

# Appendix

## ■ Statistical Profile



# MBTA Service and Infrastructure Profile

## August 2008

MBTA SERVICE DISTRICT	
Cities and Towns	175
Size in Square Miles	3,244
Population (2000 Census)	4,663,565

  

TYPICAL WEEKDAY RIDERSHIP (FY 2008)	
BY LINE (UNLINKED) FOR FY 2008	
Red Line	241,962
Orange Line	181,349
Blue Line	58,189
<b>Total Heavy Rail</b>	<b>481,500</b>
Green Line Surface (includes Mattapan Line)	78,878
Green Line Subway (includes Riverside)	170,348
Mattapan - Ashmont Trolley (Re-opened Dec 2007)*	6,684
<b>Total Green Line (Light Rail &amp; Trolley)</b>	<b>249,226</b>
Bus (includes Silver Line)	352,655
Silver Line Waterfront*	11,006
Silver Line Washington Street*	14,709
Trackless Trolley	13,912
<b>Total Bus &amp; Trackless Trolley</b>	<b>366,567</b>
<b>TOTAL MBTA - PROVIDED URBAN SERVICE</b>	<b>1,097,293</b>

SYSTEM UNLINKED	
MBTA - Provided Urban Service	1,097,293
Commuter Rail Boardings (Inbound + Outbound)	142,360
Contracted Bus	4,109
Water Transportation	4,490
THE RIDE Paratransit Trips Delivered	5,748
<b>Total all Modes Unlinked</b>	<b>1,254,000</b>

**Notes:** Unlinked trips can be defined as the number of passengers who board public transportation vehicles. Passengers are counted each time they board vehicles no matter how many vehicles they use to travel from their origin to their destination.

\*Average weekday ridership taken from 2005 CTPS surveys for Mattapan Line and Silver Line Washington and 2007 for Silver Line Waterfront.

ANNUAL RIDERSHIP (FY 2008)	
UNLINKED TRIPS BY MODE	
Bus (includes Silver Line)	105,881,740
Trackless Trolley	3,855,103
Light Rail - Surface & Mattapan-Ashmont	25,693,314
Light Rail - Subway (includes Riverside)	55,488,289
Heavy Rail - Red Line	68,560,569
Heavy Rail - Orange Line	60,969,412
Heavy Rail - Blue Line	16,346,409
<b>Total Rapid Transit &amp; Bus/Trackless Trolley Operations</b>	<b>336,794,837</b>
<b>Commuter Rail Boardings</b>	<b>39,207,425</b>
<b>THE RIDE Paratransit Trips</b>	<b>1,764,066</b>
Contracted Bus Carrier Boardings	1,116,502
Water Transportation Boardings	1,295,396
<b>Total Contracted Services</b>	<b>2,411,898</b>
<b>TOTAL WITH THE RIDE PARATRANSIT</b>	<b>380,178,226</b>
<b>TOTAL SCHEDULED SERVICE (WITHOUT THE RIDE)</b>	<b>378,414,160</b>

\* Mattapan Trolley partial year. Re-opened December 2007.

ROUTE MILES (ONE-WAY, NON-DUPLICATIVE, AUGUST 2008)	
Red Line (Ashmont & Braintree)	21
Orange Line	11
Blue Line	6
Green Line (B: 4, C: 3, D: 9, Outer E: 2, Inner E: 1, Subway: 4)	23
Mattapan-Ashmont Trolley	3
<b>Total Subway</b>	<b>64</b>
<b>Silver Line Washington Street</b>	<b>2</b>
Silver Line Waterfront Transitway Tunnel	1
Silver Line Waterfront Surface	7
<b>Silver Line Waterfront Total</b>	<b>8</b>

**ROUTE MILES (ONE-WAY, NON-DUPLICATIVE, AUGUST 2008) CONT.**

Bus	740
Trackless Trolley	11
<b>Total Bus &amp; Trackless Trolley</b>	<b>751</b>
<b>Commuter Rail</b>	<b>394</b>
Inner Harbor Ferry	1
Commuter Boats*	37
<b>Total Water Transportation</b>	<b>38</b>
* Commuter Boat calculated as mileage one-way from Boston-Hingham, Quincy-Hull, Hull-Logan, Logan-Boston	
700-Series Private Carrier	79
Suburban Bus	161
<b>Total Contracted Bus Routes*</b>	<b>240</b>
* Excludes 724 miles of Contracted Bus routes under EOT auspices	
<b>TOTAL ROUTE MILES</b>	<b>1,497</b>

Notes: Route mile figures are rounded to the nearest whole number.

**ROUTES (AUGUST 2008)**

**RAIL RAPID TRANSIT**

Red Ashmont (Dorchester), Braintree (South Shore)	2
Orange	1
Blue	1
Green Light Rail B, C, D, E	4
Mattapan-Ashmont Trolley	1
<b>Total Rail Rapid Transit</b>	<b>9</b>

**BUS (VARIATIONS AND SUPPLEMENTALS NOT INCLUDED)**

Silver Line Washington Street Bus Rapid Transit	1
Silver Line Waterfront Bus Rapid Transit*	4
Local, Express, Community, Limited Service	175
Crosstown (Four route segments advertised as CT1, 2, & 3)	3
Trackless Trolley (North Cambridge Carhouse)	4
Other	4
<b>Total MBTA Bus Routes</b>	<b>191</b>

\* Includes Route # 746 Tunnel Shuttle

**ROUTES (AUGUST 2008) CONT.**

700-Series Private Carrier	4
Suburban Bus	7
<b>Total Contracted Bus Routes</b>	<b>11</b>
* Excludes 9 Contracted Bus routes under EOT auspices	
<b>COMMUTER RAIL</b>	
North Side	5
South Side	9
<b>Total Commuter Rail</b>	<b>14</b>
* Stoughton and Rockport considered distinct routes	
<b>WATER TRANSPORTATION</b>	
Inner Harbor Ferry	1
Commuter Boat	2
<b>Total Water Transportation</b>	<b>3</b>
<b>TOTAL ALL ROUTES</b>	<b>228</b>

\* Includes Route #746 Tunnel Shuttle

**SCHEDULED WEEKDAY ONE-WAY TRIPS (FALL 2008)**

**RAIL-TRAIN TRIPS**

Red Line	426
Orange Line	312
Blue Line	368
Green Line (B,C,D,E branches)	1227
Mattapan-Ashmont Trolley	302
<b>Total Subway</b>	<b>2,635</b>
Commuter North Side	198
Commuter South Side	293
<b>Total Commuter Rail</b>	<b>491</b>

SCHEDULED WEEKDAY ONE-WAY TRIPS (FALL 2008) CONT.		
<b>MBTA BUS TRIPS</b>		
Local, Express, etc.	13,535	
Silver Line Washington Street	334	
Silver Line Waterfront	641	
Trackless Trolley	664	
<b>Total Bus &amp; Trackless Trolley</b>	<b>14,684</b>	
<b>WATER TRANSPORTATION</b>		
Inner Harbor Ferry	78	
Commuter Boat	84	
<b>Total Water Transportation</b>	<b>162</b>	
<b>TOTAL ONE-WAY TRIPS</b>	<b>17,972</b>	

MBTA-PROVIDED PARK-N'-RIDE SPACES (AUGUST 2008)		
Red Line	9,020	
Orange Line	2,720	
Blue Line	2,231	
Green Line	2,019	
Mattapan-Ashmont Trolley	141	
<b>Total Subway Operations</b>	<b>16,131</b>	
<b>Bus</b>	<b>200</b>	
Commuter Rail, North Side	5,790	
Commuter Rail, South Side	20,093	
<b>Total Commuter Rail</b>	<b>25,883</b>	
<b>Commuter Boat</b>	<b>2,191</b>	
<b>SYSTEM TOTAL</b>	<b>44,405</b>	

Selected Park-N'-Ride facilities NOT operated by the MBTA are listed in Chapter 8.

STATIONS AND STOPS (AUGUST 2008)	
<b>SUBWAY</b>	
Red	22
Orange	19
Blue	12
Green Subway (includes Prudential, Symphony)	13
<b>Total Subway by Route</b>	<b>66</b>
<b>Total Station Facilities*</b>	<b>60</b>
* Shared facilities are Downtown Crossing, Park Street, North Station, Haymarket, State Street, Government Center	
<b>SURFACE LIGHT RAIL AND TROLLEY</b>	
Green Line B	18
Green Line C	13
Green Line D	13
Green Line E (Prudential, Symphony not included)	9
<b>Total Green Line Surface</b>	<b>53</b>
<b>Mattapan - Ashmont Trolley, including Ashmont</b>	<b>8</b>
<b>Silver Line Washington Street</b>	<b>13</b>
<b>Silver Line Waterfront (not including surface branches)</b>	<b>4</b>
<b>COMMUTER RAIL</b>	
North Side (including Mishawum & Riverworks)	57
South Side (including Foxboro)	77
<b>Total Commuter Rail</b>	<b>134</b>
<b>TOTAL STATIONS</b>	<b>278</b>
<b>Bus and Trackless Trolley Stops **</b>	<b>8,500</b>
Shelters: 675	
160 MBTA-owned; 280 Wall USA-owned; 165 Cemusa USA-owned; 70 other-owned	
**(Not included is the South Station Bus Terminal, owned by the MBTA and operated by others under contract)	
<b>Water Transportation Docks</b>	<b>8</b>
(Long Wharf counted twice [north side and south side], excludes seasonal dock at Georges Island)	

REVENUE VEHICLE FLEET (AUGUST 2008)	
<b>SUBWAY (HEAVY RAIL)</b>	
Red #1, 01500 series	24
Red #1, 01600 series	50
Red #2, 01700 series	58
Red #3, 01800 series	86
<b>Total Red (Heavy Rail)</b>	<b>218</b>
Orange #12	120
Blue #4	70
<b>TOTAL HEAVY RAIL</b>	<b>432</b>
<b>ACTIVE GREEN LINE LIGHT RAIL &amp; TROLLEY</b>	
Type 7 Total	112
Type 8 (accepted for service by MBTA)	95
<b>Total Green Line</b>	<b>207</b>
<b>PCC Trolleys (Mattapan - Ashmont Line)</b>	<b>10</b>
<b>TOTAL HEAVY RAIL, LIGHT RAIL, TROLLEY</b>	<b>649</b>
<b>ACTIVE BUS &amp; TRACKLESS TROLLEY</b>	
RTS Diesel Bus	125
40' NABI CNG Bus	299
40' New Flyer CNG Bus	17
Articulated Bus (CNG)	27
Silver Line Washington Street Articulated Bus (CNG)	17
40' Neoplan ECD	193
Silver Line Waterfront DMA Diesel-Electric Bus	24
Silver Line Massport DMA Diesel-Electric Bus	8
Neoplan ETB	28
40' New Flyer D Bus	310
Flyer Trackless Trolley (active)	5
<b>TOTAL BUS AND TRACKLESS TROLLEY</b>	<b>1,053</b>

REVENUE VEHICLE FLEET (AUGUST 2008) CONT.	
<b>COMMUTER RAIL</b>	
Coaches and Cab Cars	410
Passenger Train Locomotives	80
<b>Total Commuter Rail</b>	<b>490</b>
<b>THE RIDE, Vans and Sedans (MBTA-owned only)</b>	<b>419</b>
<b>Total Heavy Rail, Light Rail, Trolley</b>	<b>649</b>
<b>ALL MBTA REVENUE VEHICLES</b>	<b>2,611</b>
On Order: 94 Blue Line #5 cars from Siemens, 24 accepted for service as of 07/21/08	
On Order: 75 bi-level commuter rail cars from Rotem USA	





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