

PERFORMANCE MEASURES



Performance Measures

Enacted:

- **MAP-21 (2012)**
 - Moving Ahead for Progress in the 21st Century Act
- **FAST Act (2015)**
 - Fixing America's Surface Transportation Act

Why Performance Measures?

- Ensure Federal-aid Highway Program delivers an **efficient investment** of Federal transportation funds
- Refocus on **national transportation goals**
- Increase the **accountability and transparency** of the Federal-aid Highway Program
- **Improve decision-making** through performance-based planning and programming

What Are We Required to Measure?

PM1 Safety

PM2 Bridge & Pavement Conditions

PM3 System Performance

Transit Asset Management (TAM)

Transit Safety (PTASP)

Required Adoption Dates (23 USC 150 (d)(1) & 23 CFR 490.105)

Final Rule	Performance Measure (By Category)	Required MPO Adoption Dates	Status	Proposed Adoption Dates
PM1	Safety	February (Yearly)	Adopted December 8, 2022	November 2023
PM2	Pavement Condition*	April 2023 (Every 4 years)	Adopted December 8, 2022	December 2026
	Bridge Condition*	April 2023 (Every 4 years)	Adopted December 8, 2022	December 2026
PM 3	Travel Time Reliability*	April 2023 (Every 4 years)	Adopted December 8, 2022	December 2026
	Truck Travel Time Reliability*	April 2023 (Every 4 years)	Adopted December 8, 2022	December 2026
Adopting this cycle		*(PM2 and PM3 applicable to National Highway System (NHS) only)		

Required Adoption Dates (23 USC 150 (d)(1) & 23 CFR 490.105)

Final Rule	Performance Measure (By Category)	Required MPO Adoption Dates	Status	Proposed Adoption Dates
TAM	Transit Asset Management	April (Yearly)	Adopted December 8, 2022	November 2023
PTASP	Transit Safety	April (Yearly)	Adopted December 8, 2022	November 2023
Adopting this cycle				

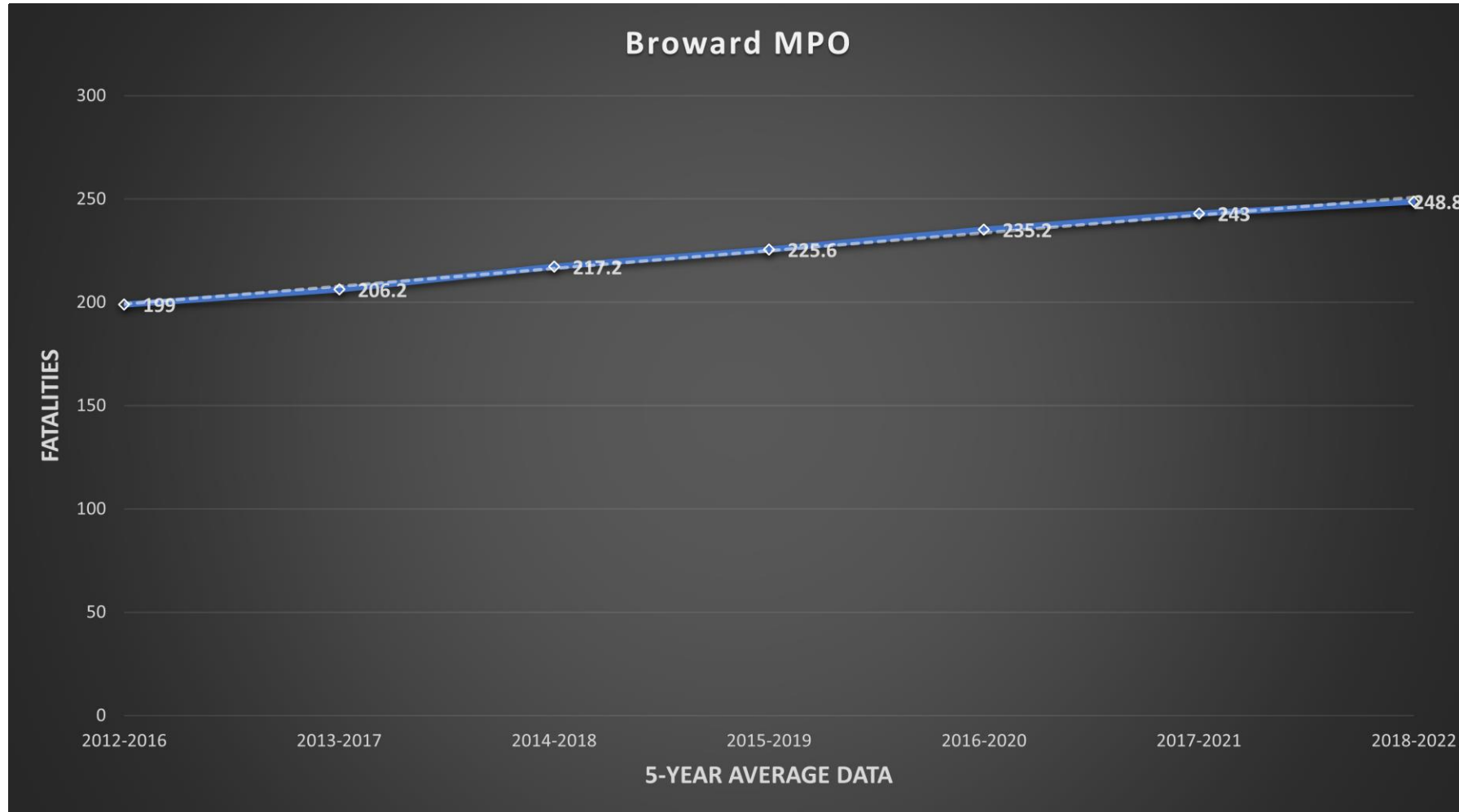
PM1 Safety: Adopted Targets



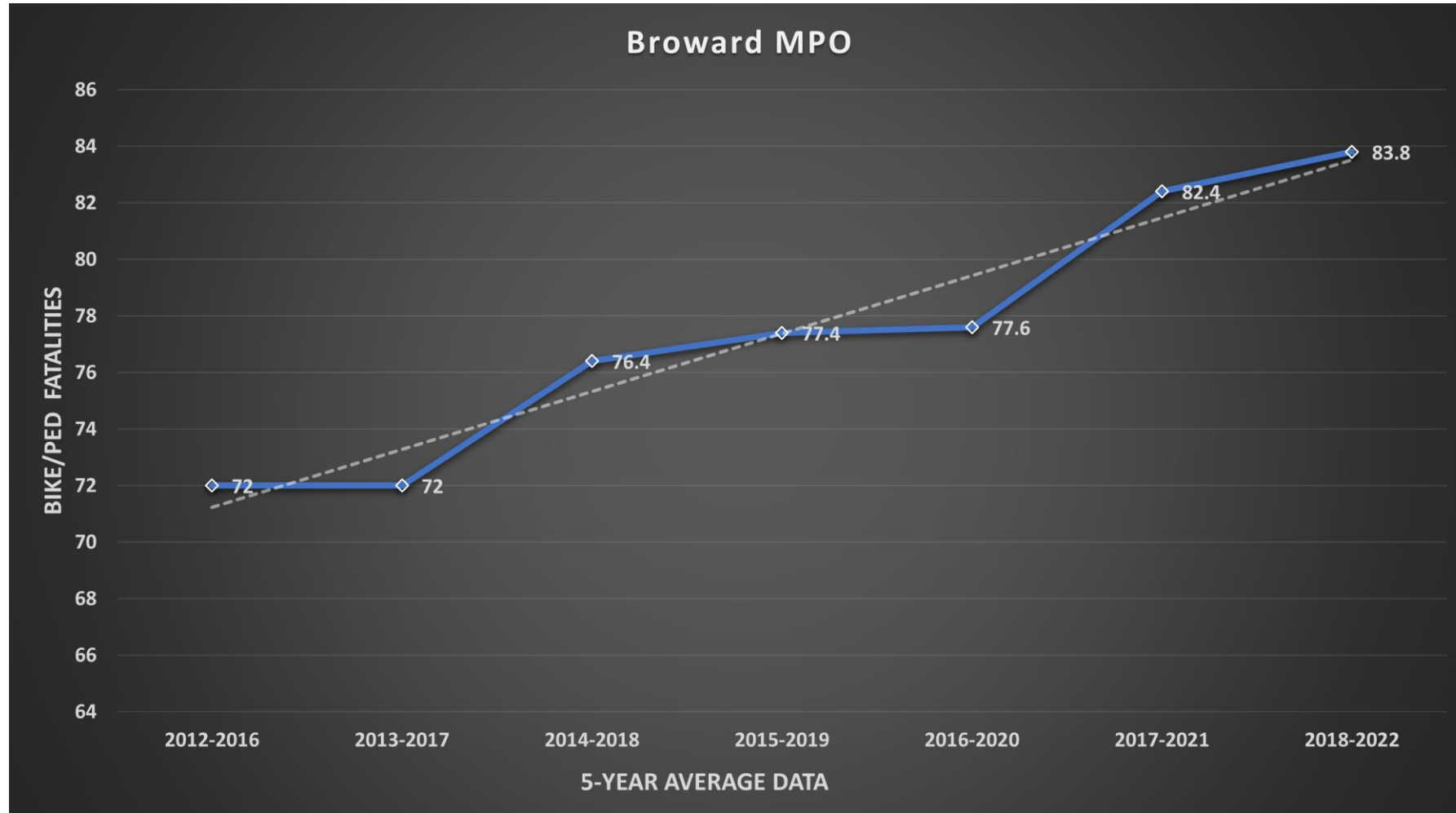
Performance Measure	Adopted Targets	Current Data* 5-Year Avg (2018-2022)
Number of Fatalities	0	248.8
Number of Serious Injuries	0	1,138.6
Fatality Rate per 100M VMT	0	1.53
Serious Injury Rate per 100M VMT	0	6.93
Total Number of non-motorized fatalities and non-motorized serious injuries	0	283

*2018-2022 data not yet finalized

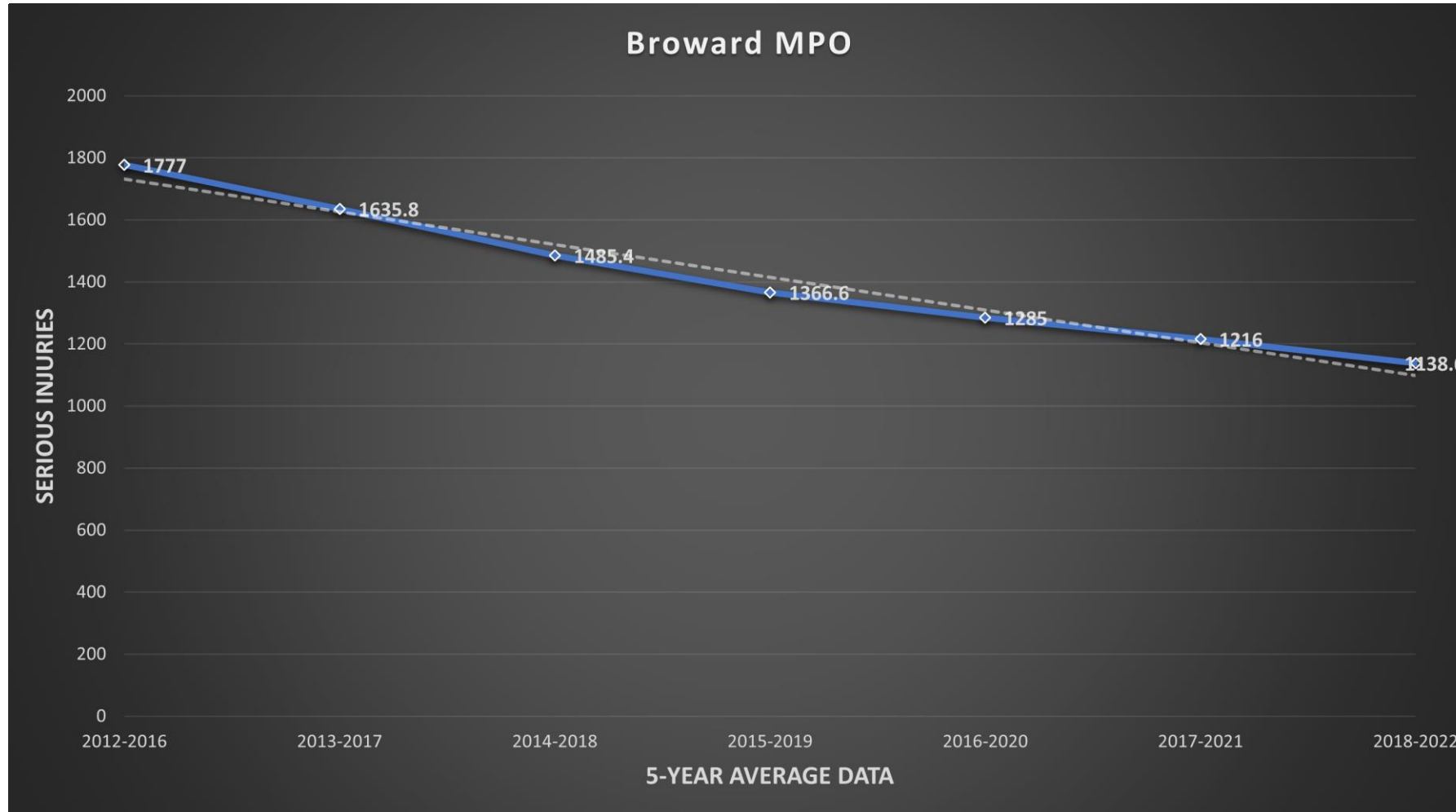
PM1 Safety: Trends (All Fatalities)



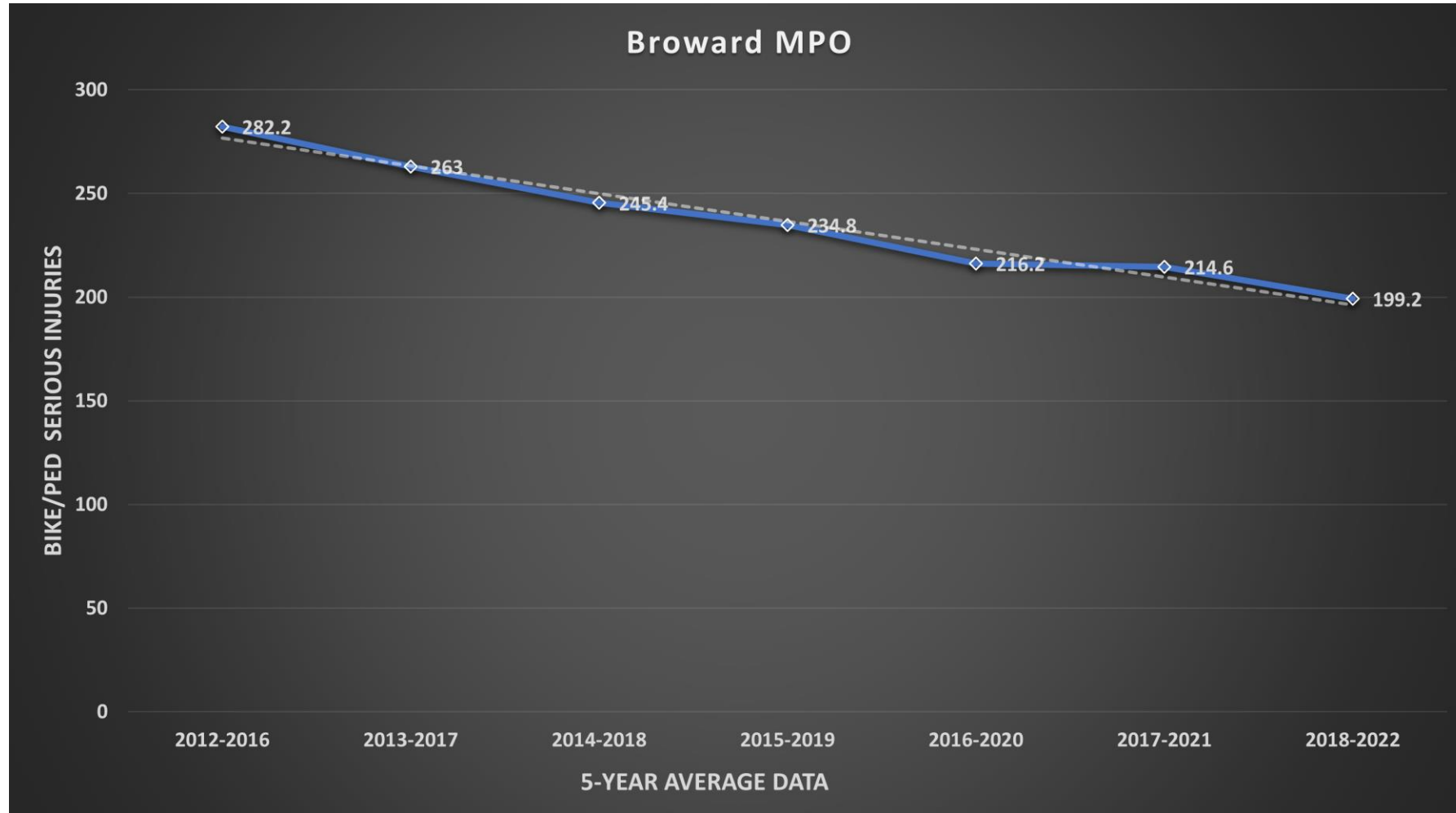
PM1 Safety: Trends (Bike-Ped Fatalities)



PM1 Safety: Trends (All Serious Injuries)



PM1 Safety: Trends (Bike-Ped Serious Injuries)



PM2 Bridge & Pavement Condition and PM3 System Performance: Adopted Targets

	Adopted 4-Year Targets (2023-2027)	Broward Baseline 2017	Broward Current 2022	
PM 2	FDOT Bridge Condition Performance Measure Areas			
	% of NHS bridges classified as in Good condition by deck area:	50%	79.1%	64.3%
	% of NHS bridges classified as in Poor condition by deck area:	10%	0.0%	0.5%
	FDOT Pavement Condition Performance Measure Areas			
		Targets	Broward 2017	Broward 2022
	% of Interstate pavements in Good condition:	60%	76.6%	75.5%
	% of Interstate pavements in Poor condition:	5%	0.0%	0.0%
	% of non-Interstate NHS pavements in Good condition:	40%	38.4%	37.2%
% of non-Interstate NHS pavements in Poor condition:	5%	0.4%	0.7%	
PM 3	FDOT System Performance Measure Areas			
		Targets	Broward 2017	Broward 2022
	% of person-miles traveled on the Interstate that are reliable:	70%	67%	85%
	% of person-miles traveled on the non-Interstate NHS that are reliable:	50%	80%	94%
Truck travel time reliability ratio (TTTR) on the Interstate:	2.0	1.81	1.57	

TAM: Adopted Regional Targets

Performance Measure	Asset Class/Type	Useful Life Benchmark (ULB)	Adopted Regional Targets	Current Data*
Rolling Stock — Percentage of Revenue Vehicles that have met or exceeded their Useful Life Benchmark (ULB)	Cutaway Bus (CU)	10 years	0%	0%
	Paratransit Mini Van (MV)	8 years	0%	0%
	40 Foot Bus (BU)	14 years	0%	0%
	60 Foot Articulated Bus (AB)	14 years	0%	0%
	45 Foot Bus (BR)	14 years	0%	0%
	Commuter Rail Locomotive (RL)	39 years	25%	30%
	Commuter Rail Passenger Coach (RP)	39 years	25%	30%
	Commuter Rail self-propelled passenger car (RS)	39 years	25%	30%
Equipment — Percentage of non-revenue, support-service and maintenance vehicles that have met or exceeded their (ULB)	All non-revenue vehicles	8 years	24%	33%
	Other rubber tire vehicles	14 years	24%	27%
Facilities — Percentage of facilities rated below Condition 3 on the FTA Transit Economic Requirements Model (TERM)	Passenger, maintenance, parking and administrative facilities	Condition Rating 3.0	5%	16.5%
Infrastructure — Percentage of track segments with performance restrictions	Rail fixed guideway, track and signals	Performance Restrictions	4%	0.2%

* FY 23 data not yet available

Transit Safety: Adopted Targets

Performance Measure	Mode	Adopted Targets	Current Data*
Fatalities	Fixed Route Bus	0	2
	Community Bus	0	0
	Paratransit	0	0
Fatality rate	Fixed Route Bus	0	.02
	Community Bus	0	0
	Paratransit	0	0
Major Injuries	Fixed Route Bus	111	90
	Community Bus	3	0
	Paratransit	4	3
Major Injury Rate	Fixed Route Bus	.741	.620
	Community Bus	.141	0
	Paratransit	.040	.4
Safety Events	Fixed Route Bus	66	678
	Community Bus	4	55
	Paratransit	6	279
Safety Event Rate	Fixed Route Bus	.441	4.95
	Community Bus	.181	3.1
	Paratransit	.056	3.54
System Reliability	Fixed Route Bus	4,200	4,188
	Community Bus	5,500	5,459

* FY 23 data not yet available

MPO Efforts to Support PM1 Safety

- FY 24-28 TIP includes **144** projects totaling **\$430 million*** to improve safety conditions countywide **including the SS4A Grant**
- MPO-led Safety studies underway as part of the 2045 MTP **Safety** program



*Includes Federal & State Funds

MPO Efforts to Support PM2 & PM3 Targets

- FY 24-28 TIP includes **109** projects totaling **\$3.3 billion*** to address bridge and pavement conditions and to help meet **PM2 targets**
- FY 24-28 TIP also identified **93** projects totaling **\$3.3 billion*** to help address system performance and reliability and to meet **PM3 targets**

\$6.6*
Billion

202*
Projects

***Includes Federal & State Funds;
Combined PM2 & PM3 Projects**

MPO Efforts to Support TAM & Transit Safety Targets

- FY 24-28 TIP includes **48** projects totaling **\$1.9 billion*** to address state of good repair and to help meet TAM and Transit Safety targets
 - Includes projects from BCT and SFRTA



*Includes Federal & State Funds

Questions/Contact Us

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