Massachusetts Bay Transportation Authority (MBTA)

ID Number: 1003
www.mbta.com
10 Park Plaza
Boston, MA 02116

Chief Executive Officer: Robert H. Prince,
General Manager
(617)222-5176

System Wide Information

General Information

Urbanized Area (UZA) Statistics — 1990 Census

Boston, MA	
Square Miles	891
Population	2,775,370
Population Ranking out of 405 UZAs	10
Other UZA's Served:	38, 82, 111, 139, 153, 260, 310

Service Area Statistics

Square Miles	1,038
Population	2,602,487

Service Consumption

Annual Passenger Miles	1,677,781,807
Annual Unlinked Trips	354,860,333
Average Weekday Unlinked Trips	1,188,122
Average Saturday Unlinked Trips	656,921
Average Sunday Unlinked Trips	455,920

Service Supplied

Annual Vehicle Revenue Miles	84,720,460
Annual Vehicle Revenue Hours	5,103,513
Vehicles Available for Maximum Service	2,769
Vehicles Operated in Maximum Service	2,159
Base Period Requirement	784

Financial Information

Fare Revenues Earned

Directly Operated	$242,960,876
Purchased Transportation	7,350,669
Total Fare Revenues Earned	**$250,311,545**

Sources of Operating Funds Expended

Passenger Fares	$250,311,545
Local Funds	154,129,432
State Funds	467,589,119
Federal Assistance [1]	6,453,228
Other Funds	20,467,299
Total Operating Funds Expended	**$898,950,623**

Summary of Operating Expenses

Salaries, Wages and Benefits	$513,437,426
Materials and Supplies	51,158,217
Purchased Transportation	35,244,025
Other Operating Expenses	110,869,332
Total Operating Expenses	**$710,709,000**
Reconciling Cash Expenditures	$220,136,597

Sources of Capital Funds Expended

Local Funds	$209,170,549
State Funds	0
Federal Assistance [2]	91,125,876
Total Capital Funds Expended	**$300,296,425**

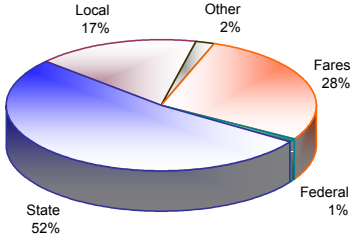
Vehicles Operated in Maximum Service

	Directly Operated	Purchased Transportation
Bus	769	132
Heavy Rail	320	0
Commuter Rail	379	0
Demand Response	0	370
Light Rail	154	0
Trolleybus	23	0
Ferry Boat	0	12
Total	**1,645**	**514**

Uses of Capital Funds

	Rolling Stock	Facilities and Other	Total
Bus	$1,990,505	$1,443,196	$3,433,701
Heavy Rail	5,255,636	60,391,884	65,647,520
Commuter Rail	2,672,943	62,556,575	65,229,518
Demand Response	0	0	0
Light Rail	10,755,489	47,468,915	58,224,404
Trolleybus	0	107,761,282	107,761,282
Ferry Boat	0	0	0
Total	**$20,674,573**	**$279,621,852**	**$300,296,425**

Sources of Operating Funds Expended



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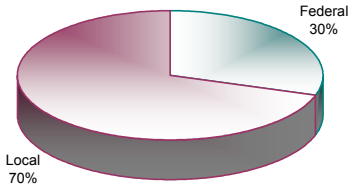


[1] Excludes Federal capital funds used to pay for operating expenses.

[2] Includes Federal capital funds used to pay for operating expenses.

Modal Information

Characteristics

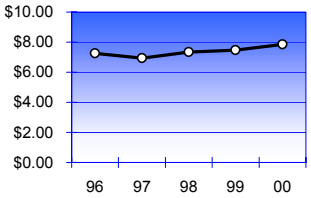
	Bus	Heavy Rail	Commuter Rail	Light Rail
Operating Expense	$213,480,384	$194,838,980	$175,767,711	$89,113,559
Capital Funding	$3,433,701	$65,647,520	$65,229,518	$58,224,404
Annual Passenger Miles	299,034,304	473,924,299	715,045,255	157,925,504
Annual Vehicle Revenue Miles	27,206,991	20,663,407	21,832,809	6,324,839
Annual Unlinked Trips	100,718,436	138,259,519	36,416,816	73,549,312
Average Weekday Unlinked Trips	333,682	448,385	129,474	255,598
Annual Vehicle Revenue Hours	2,380,913	939,246	657,785	421,656
Fixed Guideway Directional Route Miles	13.9	76.3	710.2	51.0
Vehicles Available for Maximum Service	1,126	408	440	188
Average Fleet Age in Years	9.8	17.9	9.9	17.1
Vehicles Operated in Maximum Service	901	320	379	154
Peak to Base Ratio	2.4	2.1	1.9	1.9
Percent Spares	25%	28%	16%	22%
Incidents	343	744	211	237
Patron Fatalities	0	1	0	0

Performance Measures

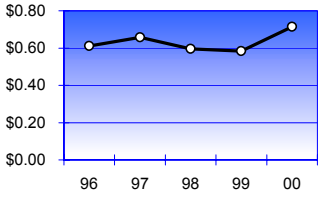
	Bus	Heavy Rail	Commuter Rail	Light Rail
Service Efficiency				
Operating Expense per Vehicle Revenue Mile	$7.85	$9.43	$8.05	$14.09
Operating Expense per Vehicle Revenue Hour	$89.66	$207.44	$267.21	$211.34
Cost Effectiveness				
Operating Expense per Passenger Mile	$0.71	$0.41	$0.25	$0.56
Operating Expense per Unlinked Passenger Trip	$2.12	$1.41	$4.83	$1.21
Service Effectiveness				
Unlinked Passenger Trips per Vehicle Revenue Mile	3.70	6.69	1.67	11.63
Unlinked Passenger Trips per Vehicle Revenue Hour	42.30	147.20	55.36	174.43

Bus

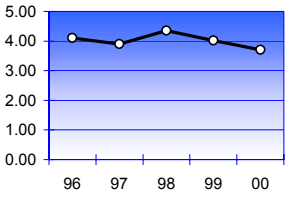
Operating Expense per Vehicle Revenue Mile



Operating Expense per Passenger Mile

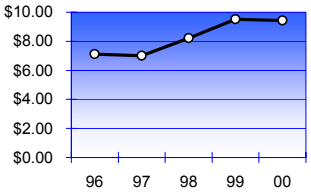


Passenger Trips per Vehicle Revenue Mile

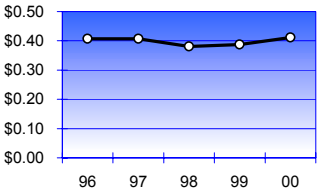


Heavy Rail

Operating Expense per Vehicle Revenue Mile



Operating Expense per Passenger Mile



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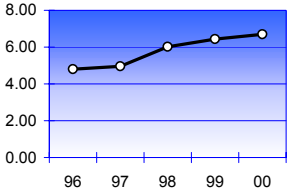

Data Source: 2000 National Transit Database

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