

# Current Use of Public Transit at MIT

- Overall, 25-30% of campus commuters and off-peak travelers use public transit (5,000-6,500 staff and students each day)
- Of these, we can estimate that about 1,000-1,200 use MBTA bus or private shuttle services, and the rest use the Red Line to access the campus (about 1/2 of these use Routes 1/CT1)
- 7 MBTA and 2 private bus routes serve the campus, and several other routes serve Central Square
- MIT shuttles serve about the same number of users per day as these bus routes, but most of these riders are intra-campus (about 150-200 students ride the Boston shuttle each day, and 50-60 ride the Lincoln Lab shuttle)
- Given use of private shuttles, MIT use of MBTA bus services clearly can be increased with better information and improved service levels

# MBTA Route CT 1: Central Square/BMC

<b>Peak Headway (min.)</b>	<b>Total Daily Boardings</b>	<b>Est. MIT Boardings</b>	<b>% MIT Boardings</b>
<b>20</b>	<b>2,300</b>	<b>180</b>	<b>8%</b>

Map of bus route removed due to copyright restrictions.

# MBTA Route CT 2: Sullivan Square/Ruggles

<b>Peak Headway (min.)</b>	<b>Total Daily Boardings</b>	<b>Est. MIT Boardings</b>	<b>% MIT Boardings</b>
<b>20</b>	<b>1,650</b>	<b>230</b>	<b>14%</b>

Map of bus route removed due to copyright restrictions.

# MBTA Route 1: Harvard/Dudley

<b>Peak Headway (min.)</b>	<b>Total Daily Boardings</b>	<b>Est. MIT Boardings</b>	<b>% MIT Boardings</b>
<b>8</b>	<b>11,700</b>	<b>1,000</b>	<b>9%</b>

Map of bus route removed due to copyright restrictions.

# MBTA Route 64: Oak Square/Kendall

<b>Peak Headway (min.)</b>	<b>Total Daily Boardings</b>	<b>Est. MIT Boardings</b>	<b>% MIT Boardings</b>
<b>23</b>	<b>1,300</b>	<b>85</b>	<b>7%</b>

Map of bus route removed due to copyright restrictions.

# MBTA Route 68: Harvard/Kendall

<b>Peak Headway (min.)</b>	<b>Total Daily Boardings</b>	<b>Est. MIT Boardings</b>	<b>% MIT Boardings</b>
<b>30</b>	<b>520</b>	<b>70</b>	<b>13%</b>

Map of bus route removed due to copyright restrictions.

# MBTA Route 70: Waltham/Watertown Central

<b>Peak Headway (min.)</b>	<b>Total Daily Boardings</b>	<b>Est. MIT Boardings</b>	<b>% MIT Boardings</b>
<b>10-12</b>	<b>6,600</b>	<b>140</b>	<b>2%</b>

Map of bus route removed due to copyright restrictions.

# MBTA Route 85: Spring Hill/Kendall

<b>Peak Headway (min.)</b>	<b>Total Daily Boardings</b>	<b>Est. MIT Boardings</b>	<b>% MIT Boardings</b>
<b>30-40</b>	<b>400</b>	<b>130</b>	<b>33%</b>

Map of bus route removed due to copyright restrictions.

# MASCO Route M2: Harvard/LMA

Maps of bus routes removed due to copyright restrictions.

<b>Peak Headway (min.)</b>	<b>Total Daily Boardings</b>	<b>Est. MIT Boardings</b>	<b>% MIT Boardings</b>
<b>8-10</b>	<b>2,700</b>	<b>&lt; 100</b>	<b>&lt; 4%</b>

# EZ Ride (Central Square/North Station)

<b>Peak Headway (min.)</b>	<b>Total Daily Boardings</b>	<b>Est. MIT Boardings</b>	<b>% MIT Boardings</b>
<b>10</b>	<b>1,000</b>	<b>300</b>	<b>30%</b>

Map of bus route removed due to copyright restrictions.

Total Running Time is approximately 27-30 minutes

# Summary Bus Route Data

Route #	Peak Headway (min.)	Total Daily Boardings	Est. MIT Boardings	% MIT Boardings
<b><u>MBTA</u></b>				
CT 1 (Central Square/BMC)	20	2,300	180	8%
CT 2 (Sullivan Square/ Ruggles)	20	1,650	230	14%
1 (Harvard/Dudley)	8	11,700	1,000	9%
64 (Oak Square/Kendall)	23	1,300	85	7%
68 (Harvard/Kendall)	30	520	70	13%
70 (Waltham/Watertown/Central)	10-12	6,600	140	2%
85 (Spring Hill/Kendall)	30-40	400	130	33%
<b>TOTAL MBTA</b>		<b>24,500</b>	<b>1,835</b>	<b>7.5%</b>
<b><u>Non-MIT</u></b>				
M2 (Harvard/LMA)	8-10	2,700	< 100	< 4%
EZ Ride (Central Square/North Station)	10	1,000	300	30%
<b>TOTAL PRIVATE</b>		<b>3,700</b>	<b>&lt; 400</b>	<b>&lt; 11%</b>

# Conclusions and Recommendations

- Combine CT1 and 1 resources, and enforce headway control
- Look further at CT2, 85, and related routes (improve headways!)
- Join M2 shuttle instead of funding Boston daytime shuttle?
- Promote 70/70A, 64, and 68 services with some improvement TBD (extend further into campus?)