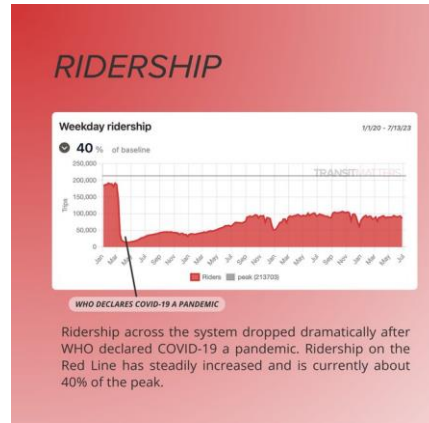
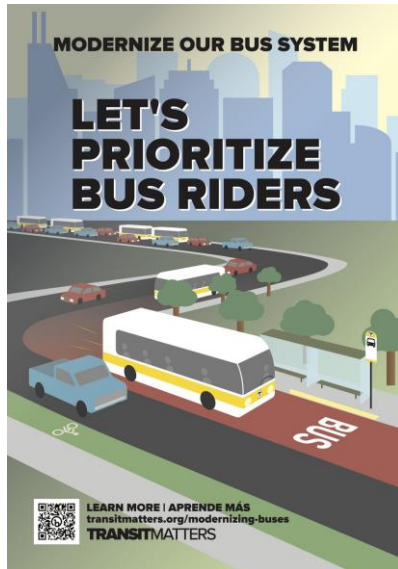
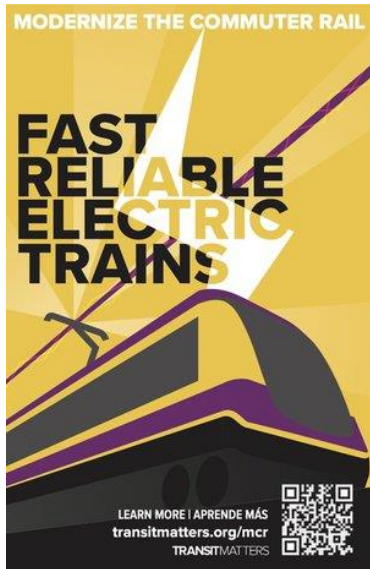


Using Data to Advocate for Better Buses

What are the worst buses in the MBTA network and how do we fix them?

Who is TransitMatters?

Transportation advocacy through a data driven and human centric approach

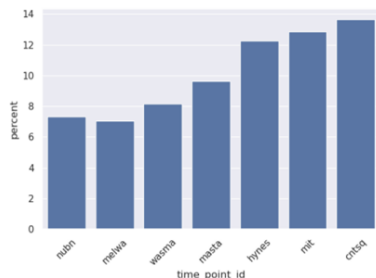


Applying this Method to the NGB team

Route 1 - Outbound

October 2023

The following charts show bunching events as a percentage of total trips. Here, bunching is defined as headways < 20% of the scheduled_headway.

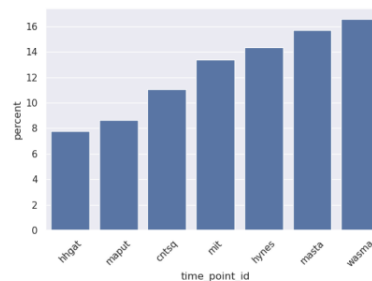


ID	Station Name
1	nubn Nubian Station
2	melwa Melnea Cass Boulevard @ Washington Street
3	wasma Massachusetts Avenue @ Washington
4	masta Massachusetts Avenue (Orange Line)
5	hynes Hynes Station
6	mit MIT @ Massachusetts Avenue
7	cntsq Central Square (Cambridge)
8	maput Massachusetts Avenue & Putnam Avenue

Route 1 - Inbound

October 2023

The following charts show bunching events as a percentage of total trips. Here, bunching is defined as headways < 20% of the scheduled_headway.



ID	Station Name
1	hngat Harvard
2	maput Massachusetts Avenue & Putnam Avenue
3	cntsq Central Square (Cambridge)
4	mit MIT @ Massachusetts Avenue
5	hynes Hynes Station
6	masta Massachusetts Avenue (Orange Line)
7	wasma Massachusetts Avenue @ Washington
8	melwa Melnea Cass Boulevard @ Washington Street

1 bus bunching rate: **17.7%**

1 bus average speed: **6.55 mph**

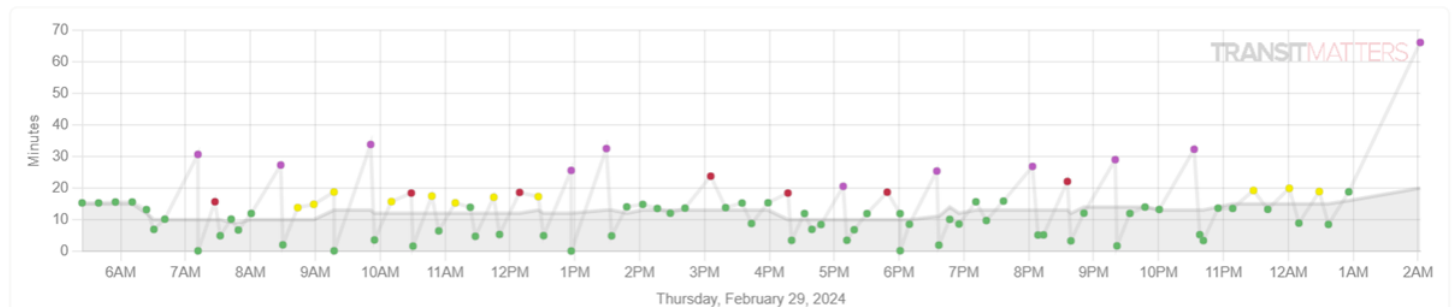
Avg	31m 37s	10%	22m 21s	Min	14m 54s
Median	31m 46s	90%	39m 51s	Max	46m 47s

Headways

Time between buses

2/29/24

Mass Ave & Putnam Ave southbound



Legend

Avg	13m 28s	10%	3m 20s	Min	2s
Median	13m 31s	90%	25m 22s	Max	1h 06m

- Home
- Slow zones
- Ridership
- Red Line
- Orange Line
- Blue Line
- Green Line
- Buses
- 1
- Ridership
- Trips
- Multi-day trips



Slowest Buses

- 1 Route #1
- 2 Route #15
- 3 Route #91
- 4 Route #19
- 5 Route #66

Most Bunched Buses

- 1 Route #1
- 2 Route #66
- 3 Route #111
- 4 Route #22
- 5 Route #57



Top Genre
POV: Bus

The Pokey/Schleppie Awards

Awards for Bus Inefficiency

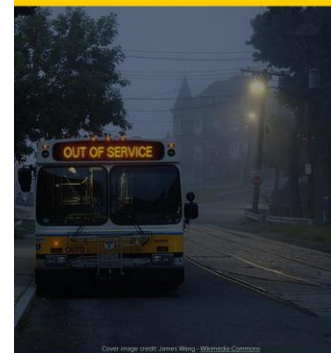
Spring 2024



TRANSITMATTERS

Headway Management

More consistent and frequent bus service



Cover image credit: James Wang, Wikimedia Commons



TRANSITMATTERS