

**General Information**

**Urbanized Area Statistics - 2010 Census**

Boston, MA-NH-RI  
 1,873 Square Miles  
 4,181,019 Population  
 10 Pop. Rank out of 498 UZAs

**Other UZAs Served**

39 Providence, RI-MA, 269 Leominster-Fitchburg, MA, 81 Worcester, MA-CT, 0 Massachusetts Non-UZA

**Service Area Statistics**

3,244 Square Miles  
 3,109,308 Population

**Service Consumption**

1,273,921,336 Annual Passenger Miles (PMT)  
 277,410,755 Annual Unlinked Trips (UPT)  
 932,942 Average Weekly Unlinked Trips  
 455,917 Average Saturday Unlinked Trips  
 281,755 Average Sunday Unlinked Trips

**Service Supplied**

84,298,681 Annual Vehicle Revenue Miles (VRM)  
 6,566,040 Annual Vehicle Revenue Hours (VRH)  
 2,428 Vehicles Operated in Maximum Service (VOMS)  
 2,968 Vehicles Available for Maximum Service (VAMS)

**Database Information**

NTDID: 10003  
 Reporter Type: Full Reporter  
 Asset Type: Tier 1 (Rail)  
 Sponsor NTDID:

**Assets**

Revenue Vehicles 3,558  
 Service Vehicles 1,428  
 Facilities 806  
 Track Miles 1,837.88  
 Lane Miles 13.72

**Financial Information**

**Sources of Operating Funds Expended**

Fares and Directly Generated \$742,533,420 40.0%  
 Local Funds \$8,794,171 0.5%  
 State Funds \$757,086,607 40.8%  
 Federal Assistance \$348,907,270 18.8%

Total Operating Funds Expended \$1,857,321,468 100.0%

**Sources of Capital Funds Expended**

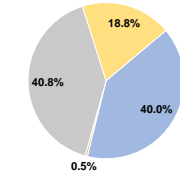
Fares and Directly Generated \$7,915,029 0.8%  
 Local Funds \$7,188,414 0.7%  
 State Funds \$295,414,506 30.0%  
 Federal Assistance \$673,834,034 68.5%

Total Capital Funds Expended \$984,351,983 100.0%

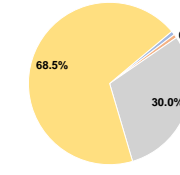
**Summary of Operating Expenses (OE)**

Labor \$786,613,334 50.5%  
 Materials and Supplies \$63,399,808 4.1%  
 Purchased Transportation \$504,815,004 32.4%  
 Other Operating Expenses \$201,964,713 13.0%  
 Total Operating Expenses \$1,556,792,859 100.0%  
 Reconciling OE Cash Expenditures \$300,528,609  
 Purchased Transportation (Reported Separately) \$0

**Operating Funding Sources**



**Capital Funding Sources**



**Performance Measure Targets - 2021**

Performance Measure - Asset Type - Target % not in State of Good Repair

- Equipment - Automobiles - 45%
- Equipment - Steel Wheel Vehicles - 40%
- Equipment - Trucks and other Rubber Tire Vehicles - 27%
- Facility - Administrative / Maintenance Facilities - 45%
- Facility - Passenger / Parking Facilities - 7%
- Infrastructure - CR - Commuter Rail - 1%
- Infrastructure - HR - Heavy Rail - 3%
- Infrastructure - LR - Light Rail - 5%
- Rolling Stock - AB - Articulated Bus - 30%
- Rolling Stock - AO - Automobile - 50%
- Rolling Stock - BU - Bus - 20%
- Rolling Stock - FB - Ferryboat - 0%
- Rolling Stock - HR - Heavy Rail Passenger Car - 52%
- Rolling Stock - LR - Light Rail Vehicle - 39%

Rolling Stock - MV - Minivan - 0%

- Rolling Stock - RL - Commuter Rail Locomotive - 24%
- Rolling Stock - RP - Commuter Rail Passenger Coach - 13%
- Rolling Stock - TB - Trolleybus - 100%
- Rolling Stock - VN - Van - 19%
- Rolling Stock - VT - Vintage Trolley - 100%

**Modal Characteristics**

**Modal Overview**

**Vehicles Operated in Maximum Service**

**Uses of Capital Funds**

Mode	Vehicles Operated in Maximum Service		Revenue Vehicles	Systems and Guideways	Facilities and Stations			Other	Total
	Directly Operated	Purchased Transportation			Stations	Other			
Commuter Rail	-	436	\$53,631,799	\$78,585,214	\$173,200,671	\$39,981,873	\$345,399,557		
Demand Response	-	584	\$0	\$0	\$0	\$0	\$0		
Ferryboat	-	9	\$251,552	\$0	\$280,139	\$0	\$531,691		
Heavy Rail	338	-	\$16,137,744	\$71,080,509	\$53,077,188	\$0	\$140,295,441		
Light Rail	154	-	\$13,334,013	\$65,664,001	\$20,859,993	\$83,816,414	\$183,674,421		
Bus	767	53	\$33,425,156	\$4,361,903	\$20,426,178	\$2,593,868	\$60,807,105		
Bus Rapid Transit	65	-	\$9,148,990	\$0	\$483,113	\$8,859,489	\$18,491,592		
Trolleybus	22	-	\$5,517,340	\$142,754,784	\$21,789,535	\$65,090,517	\$235,152,176		
<b>Total</b>	<b>1,346</b>	<b>1,082</b>	<b>\$131,446,594</b>	<b>\$362,446,411</b>	<b>\$290,116,817</b>	<b>\$200,342,161</b>	<b>\$984,351,983</b>		

**Operation Characteristics**

Mode	Operating Expenses	Fare Revenues	Uses of Capital Funds	Annual Passenger Miles	Annual Unlinked Trips	Annual Vehicle Revenue Miles	Annual Vehicle Revenue Hours	Fixed Guideway Directional Route Miles	Vehicles Available for Maximum Service	Vehicles Operated in Maximum Service	Percent Spare Vehicles	Average Fleet Age in Years <sup>a</sup>
Demand Response	\$120,782,662	\$4,129,568	\$0	10,710,752	1,397,996	12,048,450	1,137,343	0.0	813	584	39.2%	6.2
Ferryboat	\$16,117,145	\$9,895,123	\$531,691	10,161,755	1,194,282	176,412	17,029	38.4	16	9	77.8%	25.4
Heavy Rail	\$323,930,534	\$177,898,047	\$140,295,441	407,181,618	115,683,733	22,203,578	1,328,990	76.3	436	338	29.0%	30.3
Light Rail	\$186,046,342	\$64,265,608	\$183,674,421	97,602,251	41,465,243	5,241,369	717,709	51.0	175	154	13.6%	27.3
Bus	\$476,435,443	\$76,370,133	\$60,807,105	210,602,193	81,645,472	20,498,324	2,408,631	6.8	957	820	16.7%	7.9
Bus Rapid Transit	\$27,447,897	\$8,415,415	\$18,491,592	19,072,682	9,214,174	1,454,757	161,390	13.0	65	65	0.0%	10.0
Trolleybus	\$21,792,337	\$1,511,126	\$235,152,176	4,759,117	2,048,150	375,096	44,820	21.6	28	22	27.3%	16.0
<b>Total</b>	<b>\$1,556,792,859</b>	<b>\$545,414,783</b>	<b>\$984,351,983</b>	<b>1,273,921,336</b>	<b>277,410,755</b>	<b>84,298,681</b>	<b>6,566,040</b>	<b>983.2</b>	<b>2,968</b>	<b>2,428</b>	<b>18.2%</b>	

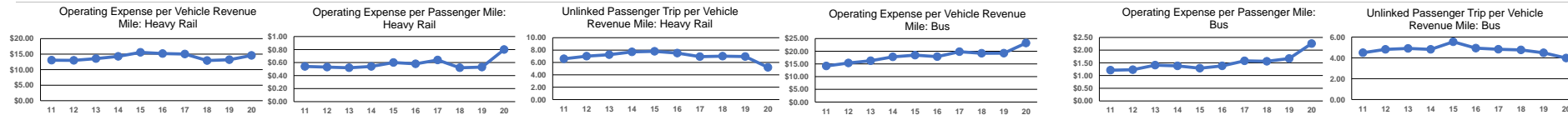
**Performance Measures**

**Service Efficiency**

Mode	Operating Expenses per Vehicle Revenue	
	per Mile	per Hour
Commuter Rail	\$17.23	\$512.23
Demand Response	\$10.02	\$106.20
Ferryboat	\$91.36	\$946.45
Heavy Rail	\$14.59	\$243.74
Light Rail	\$35.50	\$259.22
Bus	\$23.24	\$197.80
Bus Rapid Transit	\$18.87	\$170.07
Trolleybus	\$58.10	\$486.22
<b>Total</b>	<b>\$18.47</b>	<b>\$237.10</b>

**Service Effectiveness**

Mode	Operating Expenses per Passenger Mile	Operating Expenses per Unlinked Passenger Trip	Unlinked Trips per Vehicle Revenue Mile	Unlinked Trips per Vehicle Revenue Hour
Demand Response	\$11.28	\$86.40	0.1	1.2
Ferryboat	\$1.59	\$13.50	6.8	70.1
Heavy Rail	\$0.80	\$2.80	5.2	87.0
Light Rail	\$1.91	\$4.49	7.9	57.8
Bus	\$2.26	\$5.84	4.0	33.9
Bus Rapid Transit	\$1.44	\$2.98	6.3	57.1
Trolleybus	\$4.58	\$10.64	5.5	45.7
<b>Total</b>	<b>\$1.22</b>	<b>\$5.61</b>	<b>3.3</b>	<b>42.2</b>



**Notes:**  
<sup>a</sup>Demand Response - Taxi (DT) and non-dedicated fleets do not report fleet age data.