	7	64%
Bus (BU)	Various	329	68	21%
Cutaway (CU)	8	299	70	23%
Ferryboat (FB)	10	4	3	75%
Minivan (MV)	7	11	2	18%
Trolleybus (TB)	12	1	-	0%
Van (VN)	7	18	-	0%
Totals		678	150	22%

#### EQUIPMENT (Non-Revenue Vehicles and Other Equipment)

NTD Equipment Type	FTA Useful Life Benchmark (Years)	Total Equipment Quantity	Quantity at or Past FTA Useful Life Benchmark	Percent at or Past FTA Useful Life Benchmark	
Communications - Phone System	12	3	2	67%	
Communications - Radio	10	48	17	35%	
Communications - Safety	20	13	-	-	
Maintenance Equipment	Varies	82	13	16%	
Revenue Collection	12	38	-	-	
ITS	12	64	15	23%	
Non-Revenue Vehicles - Automobile	10	54	21	39%	
Non-Revenue Vehicles - Trucks	10	53	26	49%	
Totals		355	94	26%	

#### FACILITIES

Facility Type	Total Number of Facilities	Facilities with Capital Responsibility	Facilities Below 3 on TERM-Lite Scale	% Below 3 on TERMLite Scale
Admin & Maint	62	41	-	0.0%
Passenger	7	5	-	0.0%
Totals	69	46	0	0.0%

#### LOTS NAME HERE Asset Performance Summary

#### REVENUE VEHICLES

NTD Vehicle Type	FTA Useful Life Benchmark (Years)	Total Vehicle Quantity	Quantity at or Past FTA Useful Life Benchmark	Percent at or Past FTA Useful Life Benchmark
Articulated Buses (AB)	14	-	-	-
Automobile (AO)	7	-	-	-
Bus (BU)	Various	10	-	0%
Cutaway (CU)	8	35	11	31%
Ferryboat (FB)	10	-	-	-
Minivan (MV)	7	-	-	-
Trolle ybus (TB)	12	-	-	-
Van (VN)	7	3	-	0%
Totals		48	11	23%

#### EQUIPMENT (Non-Revenue Vehicles and Other Equipment)

NTD Equipment Type	Benchmark Ouantity		Quantity at or Past FTA Useful Life Benchmark	Percent at or Past FTA Useful Life Benchmark
Communications - Phone System	12	-	-	-
Communications - Radio	10	-	-	-
Communications - Safety	20	-	-	-
Maintenance Equipment	Varies	-	-	-
Revenue Collection	12	-	-	-
ITS	12	-	-	-
Non-Revenue Vehicles - Automobile	10	-	-	-
Non-Revenue Vehicles - Trucks	10	-	-	-
Totals		-	-	-

#### FACILITIES

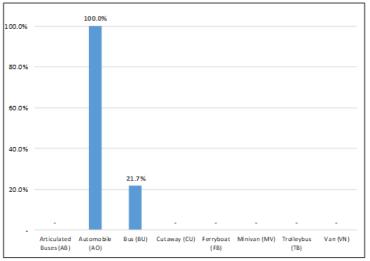
Facility Type	Total Number of Facilities	Facilities with Capital Responsibility	Facilities Below 3 m TERM-Lite Scale	% Below 3 on TERMLite Scale
Admin & Maint	2	-	-	0.0%
Passenger	-	-	-	0.0%
Totals	2	0	0	0.0%



### **Performance Packet – Vehicle Detail**

	Vehicles F	Frformance	9		
NTD Vehicle Type	MTA Vehicle Type	FTA Useful Life Benchmark (Years)	Total Vehicle Quantity	Quantity at or Past FTA Useful Life Benchmark	Percent at or Past FTA Use ful Life Benchmark
	Heavy Duty Bus (Large)	14	-	-	-
Articulated Buses (AB)/	Heavy Duty Bus (Medium)	12	-	-	-
Bus (BU)/ Trolleybus (TB)	Medium Duty Bus	10	-	-	-
Cutaway Bus (CU)	Light Duty Bus	8	23	5	22%
Automobile (AO)	Accessible Car	7	1	1	100%
Minivan (MV)/Van (VN)	Accessible Van	7	-	-	-
Ferry Boat (FB)	Passenger Ferry	42	-	-	-
Totals		-	24	6	25%

Percent of Vehicles at or Past FTA Useful Life Benchmark



	100.0%						
%							
%							
%							
%							
%		21.7%					
/0							
			-	-	-	-	-

Confirm vehicle type and model year

REVENUE VEHICLES						
Asset Class	Total # of Vehides	In-Service Year	Current Age (Yrs)	FTA Useful Life Benchmark (Years)	#of Vehides at or Past FTA Use ful Life Benchmark	% at or Past FTA Use ful Life Bench mark
Light-Duty Van	23			8	5	21.74%
Ford	5	2010	11	8	5	
Ford	5	2014	7	8	-	
Ford	3	2016	5	8	-	
Ford	3	2017	4	8	-	
Ford	1	2018	3	8	-	
Ford	6	2019	2	8	-	
Automobile	1			7	1	100.00%
Ford	1	2011	10	7	1	



### Vehicle Asset Class Crosswalk Error

### Asset Performance Summary

REVENUE VEHICLES				
NTD Vehicle Type	FTA Useful Life Benchmark (Years)	Total Vehicle Quantity	Quantity at or Past FTA Useful Life Benchmark	Percent at or Past FTA Useful Life Benchmark
Articulated Buses (AB)	14	-	-	-
Automobile (AO)	7	1	1	100%
Bus (BU)	Various	23	5	22%
Cutaway (CU)	8	-	-	-
Ferryboat (FB)	10	-	-	-
Minivan (MV)	7	-	-	-
Trolleybus (TB)	12	-	-	-
Van (VN)	7	-	-	-
Totals		24	6	25%

### • Revenue Vehicles Performance Summary

NTD Vehicle Type	MTA Vehicle Type	FTA Useful Life Benchmark (Years)	Total Vehicle Quantity	Quantity at or Past FTA Useful Life Benchmark	Percent at or Past FTA Useful Life Benchmark
Articulated Buses (AB)/	Heavy Duty Bus (Large)	14	-	-	-
Bus (BU)/ Trolleybus (TB)	Heavy Duty Bus (Medium)	12	-	-	-
	Medium Duty Bus	10	-	-	-
Cutaway Bus (CU)	Light Duty Bus	8	23	5	22%
Automobile (AO)	Accessible Car	7	1	1	100%
Minivan (MV)/Van (VN)	Accessible Van	7	-	-	-
Ferry Boat (FB)	Passenger Ferry	42	-	-	-
Totals			24	6	25%



Confirm vehicle type and model year

### **Performance Packet – Equipment Detail**

Equipment Performance										
NTD Equipment Type MTA Equipment Type Benchmark (Years) Total Equipment Quantity at or Percent at or Past FTA Useful Life Benchmark Life Benchmark Life Benchmark										
Communications	Phone System	12	-	-	-					
Communications - Radio	Radio	10	-	-	-					
Communications - Safety	Safety and Security	20	-	-	-					
Maintenance Equipment	All	Varies	14	3	21%					
Revenue Collection	All	12	-	-	-					
ITS	All	12	3	1	33%					
Non-Revenue Vehicles	Non-Revenue Vehicles	10	7	3	43%					
Totals			24	7	29%					

Percent of Equipment at or Past FTA Useful Life Benchmark

100%							
80%							
60%							
40% -						33%	43%
20% -				21%			
	Com Phone	Com Radio	Com S&S	Equipment	Rev. Collection	ITS	NRV

#### EQUIPMENT (NON-REVENUE VEHICLES)

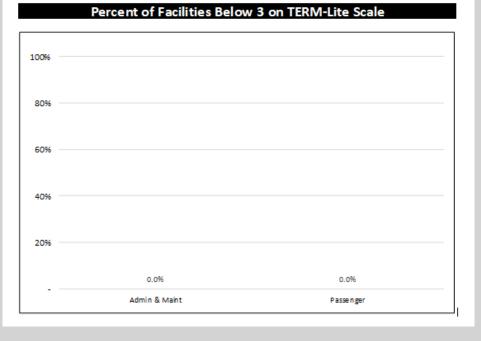
Asset Class	Total # of Vehicles	In-Service Year	Current Age (Yrs)	FTA Useful Life Benchmark (Years)	# of Vehicles at or Past FTA Useful Life Benchmark	% at or Past FTA Useful Life Benchmark
Non Revenue Vehicle	7			10	3	42.86%
FORD	1	2009	11	10	1	
FORD	1	2011	9	10	-	
FORD	2	2012	8	10	-	
FORD	1	2013	7	10	-	
CHEVROLET	1	2004	16	10	1	
DODGE	1	2006	14	10	1	



### **Performance Packet – Facilities Detail**

Facilities	Performance	

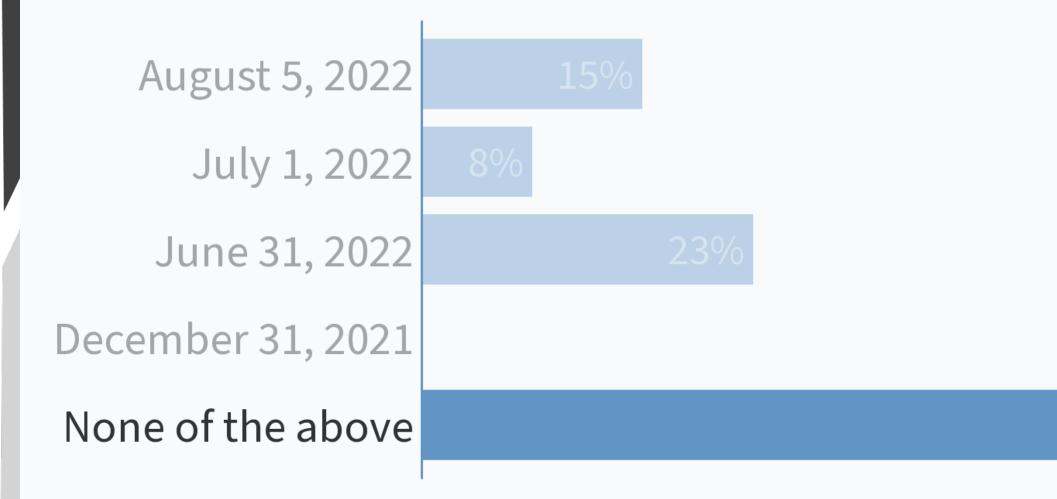
Facility Type	Total Number of Fadlities	Fadlities with Capital Responsibility	Facilities Below 3 on TERM-Lite Scale	% Below 3 on TERMLIte Scale
Admin & Maint	4	4	-	0.0%
Passenger	3	3	-	0.0%
Totals	7	7	0	0.0%



Facility Name	Overall Facility TERM-Lite Score	Capital Responsibilit	• Assessment?	Confirm facility names	
North End Transit Station	4.0	Yes	Yes		
South End Transit Station	3.9	Yes	Yes	and capital	
Park N Ride Transit Station	3.9	Yes	Yes		
Department of Public Works - Adm Bus Wash Facility Building F	ir 4.0 3.8	Yes Yes	Yes Yes	responsibility	
Transportation Service Building	4.9	Yes	No		
New Bus Wash Facility	4.9	Yes	No		
North End Transit	Station (Passeng	er)		-	
Facility Components	Component		erall Facility		
	Score	TER	M-Lite Score		
Sub	4.0				
Shell	4.0				
Interiors	4.0				
Conveyance	-				
Plumbing	4.0		4.0	Confirm	
HVAC	4.0	4.0			
Fire	4.0			facility asset	
Electrical	4.0			· ·	
Site	-			class/type	
Equipment	-				
South End Transit	Station (Passeng	er)			
Facility Components	Component	t Öv	erall Facility		
	Score	TER	M-Lite Score		
Sub	4.0				
Shell	3.5				
Interiors	3.9				
Conveyance	-				
Plumbing	4.0		3.9		
HVAC	3.7		2.5		
Fire	4.0				
Electrical	4.0				
Site	-				
Equipment	-				

# What is the cutoff date for the inventory and condition data we are reviewing today?

√54%



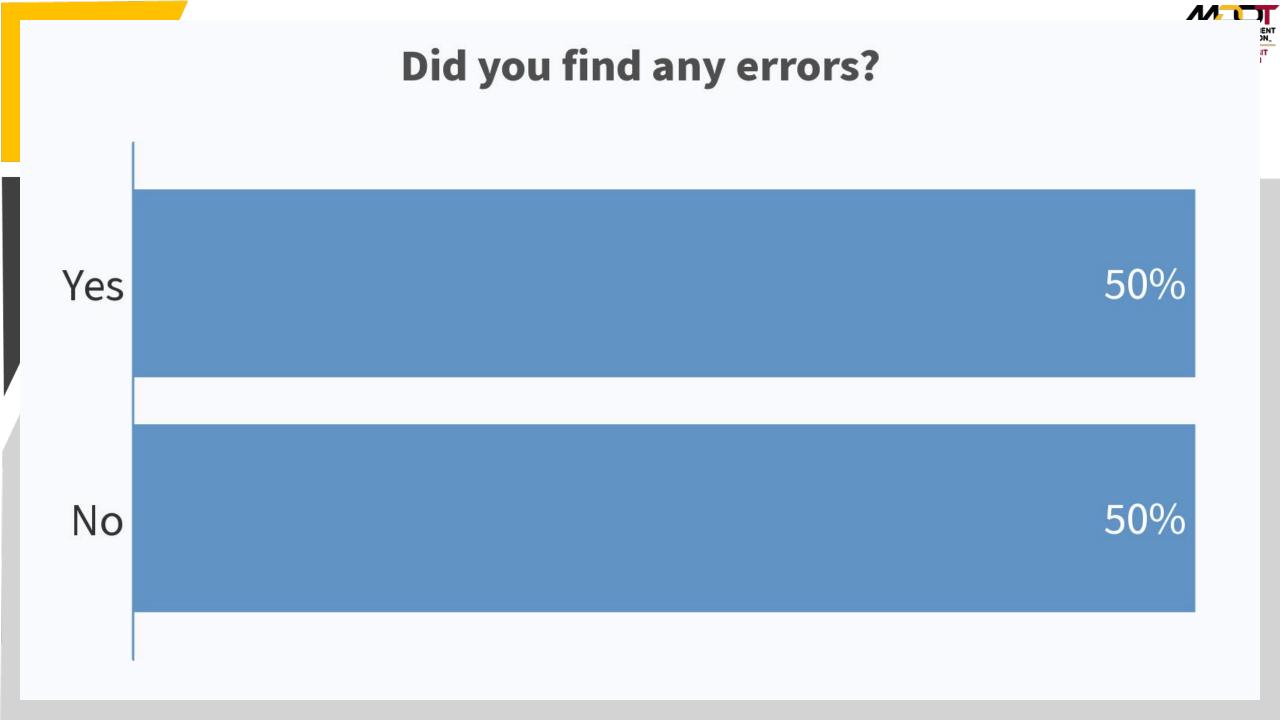


### **10 Minute Work Session**

Review your performance packet and identify any discrepancies in your data.

Return one copy with your markup to Jack.







### **Individual Asset Performance Review**

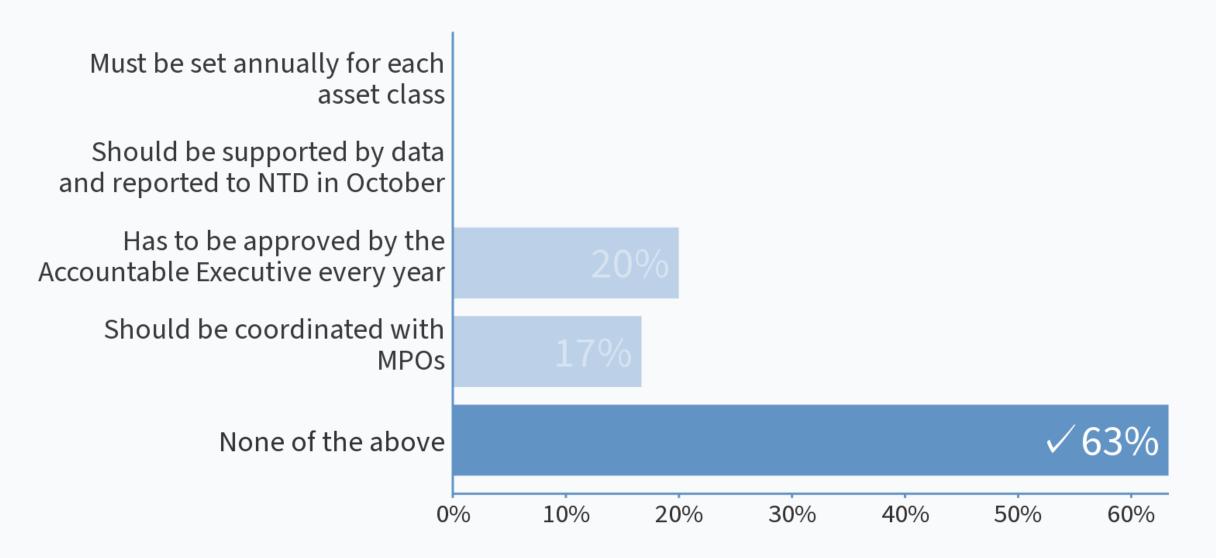
Add to y	your to-do list	
Review	/ performance packet (handout or download	from ProjectWise)
Identify	y inventory & condition errors	
Commu	unicate errors by <u>September 30<sup>th</sup> 2022</u>	

Contact Chris Taylor (<u>CTaylor7@mdot.maryland.gov</u>) or Ron Bruno (<u>Ronald.Bruno2@wsp.com</u>) if your packet is missing



# **SETTING FY23 TARGETS**

### Which of the following is NOT true for targets?



Total Results: 30

N



### Performance Targets must be...

Set annually for each asset class included

Supported by data

Approved by the agency's Accountable Executive every year

Reported to NTD

Coordinated with States and MPOs to the extent practical



### **Target-Setting Reminders**

Set FY23 Targets - to be achieved by June 30, 2023

Report to NTD October 2022

Report in 2023 TAMP - to be completed and approved by October 1, 2023



### How did we do with FY22 targets? <br/> Target Met



#### X Target Not Met

Asset Category	Asset Class	FY21 Performance	FY22 Target	FY22 Performance	FY23 Target
	Articulated Buses (AB)	0%	60%	60% 🗸	
	Automobile (AO)	64%	100%	57% 🗸	
	Bus (BU)	21%	22%	19% 🖌	
	Cutaway (CU)	24%	28%	28% 🗸	
Revenue Vehicles	Ferryboat (FB)	75%	75%	75% 🗸	
	Minivan (MV)	13%	19%	12% 🗸	
	Trolleybus (TB)	0%	0%	50% 🗙	TBD Today
	Van (VN)	5%	11%	13% 🗙	
Equipment	Automobile	41%	47%	34% 🗸	
	Trucks & Other Rubber Tire Vehicles	53%	57%	57% 🗸	
Facilities	Administrative/Maintenance	0%	0%	0% 🗸	
	Passenger/Parking	0%	0%	0% 🗸	



### How are we setting targets this year?

• Set targets for the current FY at the beginning of the FY

- Based on anticipated inventory changes for FY23
  - Consider vehicle deliveries  $\checkmark$
  - Consider vehicle disposals x



# **Revenue Vehicles Target Analysis (1)**

Tion 2 LOTS	Revenue Vehicles		
Tier 2 LOTS Articulated		Bus	
Current Asset Count		5	
Current Assets At or Past ULB		3	
Current Percent At or Past ULB		60.0%	
Additional Assets At or Past ULB in 2022 (count)		0	
Expected Retirement/Disposal by June 30th (count)		?	
Expected Deliveries by June 30th (count)		0	
Anticipated Asset Count by June 30th		5	
Anticipated Assets At or Past ULB by June 30th		3	
Anticipated Percent At or Past	ULB by June 30th	60.0%	

Recommended	Target:	60%
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Tier 2 LOTS	Revenue Vehicles	
	Bus	
Current Asset Count		264
Current Assets At or Past ULB		51
Current Percent At or Past ULB		19.3%
Additional Assets At or Past ULB in 2022 (count)		16
Expected Retirement/Disposal by June 30th (count)		?
Expected Deliveries by June 30th (count)		27 [14]
Anticipated Asset Count by June 30th		291
Anticipated Assets At or Past ULB by June 30th		67
Anticipated Percent At or Past ULB by June 30th		23.0%

Recommended Target: 24%



# **Revenue Vehicles Target Analysis (2)**

Tier 2 LOTS	Revenue Vehicles	
Cutaway		
Current Asset Count		359
Current Assets At or Past ULB		100
Current Percent At or Past ULB		27.9%
Additional Assets At or Past ULB in 2022 (count)		20
Expected Retirement/Disposal by June 30th (count)		?
Expected Deliveries by June 30th (count)		24 [12]
Anticipated Asset Count by June 30th		383
Anticipated Assets At or Past ULB by June 30th		120
Anticipated Percent At or Past ULB by June 30th		31.3%

Tier 2 LOTS	Revenue Vehicles	
	Automobile	
Current Asset Count		14
Current Assets At or Past ULB		8
Current Percent At or Past ULB		57.1%
Additional Assets At or Past ULB in 2022 (count)		0
Expected Retirement/Disposal by June 30th (count)		?
Expected Deliveries by June 30th (count)		0
Anticipated Asset Count by June 30th		14
Anticipated Assets At or Past ULB by June 30th		8
Anticipated Percent At or Past ULB by June 30th		57.1%

Recommended Target: 32%

Recommended Target: 57%



# **Revenue Vehicles Target Analysis (3)**

Tior 21 OTS	Revenue Vehicles	
Tier 2 LOTS	Van	
Current Asset Count		23
Current Assets At or Past ULB		3
Current Percent At or Past ULB		13.0%
Additional Assets At or Past ULB in 2022 (count)		1
Expected Retirement/Disposal by June 30th (count)		?
Expected Deliveries by June 30th (count)		0
Anticipated Asset Count by June 30th		23
Anticipated Assets At or Past ULB by June 30th		4
Anticipated Percent At or Past	ULB by June 30th	17.4%

Recommended Target: 18%

Tior 21 OTS	Revenue Vehicles	
Tier 2 LOTS	Minivan	
Current Asset Count		17
Current Assets At or Past ULB		2
Current Percent At or Past ULB		11.8%
Additional Assets At or Past ULB in 2022 (count)		0
Expected Retirement/Disposal by June 30th (count)		?
Expected Deliveries by June 30th (count)		1 [0]
Anticipated Asset Count by June 30th		18
Anticipated Assets At or Past ULB by June 30th		2
Anticipated Percent At or Past	ULB by June 30th	11.1%

Recommended Target: 12%



# **Revenue Vehicles Target Analysis (4)**

Tional OTC	Revenue Vehi	icles
Tier 2 LOTS Trolleybus		S
Current Asset Count		2
Current Assets At or Past ULB		1
Current Percent At or Past ULB		50.0%
Additional Assets At or Past ULB in 2022 (count)		1
Expected Retirement/Disposal by June 30th (count)		?
Expected Deliveries by June 30th (count)		0
Anticipated Asset Count by June 30th		2
Anticipated Assets At or Past ULB by June 30th		2
Anticipated Percent At or Past	ULB by June 30th	100.0%

### Recommended Target: 100%

Tion 21 OTC	Revenue Vehicles	
Tier 2 LOTS	Ferryboat	
Current Asset Count		4
Current Assets At or Past ULB		3
Current Percent At or Past ULB		75.0%
Additional Assets At or Past ULB	in 2022 (count)	1
Expected Retirement/Disposal by June 30th (count)		?
Expected Deliveries by June 30th (count)		0
Anticipated Asset Count by June 30th		4
Anticipated Assets At or Past ULB by June 30th		4
Anticipated Percent At or Past	ULB by June 30th	100%

Recommended Target: 100%



### **Non-Revenue Vehicles Target Analysis**

Tion 2 LOTS	Equipment	
Tier 2 LOTS	Automobiles	
Current Asset Count		38
Current Assets At or Past ULB		13
Current Percent At or Past ULB		34.2%
Additional Assets At or Past ULB	in 2022 (count)	5
Expected Retirement/Disposal by June 30th (count)		?
Expected Deliveries by June 30th	n (count)	2 [1]
Anticipated Asset Count by June 30th		40
Anticipated Assets At or Past ULB by June 30th		18
Anticipated Percent At or Past	ULB by June 30th	45.0%

#### Recommended Target: 46%

Tior 21 OTS	Equipment		
Tier 2 LOTS Trucks		& Other	
Current Asset Count		53	
Current Assets At or Past ULB		30	
Current Percent At or Past ULB		56.6%	
Additional Assets At or Past ULB in 2022 (count)		3	
Expected Retirement/Disposal by June 30th (count)		?	
Expected Deliveries by June 30th (count)		4 [2]	
Anticipated Asset Count by June 30th		57	
Anticipated Assets At or Past ULB by June 30th		33	
Anticipated Percent At or Past	ULB by June 30th	57.9%	

Recommended Target: 60%



### Vehicle Disposal Survey (~5 mins)



#### Maryland LOTS FY23 Expected Vehicle Disposal Survey

The purpose of this survey is to collect information from the Tier II transit providers in Maryland, to support the annual target-setting process for FY2023 Transit Asset Management asset performance targets. The survey will close on Friday, September 30th 2022 at 11:45pm (ET).

Please contact Chris Taylor (CTaylor?@mdot.maryland.gov) or Margaret Akofio-Sowah (m.akofiosowah@wsp.com) with any questions or concerns.

Thank you!

\* 1. Provide your contact information below:

Name	
County/LOTS	
Email Address	

\* 2. How many vehicles in each asset class do you plan to dispose of by June 30th, 2023? Note that disposing of a vehicle means that you no longer have possession of it and you will not list it on your inventory form next year.

Articulated Buses (AB)	
Bus (BU - Heavy-Duty, Medium-Duty)	
Cutaway Bus (CU - Light-Duty)	
Ferryboat (FB)	
Minivan (MV)	
Trolleybus (TB)	
Revenue Automobile (AO - Accessible Car)	
Van (VN - Accessible Van)	
Non-Revenue Automobile	
Non-Revenue Trucks & Other Rubber Tire Vehicles	

### https://www.surveymonkey.com/r /FY23LOTSDisposal



### Closes <u>Thursday September 30<sup>th</sup> at</u> <u>11:45PM</u>



### **Facilities Performance Targets**

- 46 facilities with direct capital responsibility
  - 45 have completed physical condition assessments
  - Average condition is 3.9
  - Lowest is 3.4
  - Highest is 4.8

#### **Current Performance**

Asset Class		Quantity Below TERM Scale 3**	
Administrative/Maintenance	41	0	0%
Passenger/Parking	5	0	0%
Totals	46	0	0%



# **Comparing Performance Targets**



X Target Not Met

Asset Category	Asset Class	FY21 Performance	FY22 Target	FY22 Performance	Preliminary FY23 Target*
Revenue Vehicles	Articulated Buses (AB)	0%	60%	60% 🗸	60%
	Automobile (AO)	64%	100%	57% 🗸	57%
	Bus (BU)	21%	22%	19% 🗸	24%
	Cutaway (CU)	24%	28%	28% 🗸	32%
	Ferryboat (FB)	75%	75%	75% 🗸	100%
	Minivan (MV)	13%	19%	12% 🗸	12%
	Trolleybus (TB)	0%	0%	50% 🗙	100%
	Van (VN)	5%	11%	13% 🗙	18%
Equipment	Automobile	41%	47%	34% 🗸	46%
	Trucks & Other Rubber Tire Vehicles	53%	57%	57% 🗸	60%
Facilities	Administrative/Maintenance	0%	0%	0% 🗸	0%
	Passenger/Parking	0%	0%	0% 🗸	0%

\*Pending vehicle disposal information

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### Wrap Up/Next Steps

FY22 Performance Baseline (as of 6/30/22)

- To be finalized pending LOTS review
- Submitted to NTD by October 31, 2022
- Used in the FY23 TAMP update

### New FY23 Targets

- To be finalized pending vehicle disposal survey
- Submitted to NTD by October 31, 2022
- Used in the FY23 TAMP update



### **LOTS Action Items**

### Add to your to-do list - September 30<sup>th</sup> 2022

Review performance packet (handout or download from ProjectWise)

Identify inventory & condition errors

Communicate errors to your Regional Planner

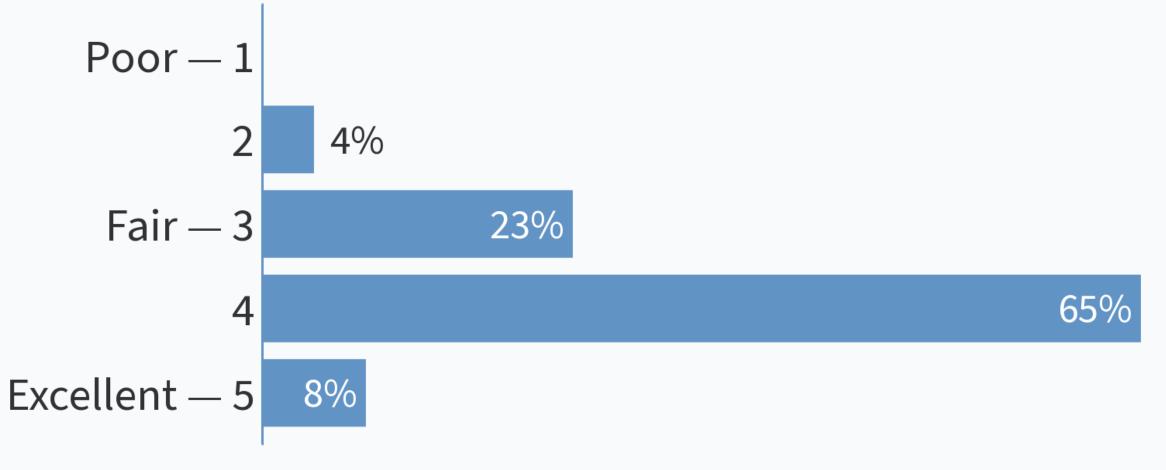


Complete the one-question survey about expected vehicle retirements/disposals

Contact Chris Taylor (<u>CTaylor7@mdot.maryland.gov</u>) or

Ron Bruno (<u>Ronald.Bruno2@wsp.com</u>) with any issues.

### How would you rate your understanding of the Tier II Group Asset Inventory?



Total Results: 26

N



# **Questions/Discussion**

September 22, 2022