

NFTA Agency Safety Plan - Performance Measures

2024

Mode	Vehical Revenue Miles											
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Light Rail	48,902	50,055	53,759	58,073	57,127	57,559	51,592	62,234	59,312			
Bus	585,567	574,705	598,620	596,281	615,665	562,093	608,291	608,163	591,155			
Paratransit	138,361	156,125	162,213	158,044	165,014	147,482	164,461	168,586	166,398			

Performance Measure	Mode	# of occurrences												RATE	Total #	2024 Target	
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec				
1. Measure 1a – Major Events	Light Rail	1.0	0.0	0.0	0.0	1.0	1.0	0.0	1.0	0.0						4	3.17
	Bus	5.0	5.0	2.0	1.0	3.0	2.0	2.0	2.0	0.0						22	17.42
	Paratransit	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0						0	1.90
2. Measure 1b – Major Event Rate	Light Rail	20.4	0.0	0.0	0.0	17.5	17.4	0.0	16.1	0.0					7.93		4.07
	Bus	8.5	8.7	3.3	1.7	4.9	3.6	3.3	3.3	0.0					4.14		2.18
	Paratransit	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					0.00		0.99
3. Measure 1.1 – Collision Rate	Light Rail	0.0	0.0	0.0	0.0	17.5	0.0	0.0	16.1	0.0					3.73		1.64
	Bus	8.5	5.2	3.3	1.7	3.2	3.6	3.3	3.3	0.0					3.57		1.92
	Paratransit	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					0.00		0.99
4. Measure 1.1.1 – Pedestrian Collision Rate	Light Rail	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					0.00		0.38
	Bus	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					0.00		0.21
	Paratransit	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					0.00		0.00
5. Measure 1.1.2 – Vehicular Collision Rate	Light Rail	0.0	0.0	0.0	0.0	17.5	0.0	0.0	16.1	0.0					3.73		0.82
	Bus	8.5	5.2	1.7	1.7	3.2	3.6	3.3	3.3	0.0					3.39		1.71
	Paratransit	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					0.00		0.99
6. Measure 2a - Fatalities	Light Rail	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0						0	0.00
	Bus	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0						1	0.00
	Paratransit	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0						0	0.00
7. Measure 2b – Fatality Rate	Light Rail	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					0.00		0.00
	Bus	1.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					0.19		0.00
	Paratransit	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					0.00		0.00
8. Measure 2.1 – Transit Worker Fatality Rate	Light Rail	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					0.00		0.0
	Bus	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					0.00		0.0
	Paratransit	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					0.00		0.0
9. Measure 3a - Injuries	Light Rail	1.0	0.0	0.0	0.0	0.0	1.0	1.0	0.0	0.0						3	4.12
	Bus	8.0	1.0	0.0	11.0	4.0	4.0	6.0	4.0	1.0						39	30.08
	Paratransit	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0						1	3.48
10. Measure 3b – Injury Rate	Light Rail	20.4	0.0	0.0	0.0	0.0	17.4	19.4	0.0	0.0					6.36		5.52
	Bus	13.7	1.7	0.0	18.4	6.5	7.1	9.9	6.6	1.7					7.29		3.76
	Paratransit	0.0	0.0	0.0	0.0	0.0	0.0	6.1	0.0	0.0					0.68		1.74
11. Measure 3.1 – Transit Worker Injury Rate	Light Rail	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					0.00		0.38
	Bus	3.4	0.0	0.0	1.7	0.0	0.0	1.6	1.6	0.0					0.93		0.43
	Paratransit	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					0.00		0.14
12. Measure 4a – Assaults on Transit Workers	Light Rail	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0						0	0.32
	Bus	2.0	2.0	1.0	2.0	2.0	2.0	2.0	2.0	5.0						20	1.27
	Paratransit	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0						0	0.00
13. Measure 4b – Rate of Assaults on Transit Workers	Light Rail	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					0.00		0.38
	Bus	3.4	3.5	1.7	3.4	3.2	3.6	3.3	3.3	8.5					3.75		0.15
	Paratransit	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					0.00		0.00
14. Measure 5 – System Reliability (Major Mechanical System Failure)	Light Rail	1,253.9	1,880.8	1,253.9	1,286.9	1,164.3	1,253.9	905.6	1,630.1	4,445.6					1675.01		1,887.67
	Bus	8,247.4	8,841.6	11,085.6	9,464.8	10,435.0	7,494.6	6,611.9	6,081.6	8,693.5					8550.65		9,340.00
	Paratransit	69,180.5	78,062.5	27,035.5	52,681.3	23,573.4	147,482.0	18,273.4	16,858.6	83,199.0					57371.81		71,659.88

Notes:

All Rates are based on # of occurrences per Vehicle Revenue Miles

Definitions per National Transit Database:

Major Events: A safety or security event occurring on transit right-of-way or infrastructure, at a transit revenue facility, at a transit maintenance facility or rail yard, during a transit related maintenance activity or involving a transit revenue vehicle that results in one or more of the following conditions: Non-Rail Modes: A fatality confirmed within 30 days of the event; An injury requiring immediate medical attention away from the scene for one or more person; Property damage equal to or exceeding \$25,000; Collisions involving transit revenue vehicles that require towing away from the scene for a transit roadway vehicle or other non-transit roadway vehicle; An evacuation for life safety reasons. Rail Modes: A fatality confirmed within 30 days of the event; Serious injury that may or may not require transport from the scene for medical attention (see Serious Injury); An injury requiring immediate medical attention away from the scene for one or more persons; Substantial damage; An evacuation for life safety reasons, or to the rail right-of-way; Rail transit vehicle collisions occurring at a grade crossing; Rail transit vehicle collisions with an individual on the rail right-of-way; Rail transit vehicle collisions with another revenue or non-revenue rail transit vehicle; A mainline or yard derailment of revenue or non-revenue vehicles;

Injury: Any damage or harm to persons as a result of an event that requires immediate medical attention away from the scene.

Assault on Transit Worker: A circumstance in which an individual knowingly, without lawful authority or permission, and with intent to endanger the safety of any individual, or with a reckless disregard for the safety of human life, interferes with, disables, or incapacitates a transit worker while the transit worker is performing the duties of the transit worker.

System Reliability (Major Mechanical System Failure): A failure of some mechanical element of the revenue vehicle that prevents the vehicle from completing a scheduled revenue trip or from starting the next scheduled revenue trip because actual movement is limited or because of safety concerns.