

Massachusetts bay Transportations Authority

Performance Statistics

Mode	Fare Revenue	Operating Expenses	Expenses less Revenue = Subsidy per mode	Service Efficiency		Cost Effectiveness		Service Effectiveness	
				Operating Expense per Vehicle Revenue Mile	Operating Expense per Vehicle Revenue Hour	Operating Expense per Passenger Mile	Operating Expense per Unlinked Passenger Trip	Unlinked Trips per Vehicle Revenue Mile	Unlinked Trips per Vehicle Revenue Hour
Bus	\$71,909,500	\$335,962,214	\$264,052,714	\$13.35	\$142.62	\$1.45	\$3.33	4.00	42.76
Commuter Rail	137,526,369	277,168,433	139,642,064	11.56	346.81	0.34	6.83	1.69	50.78
Heavy Rail	160,515,594	298,480,259	137,964,665	13.28	231.46	0.52	2.01	6.62	115.30
Demand Response	3,302,090	85,892,668	82,590,578	4.32	52.04	2.76	33.22	0.13	1.57
Light Rail	75,225,345	141,028,944	65,803,599	23.05	221.58	0.76	1.99	11.55	111.09
Trolley bus	2,170,181	15,728,883	13,558,702	22.70	216.45	2.34	4.75	4.78	45.56
Ferry Boat	5,393,140	9,222,108	3,828,968	29.82	424.08	0.94	7.62	3.91	55.62
Total	\$456,042,219	\$1,163,483,509	\$707,441,290						

Source: 2009 NTD Database

Performance data	Operating Expense per VRM	Operating Expense per VRH	Operating Expense per PM	Operating Expense per UPM	Unlinked Trips per VRM	Unlinked Trips per VRH
Bus	13.35	142.62	1.45	3.33	4.00	42.76
Heavy Rail	13.28	231.46	0.52	2.01	6.62	115.30
Commuter Rail	11.56	346.81	0.34	6.83	1.69	50.78
Light Rail	23.05	221.58	0.76	1.99	11.55	111.09
Demand Response	4.32	52.04	2.76	33.22	0.13	1.57
Trolley bus	22.70	216.45	2.34	4.75	4.78	45.56
Ferry Boat	29.82	424.08	0.94	7.62	3.91	55.62

Comparison Data Growth in Annual Vehicle Miles

	1996	2009	% Growth
Washington (WMATA)	76,687,058	133,276,138	74%
San Fran (BART & Muni)	71,638,117	96,896,266	35%
New York MTA (NYCT)	388,755,112	521,235,739	34%
MBTA	76,860,603	93,994,720	22%
Philadelphia (SEPTA)	75,589,410	88,999,363	18%
Chicago (RTA)	123,768,338	136,034,447	10%
San Francisco (BART)	47,528,512	67,843,137	43%
San Francisco (Muni)	24,109,605	29,053,129	21%

Comparison Data Revenue Recovery Ratio 2009

	Fare Revenue	other revenue	Total Revenue	Oper Exp	RRR
Washington (WMATA)	622,672,283	184,394,599	807,066,882	1,417,185,044	57%
New York MTA (NYCT)	3,078,891,415	258,054,871	3,336,946,286	6,043,350,246	55%
Chicago (RTA)	508,113,062	57,659,175	565,772,237	1,248,920,132	45%
San Fran (BART & Muni)	469,599,296	54,080,429	523,679,725	1,094,670,407	48%
Philadelphia (SEPTA)	408,753,089	33,557,572	442,310,661	1,032,868,811	43%
MBTA	456,042,220	67,652,125	523,694,345	1,143,483,509	46%
<i>San Francisco (BART)</i>	<i>317,485,269</i>	<i>31,307,395</i>	<i>348,792,664</i>	<i>484,177,232</i>	
<i>San Francisco (Muni)</i>	<i>152,114,027</i>	<i>22,773,034</i>	<i>174,887,061</i>	<i>610,493,175</i>	