



U.S. Department
of Transportation

Federal Transit
Administration

Transit Profiles

the Thirty Largest Agencies

For the
1991 Section 15
Report Year



Audit Review and Analysis Division
Office of Capital and Formula Assistance

CAUTION: Extensive efforts have been made to assure the quality of information contained in this report. It is impossible, however, to achieve complete accuracy and consistency of the reported data. In addition, the reported data do not include all relevant information generally necessary to explain apparent differences in performance (e.g., information related to work rules, topography, climate, and unusual events such as strikes and service start-ups). Users of this report, therefore, should be careful not to draw unwarranted conclusions based solely on the data contained herein.

Transit Profiles

The Thirty Largest Agencies For the 1991 Section 15 Report Year

October 1992

Transit Profiles, The Thirty Largest Agencies for the 1991 Section 15 Report Year

Introduction

This publication consists of consolidated profiles for the thirty (30) largest transit agencies in the United States. The criteria used to determine the thirty (30) largest transit agencies is operating expense reported for the 1991 report year. The data contained in each profile consists of general and summary reports, as well as modal, performance, and trend indicators for the 1991 report year. The 1991 Report Year is defined as a transit reporting agency with a fiscal year ending on or between January 1 and December 31.

In order to provide a more user friendly and easily understood document, a unique publication name has been created for some transit agencies. There were 515 reports included in the Section 15 reporting system for the 1991 report year. Many transit systems have similar names such as "Mass Transportation Authority" or "Regional Transit District." The publication names attempt to place emphasis on urbanized area names to assist with geographical references and also to show relationships with regional governing bodies and contractual relationships with purchased transportation providers.

The left page of the profile shows both, general and financial system information. General information includes the Size of the Urbanized Area, Service Area, Service Supplied, Service Consumed, and the Number of Vehicles Operated in Maximum Service. Financial information includes the Sources of Operating Funds, Summary of Operating Expenses, Sources of Capital Funds Expended, and Uses of Capital Funds. In addition, two pie graphs at the bottom of the page depict the Sources of Operating Funds and Sources of Capital Funds Expended. Pie graphs that have zero value or equal to 100% are not depicted. In addition, the pie graphs are not shown for Sources of Operating Funds where contractual relationships exist and/or where operating subsidiaries are derived from parent organizations.

The right page of the profile portrays transit system characteristics by mode. For systems with more than four modes, only the four largest modes are included. If a transit system operates either or both Motor Bus (MB) and Heavy Rail (HR), these modes will always appear in columns one and two respectively. Two other columns are provided if additional modes are operated (other than or in addition to the primary modes). The columns are arranged in descending order of their respective operating expense. Specific financial and service characteristics, as well as performance measures are listed for each mode. Performance measures have been derived from individual mode characteristic data. The performance measures indicate service efficiency, cost effectiveness and service effectiveness for each mode. These performance measures can be easily compared among various transit systems.

At the bottom of the right page are line graphs for selected performance measures. They are provided for the modes in columns 1 and 2 to indicate trend data from 1988 through 1991.

Transit Profiles, The Thirty Largest Agencies for the 1991 Section 15 Report Year

Inconsistent patterns on the line graphs are due to certain anomalies in the database. There are several reasons for these anomalies. They include: 1) the transit agency commenced reporting after 1988; 2) a new mode was reported after 1988; 3) a report was not received for a given year between 1988 and 1991; 4) a waiver was granted for financial, and/or sampling information; and 5) data was either questionable, partially deleted, or zeroed for a given year.

For transit systems with purchased transportation relationships exceeding one hundred (100) vehicles operated in maximum service, the reports of both the transit agency and the purchased transportation provider(s) have been consolidated in order to provide a comprehensive summary of financial performance as well as the amount of transit service supplied and consumed. Where this consolidation has occurred, a notation of the purchased transportation providers and Section 15 Identification Numbers has been made in the general information section and an asterisk has been placed next to the purchased transportation expense figure.

Financial information reported by transit agencies that file at one of the three voluntary reporting levels (A,B, or C) was aggregated to equivalent required - level (R) data for the profiles in this report.

Appendix A is an average of the thirty (30) largest agencies. Each data item is the average of the thirty (30) transit profiles included in this report. This average can be used to compare with individual transit system performance.

Appendix B provides a Cross Reference Table and indicates where each data item appearing in this Profile can be located in the Section 15 report filed by individual transit systems. For data items that were derived, the formula used to calculate each item is listed. Appendix B is based on a 1991 R (Required) reporting level.

Additional information can be obtained from the following reference materials:

- *Transit Profiles, Agencies in Urbanized Areas Exceeding 200,000 Population for the 1991 Section 15 Report Year*
- *Transit Profiles, Agencies in Urbanized Areas with a Population of less than 200,000 for the 1991 Section 15 Report Year*
- *Data Tables for the 1991 Section 15 Report Year*
- *National Transit Summaries and Trends for the 1991 Section 15 Report Year*
- *Glossary of Transit Terms, Used for the 1990-1991 Section 15 Report Year*

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*Transit systems which have purchased transportation contracts exceeding one hundred (100) vehicles operated in maximum service are denoted by an asterisk. For these transit systems, data has been aggregated for both the transit system and purchased transportation provider(s).

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**Transit Profiles, The Thirty Largest Agencies
for the 1991 Section 15 Report Year**

Transit Profiles

Metropolitan Atlanta Rapid Transit Authority (MARTA)

2424 Piedmont Road, N.E.
 Atlanta, GA 30324-3330
 (404)848-5610

Chief Executive Officer: Kenneth M. Gregor,
 General Manager

Section 15 ID Number: 4022

General Information (System Wide)

Urbanized Area (UZA) Statistics - 1990 Census
Atlanta, GA

Square Miles	1,137
Population	2,157,806
Population Ranking Out of 405 UZA's	12

Service Area Statistics

Square Miles	804
Population	1,224,600

Service Consumption

Annual Passenger Miles	622,974,861
Annual Unlinked Trips	143,187,822
Average Weekday Unlinked Trips	474,258
Average Saturday Unlinked Trips	274,730
Average Sunday Unlinked Trips	154,047

Service Supplied

Annual Vehicle Revenue Miles	41,508,639
Annual Vehicle Revenue Hours	2,572,425
Total Fleet	973
Vehicles Operated in Maximum Service	737
Base Period Requirement	372

Vehicles Operated in Maximum Service

	Directly Operated	Purchased Transportation
Motor Bus	564	20
Heavy Rail	139	0
Demand Response	0	14

Financial Information (System Wide)

Sources of Operating Funds

Passenger Fares	\$62,145,851
Local Assistance	81,828,070
State Assistance	75,353
Federal Assistance	10,774,090
Other Revenues	30,474,630
Total Operating Funds	(1991) \$185,297,994
	(1990) \$195,182,303
	(1989) \$170,041,973

Summary of Operating Expenses

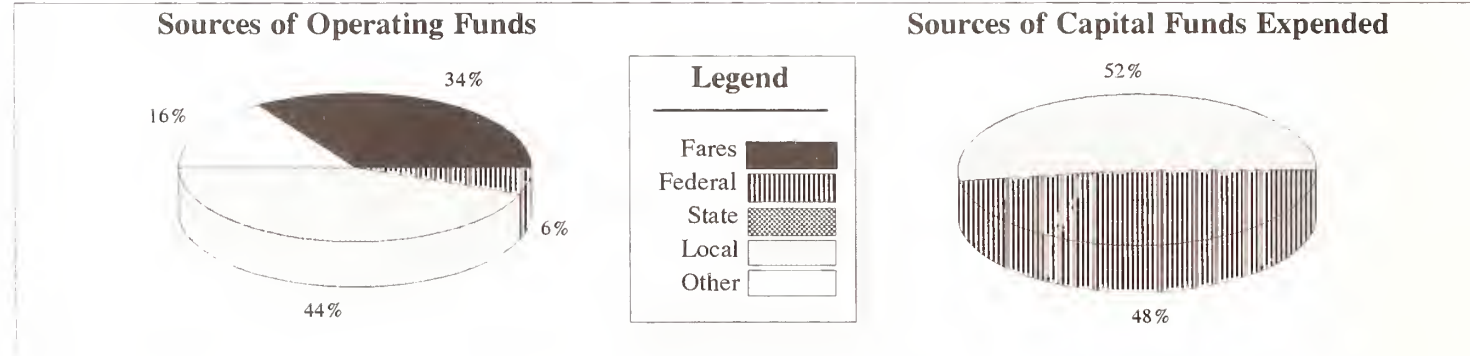
Salaries/Wages/Benefits	\$136,107,703
Materials & Supplies	19,608,495
Purchased Transportation	2,147,443
Other Expenses	11,388,532
Total Operating Expenses	(1991) \$169,252,173
	(1990) \$165,825,411
	(1989) \$158,032,799

Sources of Capital Funds Expended

Local Assistance	\$103,059,697
State Assistance	0
Federal Assistance	94,296,021
Total Capital Funds Expended	(1991) \$197,355,718
	(1990) \$120,956,546
	(1989) \$100,259,297

Uses of Capital Funds

Bus	\$33,804,364
Existing Fixed Guideway Segments	2,487,823
New Fixed Guideway Segments	161,063,531
Total Uses of Capital Funds	(1991) \$197,355,718



Metropolitan Atlanta Rapid Transit Authority (MARTA)

Characteristics

	Motor Bus	Heavy Rail	Demand Response
Operating Expense	\$106,022,779	\$62,219,155	\$1,010,239
Annual Passenger Miles	272,849,957	349,648,696	476,208
Annual Vehicle Revenue Miles	25,374,729	15,633,410	500,500
Annual Unlinked Trips	76,031,138	67,117,000	39,684
Average Weekday Unlinked Trips	252,372	221,729	157
Annual Vehicle Revenue Hours	1,932,145	612,802	27,478
Fixed Guideway Directional Route Miles	0.2	67.0	0.0
Total Fleet	714	240	19
Average Fleet Age in Years	5.1	7.9	0.0
Vehicles Operated in Maximum Service	584	139	14
Peak to Base Ratio	2.1	1.5	1.0
Spare Ratio	22%	73%	36%

Performance Measures

Service Efficiency

Operating Expense/Vehicle Revenue Mile	\$4.18	\$3.98	\$2.02
Operating Expense/Vehicle Revenue Hour	\$54.87	\$101.53	\$36.77

Cost Effectiveness

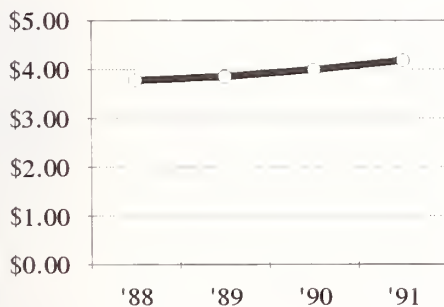
Operating Expense/Passenger Mile	\$0.39	\$0.18	\$2.12
Operating Expense/Unlinked Passenger Trip	\$1.39	\$0.93	\$25.46

Service Effectiveness

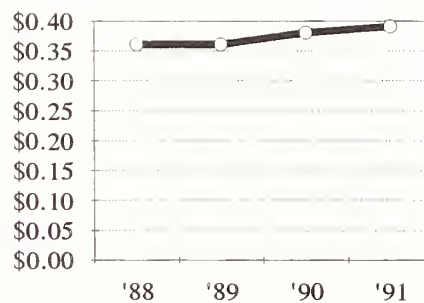
Unlinked Passenger Trips/Vehicle Revenue Mile	3.00	4.29	0.08
Unlinked Passenger Trips/Vehicle Revenue Hour	39.35	109.52	1.44

Motor Bus

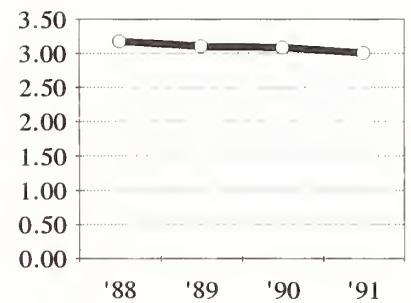
Operating Expense Per Vehicle Revenue Mile



Operating Expense Per Passenger Mile

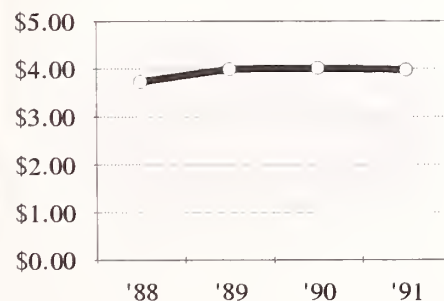


Passenger Trips Per Vehicle Revenue Mile

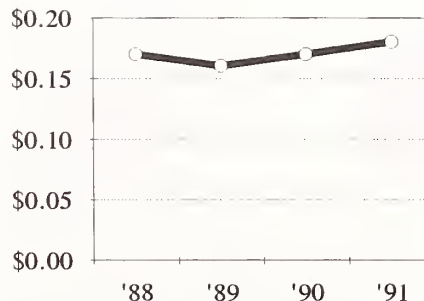


Heavy Rail

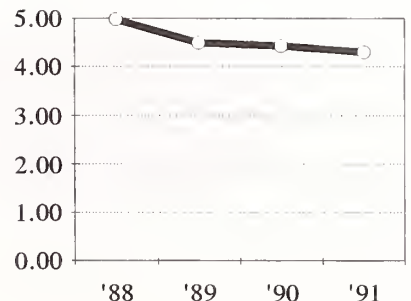
Operating Expense Per Vehicle Revenue Mile



Operating Expense Per Passenger Mile



Passenger Trips Per Vehicle Revenue Mile



Source: 1991 Section 15 Annual Report

Maryland Mass Transit Administration (MTA)

1515 Washington Boulevard
Baltimore, MD 21230
(301)333-2865

Chief Executive Officer: Ronald J. Hartman,
Administrator/General Manager

Section 15 ID Number: 3034

General Information (System Wide)

Urbanized Area (UZA) Statistics - 1990 Census

Baltimore, MD	
Square Miles	593
Population	1,889,873
Population Ranking Out of 405 UZA's	17
Other UZA's Served:	7

Service Area Statistics

Square Miles	1,795
Population	2,077,667

Service Consumption

Annual Passenger Miles	367,155,559
Annual Unlinked Trips	107,013,124
Average Weekday Unlinked Trips	370,852
Average Saturday Unlinked Trips	168,534
Average Sunday Unlinked Trips	67,881

Service Supplied

Annual Vehicle Revenue Miles	25,497,048
Annual Vehicle Revenue Hours	1,982,388
Total Fleet	1,064
Vehicles Operated in Maximum Service	869
Base Period Requirement	301

Vehicles Operated in Maximum Service

	Directly Operated	Purchased Transportation
Motor Bus	703	60
Heavy Rail	60	0
Demand Response	12	34

Financial Information (System Wide)

Sources of Operating Funds

Passenger Fares		\$67,206,154
Local Assistance		0
State Assistance		82,020,570
Federal Assistance		8,866,079
Other Revenues		1,851,420
Total Operating Funds	(1991)	\$159,944,223
	(1990)	\$155,170,418
	(1989)	\$141,706,590

Summary of Operating Expenses

Salaries/Wages/Benefits		\$120,892,440
Materials & Supplies		18,022,588
Purchased Transportation		5,866,846
Other Expenses		16,201,163
Total Operating Expenses	(1991)	\$160,983,037
	(1990)	\$151,755,008
	(1989)	\$137,506,427

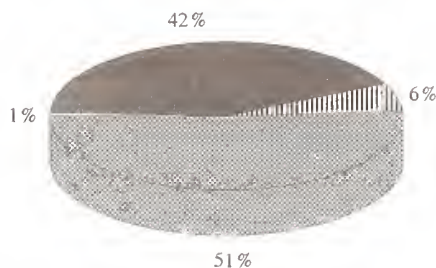
Sources of Capital Funds Expended

Local Assistance		\$10,066,902
State Assistance		114,769,973
Federal Assistance		63,622,725
Total Capital Funds Expended	(1991)	\$188,459,600
	(1990)	\$175,974,687
	(1989)	\$69,037,361

Uses of Capital Funds

Bus		\$13,776,750
Existing Fixed Guideway Segments		7,366,343
New Fixed Guideway Segments		167,316,507
Total Uses of Capital Funds	(1991)	\$188,459,600

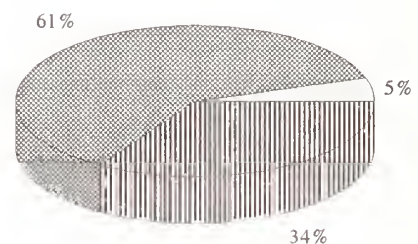
Sources of Operating Funds



Legend

Fares	
Federal	
State	
Local	
Other	

Sources of Capital Funds Expended



Maryland Mass Transit Administration (MTA)

Characteristics

	Motor Bus	Heavy Rail	Demand Response
Operating Expense	\$126,254,831	\$31,620,361	\$3,107,845
Annual Passenger Miles	304,175,636	61,912,892	1,067,031
Annual Vehicle Revenue Miles	21,110,611	3,376,602	1,009,835
Annual Unlinked Trips	94,005,363	12,819,897	187,864
Average Weekday Unlinked Trips	325,075	45,105	672
Annual Vehicle Revenue Hours	1,767,203	145,774	69,411
Fixed Guideway Directional Route Miles	0.0	26.6	0.0
Total Fleet	910	100	54
Average Fleet Age in Years	6.1	6.4	1.1
Vehicles Operated in Maximum Service	763	60	46
Peak to Base Ratio	3.1	4.3	N/A
Spare Ratio	19%	67%	17%

Performance Measures

Service Efficiency

Operating Expense/Vehicle Revenue Mile	\$5.98	\$9.36	\$3.08
Operating Expense/Vehicle Revenue Hour	\$71.44	\$216.91	\$44.77

Cost Effectiveness

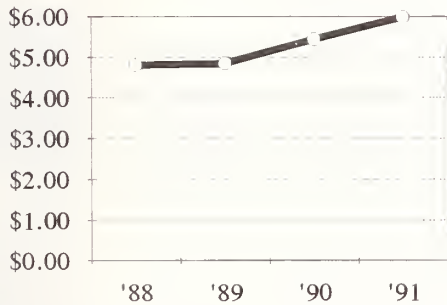
Operating Expense/Passenger Mile	\$0.42	\$0.51	\$2.91
Operating Expense/Unlinked Passenger Trip	\$1.34	\$2.47	\$16.54

Service Effectiveness

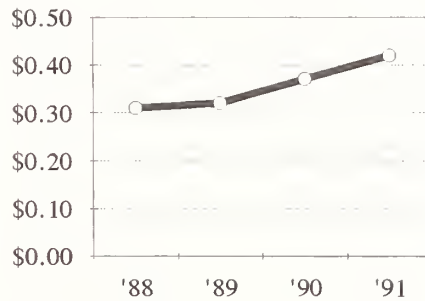
Unlinked Passenger Trips/Vehicle Revenue Mile	4.45	3.80	0.19
Unlinked Passenger Trips/Vehicle Revenue Hour	53.19	87.94	2.71

Motor Bus

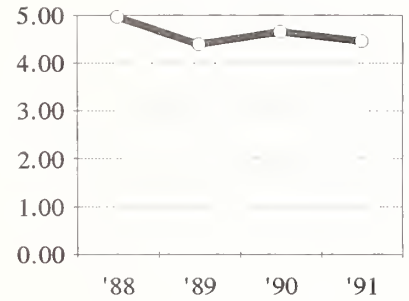
Operating Expense Per Vehicle Revenue Mile



Operating Expense Per Passenger Mile

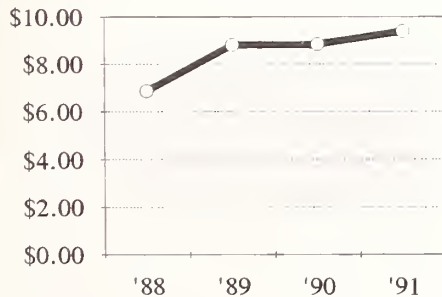


Passenger Trips Per Vehicle Revenue Mile

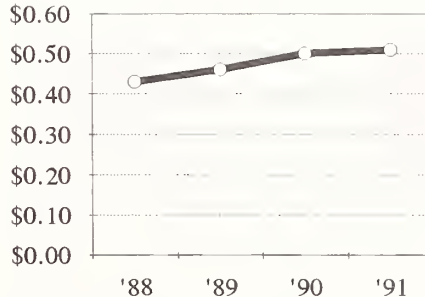


Heavy Rail

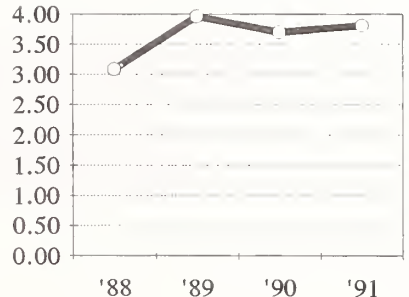
Operating Expense Per Vehicle Revenue Mile



Operating Expense Per Passenger Mile



Passenger Trips Per Vehicle Revenue Mile



Source: 1991 Section 15 Annual Report

Boston-Massachusetts Bay Transportation Authority (MBTA)

10 Park Plaza
Boston, MA 02116
(617)722-3399

Chief Executive Officer: John J. Haley, Jr.,
General Manager

Section 15 ID Number: 1003

Purchased Transportation Providers: Boston-MBTA Contract Services- Amtrak (1100)

General Information (System Wide)

Urbanized Area (UZA) Statistics - 1990 Census

Boston, MA	
Square Miles	891
Population	2,775,370
Population Ranking Out of 405 UZA's	10
Other UZA's Served:	38, 111

Service Area Statistics

Square Miles	1,038
Population	2,602,487

Service Consumption

Annual Passenger Miles	1,213,723,253
Annual Unlinked Trips	317,286,639
Average Weekday Unlinked Trips	1,023,650
Average Saturday Unlinked Trips	690,682
Average Sunday Unlinked Trips	385,958

Service Supplied

Annual Vehicle Revenue Miles	66,765,022
Annual Vehicle Revenue Hours	4,027,407
Total Fleet	2,279
Vehicles Operated in Maximum Service	1,824
Base Period Requirement	896

Vehicles Operated in Maximum Service

	Directly Operated	Purchased Transportation
Motor Bus	755	82
Heavy Rail	393	0
Commuter Rail	0	284
Light Rail	193	0
Demand Response	0	86
Trolleybus	23	0
Ferry Boat	0	8

Financial Information (System Wide)

Sources of Operating Funds

Passenger Fares	\$123,427,965
Local Assistance	105,519,439
State Assistance	380,597,666
Federal Assistance	18,321,827
Other Revenues	17,364,291
Total Operating Funds	(1991) \$645,231,188
	(1990) \$593,866,382
	(1989) \$544,152,314

Summary of Operating Expenses

Salaries/Wages/Benefits	\$370,921,682
Materials & Supplies	29,300,431
Purchased Transportation	108,104,382 *
Other Expenses	63,583,742
Total Operating Expenses	(1991) \$571,910,237
	(1990) \$532,270,151
	(1989) \$487,930,954

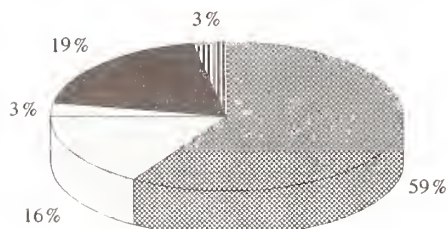
Sources of Capital Funds Expended

Local Assistance	\$163,251,369
State Assistance	41,326,390
Federal Assistance	75,681,796
Total Capital Funds Expended	(1991) \$280,259,555
	(1990) \$143,808,477
	(1989) \$142,428,352

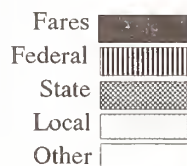
Uses of Capital Funds

Bus	\$76,483
Existing Fixed Guideway Segments	258,662,234
New Fixed Guideway Segments	21,520,838
Total Uses of Capital Funds	(1991) \$280,259,555

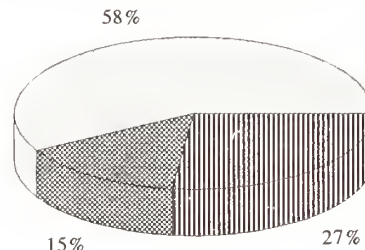
Sources of Operating Funds



Legend



Sources of Capital Funds Expended



Boston-Massachusetts Bay Transportation Authority (MBTA)

Characteristics

	Motor Bus	Heavy Rail	Commuter Rail	Light Rail
Operating Expense	\$187,673,727	\$241,023,556	\$97,220,848	\$23,482,617
Annual Passenger Miles	276,651,084	523,598,916	364,358,159	31,812,844
Annual Vehicle Revenue Miles	24,721,295	22,621,482	14,614,056	1,418,845
Annual Unlinked Trips	97,859,475	172,236,486	19,855,272	22,736,039
Average Weekday Unlinked Trips	326,431	536,740	73,853	70,284
Annual Vehicle Revenue Hours	1,977,868	1,143,157	495,353	113,497
Fixed Guideway Directional Route Miles	10.0	76.7	529.8	52.0
Total Fleet	1,171	400	317	229
Average Fleet Age in Years	8.7	15.9	0.0	11.0
Vehicles Operated in Maximum Service	837	393	284	193
Peak to Base Ratio	2.6	2.4	N/A	1.3
Spare Ratio	40%	2%	12%	19%

Performance Measures

Service Efficiency

	Motor Bus	Heavy Rail	Commuter Rail	Light Rail
Operating Expense/Vehicle Revenue Mile	\$7.59	\$10.65	\$6.65	\$16.55
Operating Expense/Vehicle Revenue Hour	\$94.89	\$210.84	\$196.27	\$206.90

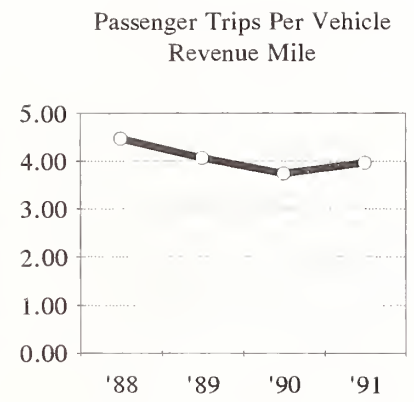
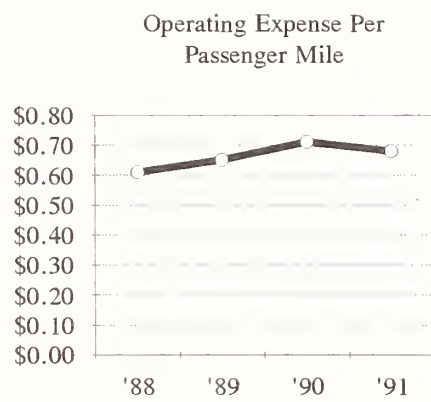
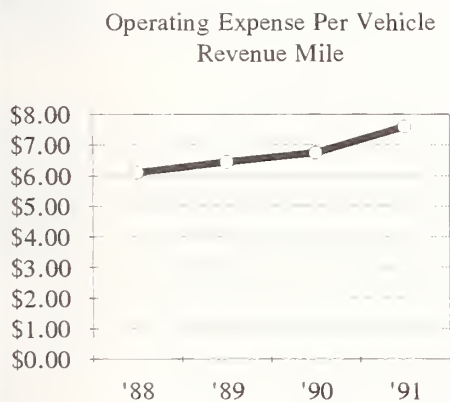
Cost Effectiveness

	Motor Bus	Heavy Rail	Commuter Rail	Light Rail
Operating Expense/Passenger Mile	\$0.68	\$0.46	\$0.27	\$0.74
Operating Expense/Unlinked Passenger Trip	\$1.92	\$1.40	\$4.90	\$1.03

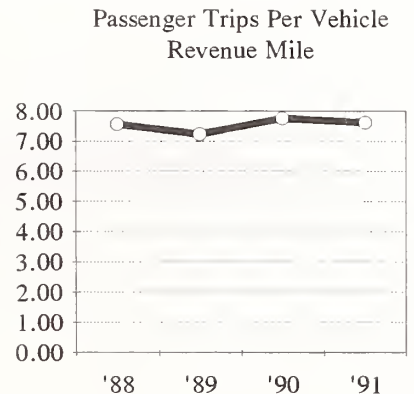
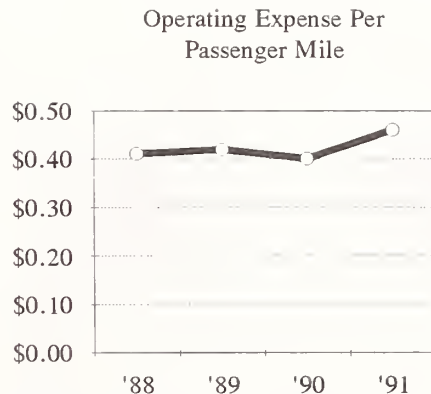
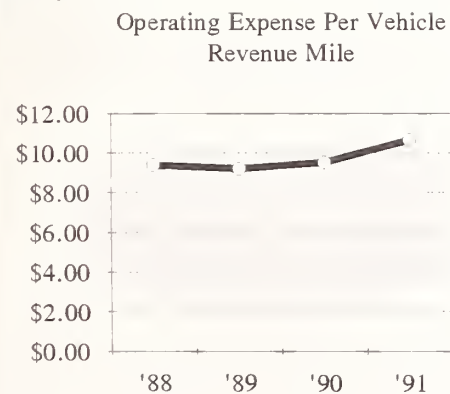
Service Effectiveness

	Motor Bus	Heavy Rail	Commuter Rail	Light Rail
Unlinked Passenger Trips/Vehicle Revenue Mile	3.96	7.61	1.36	16.02
Unlinked Passenger Trips/Vehicle Revenue Hour	49.48	150.67	40.08	200.32

Motor Bus



Heavy Rail



Source: 1991 Section 15 Annual Report

Chicago-RTA-Chicago Transit Authority (CTA)

Merchandise Mart Plaza
Chicago, IL 60654
(312)664-7200

Chief Executive Officer: Robert E. Belcaster.
President

Section 15 ID Number: 5066

General Information (System Wide)

Urbanized Area (UZA) Statistics - 1990 Census

Chicago, IL--Northwestern IN	
Square Miles	1,585
Population	6,792,087
Population Ranking Out of 405 UZA's	3

Service Area Statistics

Square Miles	356
Population	3,708,773

Service Consumption

Annual Passenger Miles	1,859,575,942
Annual Unlinked Trips	540,646,178
Average Weekday Unlinked Trips	1,801,074
Average Saturday Unlinked Trips	956,072
Average Sunday Unlinked Trips	576,851

Service Supplied

Annual Vehicle Revenue Miles	134,068,483
Annual Vehicle Revenue Hours	9,694,118
Total Fleet	3,566
Vehicles Operated in Maximum Service	2,907
Base Period Requirement	1,552

Vehicles Operated in Maximum Service

	Directly Operated	Purchased Transportation
Motor Bus	1,796	0
Heavy Rail	924	0
Demand Response	0	187

Financial Information (System Wide)

Sources of Operating Funds

Passenger Fares	\$321,420,405
Local Assistance	326,051,991
State Assistance	31,454,021
Federal Assistance	41,509,199
Other Revenues	12,461,803
Total Operating Funds	(1991) \$732,897,419
	(1990) \$723,469,941
	(1989) \$668,938,260

Summary of Operating Expenses

Salaries/Wages/Benefits	\$560,912,850
Materials & Supplies	75,501,026
Purchased Transportation	15,891,355
Other Expenses	114,113,647
Total Operating Expenses	(1991) \$766,418,878
	(1990) \$720,767,139
	(1989) \$670,030,926

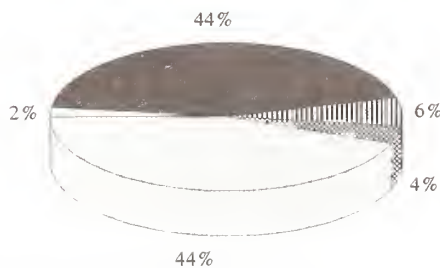
Sources of Capital Funds Expended

Local Assistance	\$156,144,800
State Assistance	23,552,924
Federal Assistance	227,319,625
Total Capital Funds Expended	(1991) \$407,017,349
	(1990) \$102,020,707
	(1989) \$48,035,628

Uses of Capital Funds

Bus	\$204,313,213
Existing Fixed Guideway Segments	191,334,598
New Fixed Guideway Segments	11,369,538
Total Uses of Capital Funds	(1991) \$407,017,349

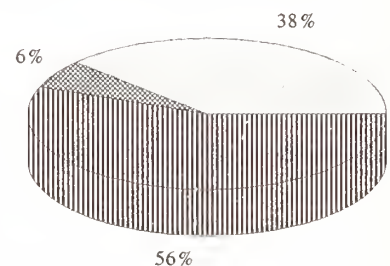
Sources of Operating Funds



Legend



Sources of Capital Funds Expended



Chicago-RTA-Chicago Transit Authority (CTA)

Characteristics

	Motor Bus	Heavy Rail	Demand Response
Operating Expense	\$446,529,546	\$303,557,688	\$16,331,644
Annual Passenger Miles	999,825,935	851,698,829	8,051,178
Annual Vehicle Revenue Miles	71,737,305	57,598,066	4,733,112
Annual Unlinked Trips	392,088,602	147,608,116	949,460
Average Weekday Unlinked Trips	1,285,865	512,153	3,056
Annual Vehicle Revenue Hours	7,143,308	2,550,810	0
Fixed Guideway Directional Route Miles	6.7	191.0	0.0
Total Fleet	2,152	1,205	209
Average Fleet Age in Years	6.3	14.7	1.4
Vehicles Operated in Maximum Service	1,796	924	187
Peak to Base Ratio	1.8	2.3	N/A
Spare Ratio	20%	30%	12%

Performance Measures

Service Efficiency

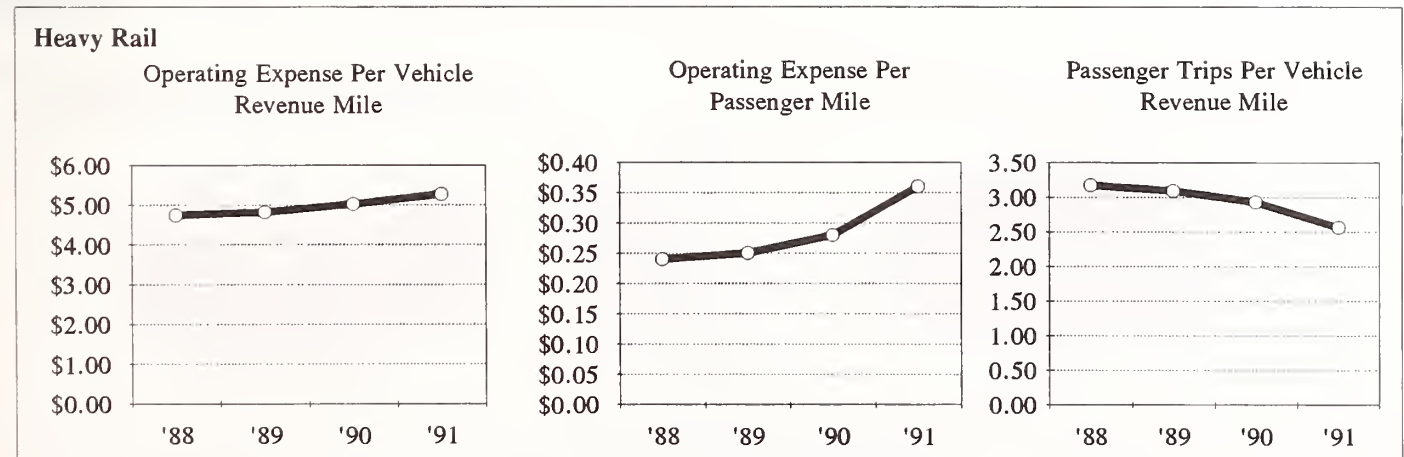
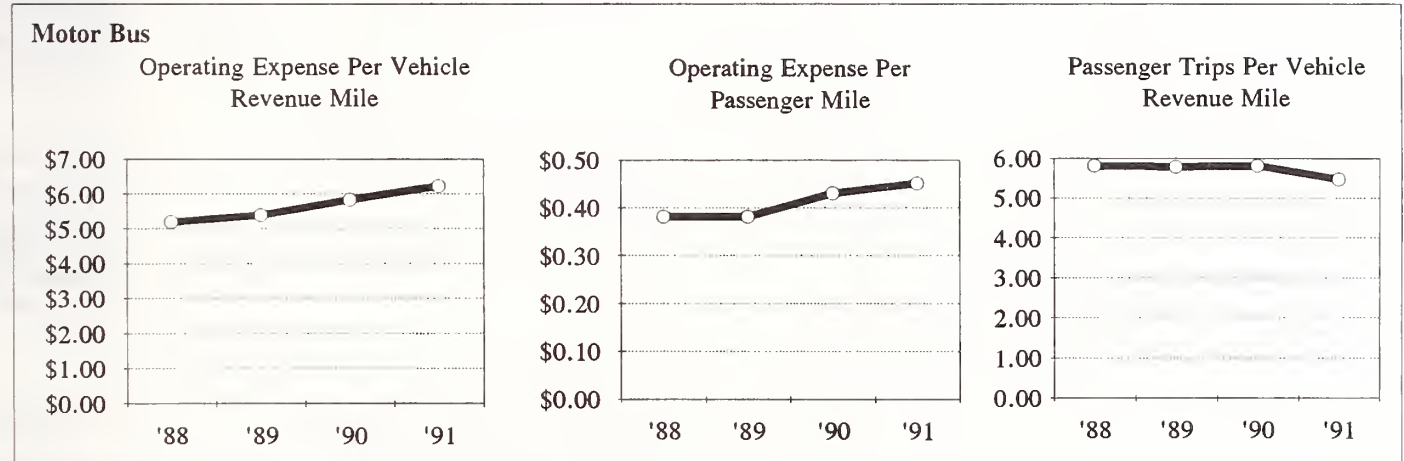
Operating Expense/Vehicle Revenue Mile	\$6.22	\$5.27	\$3.45
Operating Expense/Vehicle Revenue Hour	\$62.51	\$119.00	\$0.00

Cost Effectiveness

Operating Expense/Passenger Mile	\$0.45	\$0.36	\$2.03
Operating Expense/Unlinked Passenger Trip	\$1.14	\$2.06	\$17.20

Service Effectiveness

Unlinked Passenger Trips/Vehicle Revenue Mile	5.47	2.56	0.20
Unlinked Passenger Trips/Vehicle Revenue Hour	54.89	57.87	0.00



Source: 1991 Section 15 Annual Report

Chicago-RTA-Northeastern Illinois Regional Commuter Railroad Corporation (Metra)

547 West Jackson Boulevard
Chicago, IL 60661
(312)322-6425

Chief Executive Officer: Philip A. Pagano,
Executive Director

Section 15 ID Number: 5118

Purchased Transportation Providers: Chicago-RTA-Metra Contract Services- Chicago & Northwestern Transportation
Company (5121), Chicago-RTA-Metra Contract Services- Burlington Northern Railroad Corporation (5122)

General Information (System Wide)

Urbanized Area (UZA) Statistics - 1990 Census Chicago, IL--Northwestern IN

Square Miles	1,585
Population	6,792,087
Population Ranking Out of 405 UZA's	3

Service Area Statistics

Square Miles	3,721
Population	7,261,176

Service Consumption

Annual Passenger Miles	1,339,750,504
Annual Unlinked Trips	63,720,905
Average Weekday Unlinked Trips	252,017
Average Saturday Unlinked Trips	31,181
Average Sunday Unlinked Trips	14,960

Service Supplied

Annual Vehicle Revenue Miles	29,837,009
Annual Vehicle Revenue Hours	923,074
Total Fleet	890
Vehicles Operated in Maximum Service	831
Base Period Requirement	265

Vehicles Operated in Maximum Service

	Directly Operated	Purchased Transportation
Commuter Rail	358	473

Financial Information (System Wide)

Sources of Operating Funds

Passenger Fares	\$148,783,340
Local Assistance	23,031,753
State Assistance	138,976,769
Federal Assistance	4,852,870
Other Revenues	24,711,430
Total Operating Funds	(1991) \$340,356,162
	(1990) \$343,472,555
	(1989) \$335,989,161

Summary of Operating Expenses

Salaries/Wages/Benefits	\$112,808,747
Materials & Supplies	14,063,580
Purchased Transportation	130,263,082 *
Other Expenses	27,389,673
Total Operating Expenses	(1991) \$284,525,082
	(1990) \$285,201,448
	(1989) \$268,563,221

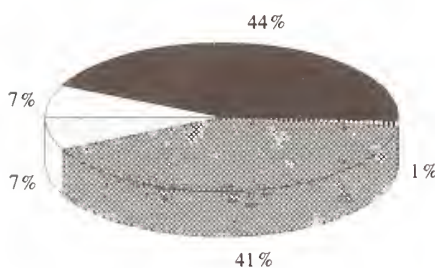
Sources of Capital Funds Expended

Local Assistance	\$61,739,355
State Assistance	18,094,441
Federal Assistance	63,831,302
Total Capital Funds Expended	(1991) \$143,665,098
	(1990) \$142,563,969
	(1989) \$92,266,415

Uses of Capital Funds

Bus	\$0
Existing Fixed Guideway Segments	143,665,098
New Fixed Guideway Segments	0
Total Uses of Capital Funds	(1991) \$143,665,098

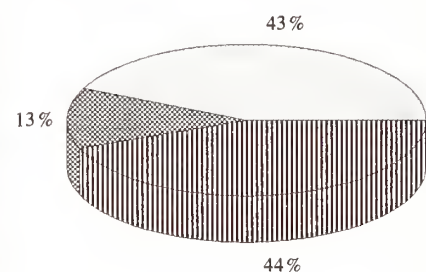
Sources of Operating Funds



Legend



Sources of Capital Funds Expended



Chicago-RTA-Northeastern Illinois Regional Commuter Railroad Corporation (Metra)

Characteristics

	Commuter Rail
Operating Expense	\$284,525,082
Annual Passenger Miles	1,339,750,504
Annual Vehicle Revenue Miles	29,837,009
Annual Unlinked Trips	63,720,905
Average Weekday Unlinked Trips	252,017
Annual Vehicle Revenue Hours	923,074
Fixed Guideway Directional Route Miles	864.4
Total Fleet	890
Average Fleet Age in Years	16.8
Vehicles Operated in Maximum Service	831
Peak to Base Ratio	3.1
Spare Ratio	7%

Performance Measures

Service Efficiency

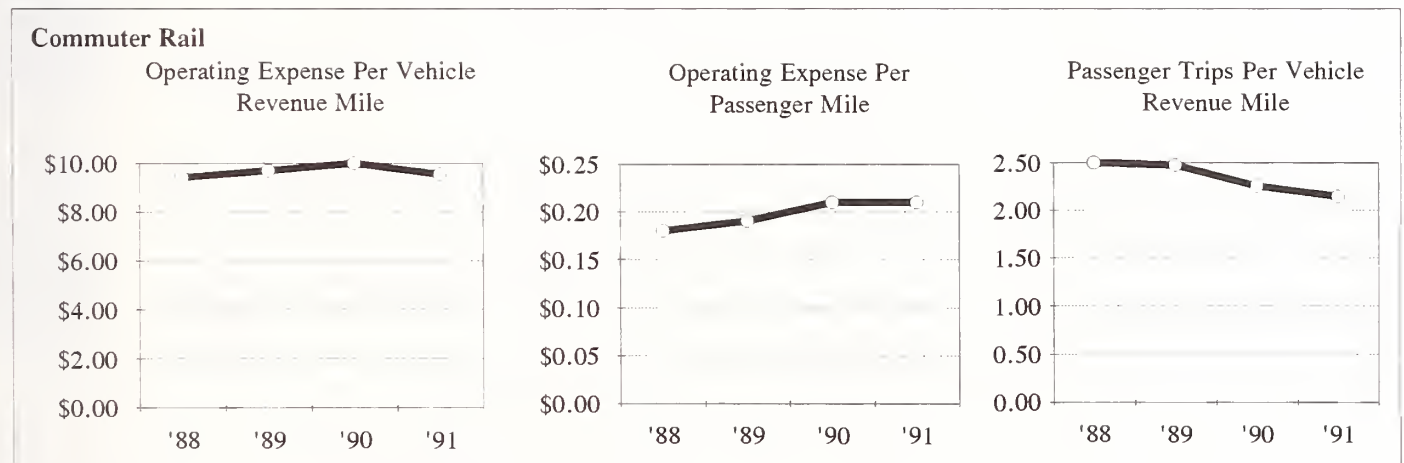
Operating Expense/Vehicle Revenue Mile	\$9.54
Operating Expense/Vehicle Revenue Hour	\$308.24

Cost Effectiveness

Operating Expense/Passenger Mile	\$0.21
Operating Expense/Unlinked Passenger Trip	\$4.47

Service Effectiveness

Unlinked Passenger Trips/Vehicle Revenue Mile	2.14
Unlinked Passenger Trips/Vehicle Revenue Hour	69.03



Greater Cleveland Regional Transit Authority (RTA)

615 Superior Avenue, N.W.
Cleveland, OH 44113-1877
(216)566-5275

Chief Executive Officer: Ronald J. Tober,
General Manager/Secretary Treasurer

Section 15 ID Number: 5015

General Information (System Wide)

Urbanized Area (UZA) Statistics - 1990 Census

Cleveland, OH

Square Miles	636
Population	1,677,492
Population Ranking Out of 405 UZA's	21

Service Area Statistics

Square Miles	687
Population	1,688,676

Service Consumption

Annual Passenger Miles	280,556,429
Annual Unlinked Trips	66,760,861
Average Weekday Unlinked Trips	205,992
Average Saturday Unlinked Trips	131,636
Average Sunday Unlinked Trips	127,448

Service Supplied

Annual Vehicle Revenue Miles	26,769,485
Annual Vehicle Revenue Hours	1,749,055
Total Fleet	990
Vehicles Operated in Maximum Service	770
Base Period Requirement	381

Vehicles Operated in Maximum Service

	Directly Operated	Purchased Transportation
Motor Bus	630	0
Heavy Rail	38	0
Demand Response	50	24
Light Rail	28	0

Financial Information (System Wide)

Sources of Operating Funds

Passenger Fares	\$40,189,776
Local Assistance	98,743,596
State Assistance	8,610,255
Federal Assistance	9,910,333
Other Revenues	8,555,144
Total Operating Funds	(1991) \$166,009,104
	(1990) \$153,932,478
	(1989) \$152,384,584

Summary of Operating Expenses

Salaries/Wages/Benefits	\$111,798,394
Materials & Supplies	16,985,947
Purchased Transportation	7,954,507
Other Expenses	17,667,173
Total Operating Expenses	(1991) \$154,406,021
	(1990) \$147,925,121
	(1989) \$133,647,353

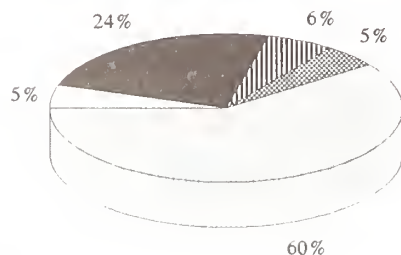
Sources of Capital Funds Expended

Local Assistance	\$12,024,929
State Assistance	29,800
Federal Assistance	22,210,874
Total Capital Funds Expended	(1991) \$34,265,603
	(1990) \$63,313,763
	(1989) \$40,617,671

Uses of Capital Funds

Bus	\$17,984,942
Existing Fixed Guideway Segments	16,280,661
New Fixed Guideway Segments	0
Total Uses of Capital Funds	(1991) \$34,265,603

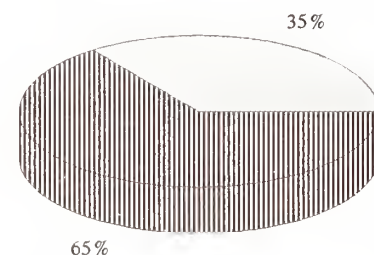
Sources of Operating Funds



Legend

Fares	
Federal	
State	
Local	
Other	

Sources of Capital Funds Expended



Greater Cleveland Regional Transit Authority (RTA)

Characteristics

	Motor Bus	Heavy Rail	Light Rail	Demand Response
Operating Expense	\$115,287,178	\$21,078,587	\$12,656,017	\$5,384,239
Annual Passenger Miles	197,073,076	48,889,688	32,940,864	1,652,801
Annual Vehicle Revenue Miles	22,569,334	2,009,989	1,139,401	1,050,761
Annual Unlinked Trips	54,476,299	6,413,659	5,459,309	411,594
Average Weekday Unlinked Trips	162,896	22,515	19,137	1,444
Annual Vehicle Revenue Hours	1,482,807	81,732	58,783	125,733
Fixed Guideway Directional Route Miles	0.0	38.2	26.7	0.0
Total Fleet	756	60	48	126
Average Fleet Age in Years	6.1	8.0	10.0	4.7
Vehicles Operated in Maximum Service	630	38	28	74
Peak to Base Ratio	2.1	3.2	4.3	0.4
Spare Ratio	20%	58%	71%	70%

Performance Measures

Service Efficiency

Operating Expense/Vehicle Revenue Mile	\$5.11	\$10.49	\$11.11	\$5.12
Operating Expense/Vehicle Revenue Hour	\$77.75	\$257.90	\$215.30	\$42.82

Cost Effectiveness

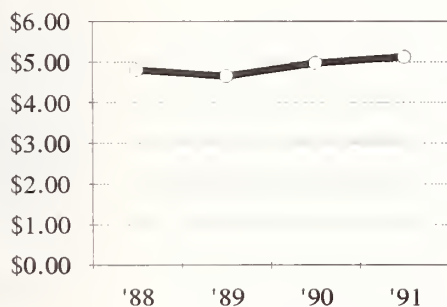
Operating Expense/Passenger Mile	\$0.58	\$0.43	\$0.38	\$3.26
Operating Expense/Unlinked Passenger Trip	\$2.12	\$3.29	\$2.32	\$13.08

Service Effectiveness

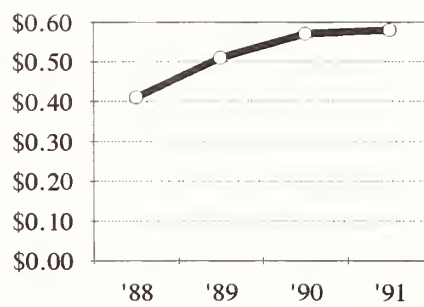
Unlinked Passenger Trips/Vehicle Revenue Mile	2.41	3.19	4.79	0.39
Unlinked Passenger Trips/Vehicle Revenue Hour	36.74	78.47	92.87	3.27

Motor Bus

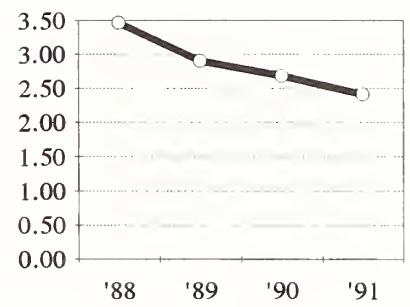
Operating Expense Per Vehicle Revenue Mile



Operating Expense Per Passenger Mile

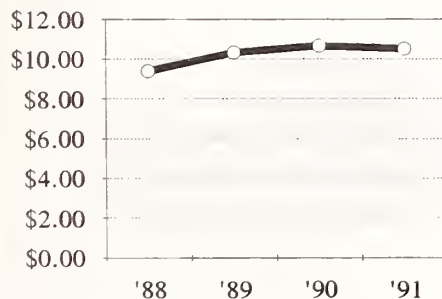


Passenger Trips Per Vehicle Revenue Mile

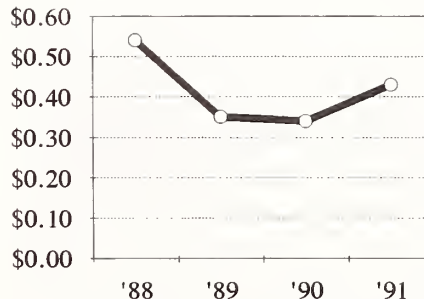


Heavy Rail

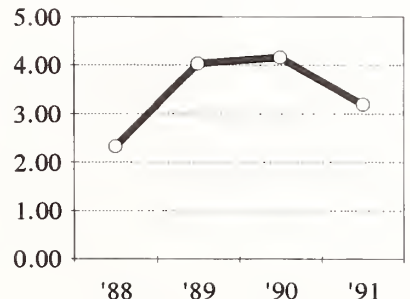
Operating Expense Per Vehicle Revenue Mile



Operating Expense Per Passenger Mile



Passenger Trips Per Vehicle Revenue Mile



Source: 1991 Section 15 Annual Report

Dallas Area Rapid Transit Authority (DART)

601 Pacific Avenue
Dallas, TX 75202
(214)658-6254

Chief Executive Officer: Jack W. Evans,
Executive Director

Section 15 ID Number: 6056

Purchased Transportation Providers: Dallas-DART Contract Services- ATE Management and Service Company, Inc. (6057)

General Information (System Wide)

Urbanized Area (UZA) Statistics - 1990 Census

Dallas--Fort Worth, TX

Square Miles	1,443
Population	3,198,259
Population Ranking Out of 405 UZA's	8

Service Area Statistics

Square Miles	695
Population	1,708,617

Service Consumption

Annual Passenger Miles	285,893,550
Annual Unlinked Trips	57,875,992
Average Weekday Unlinked Trips	206,075
Average Saturday Unlinked Trips	69,412
Average Sunday Unlinked Trips	27,020

Service Supplied

Annual Vehicle Revenue Miles	31,513,738
Annual Vehicle Revenue Hours	2,083,084
Total Fleet	1,246
Vehicles Operated in Maximum Service	1,001
Base Period Requirement	261

Vehicles Operated in Maximum Service

	Directly Operated	Purchased Transportation
Motor Bus	535	212
Demand Response	0	254

Financial Information (System Wide)

Sources of Operating Funds

Passenger Fares	\$25,061,170
Local Assistance	189,585,218
State Assistance	0
Federal Assistance	0
Other Revenues	28,196,908
Total Operating Funds	(1991) \$242,843,296
	(1990) \$252,231,718
	(1989) \$237,631,107

Summary of Operating Expenses

Salaries/Wages/Benefits	\$72,901,648
Materials & Supplies	13,892,992
Purchased Transportation	35,045,636 *
Other Expenses	10,826,772
Total Operating Expenses	(1991) \$132,667,048
	(1990) \$121,535,535
	(1989) \$116,179,464

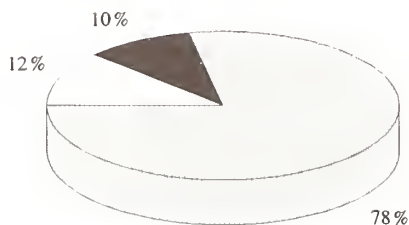
Sources of Capital Funds Expended

Local Assistance	\$10,037,390
State Assistance	0
Federal Assistance	35,562,675
Total Capital Funds Expended	(1991) \$45,600,065
	(1990) \$15,899,948
	(1989) \$9,220,606

Uses of Capital Funds

Bus	\$45,600,065
Existing Fixed Guideway Segments	0
New Fixed Guideway Segments	0
Total Uses of Capital Funds	(1991) \$45,600,065

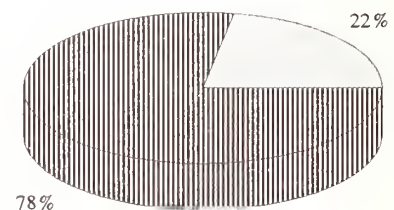
Sources of Operating Funds



Legend



Sources of Capital Funds Expended



Dallas Area Rapid Transit Authority (DART)

Characteristics

	Motor Bus	Demand Response
Operating Expense	\$121,919,182	\$10,747,866
Annual Passenger Miles	275,971,341	9,922,209
Annual Vehicle Revenue Miles	25,336,358	6,177,380
Annual Unlinked Trips	56,954,615	921,377
Average Weekday Unlinked Trips	202,954	3,121
Annual Vehicle Revenue Hours	1,694,294	388,790
Fixed Guideway Directional Route Miles	9.6	0.0
Total Fleet	926	320
Average Fleet Age in Years	6.8	0.5
Vehicles Operated in Maximum Service	747	254
Peak to Base Ratio	2.9	2.5
Spare Ratio	24%	26%

Performance Measures

Service Efficiency

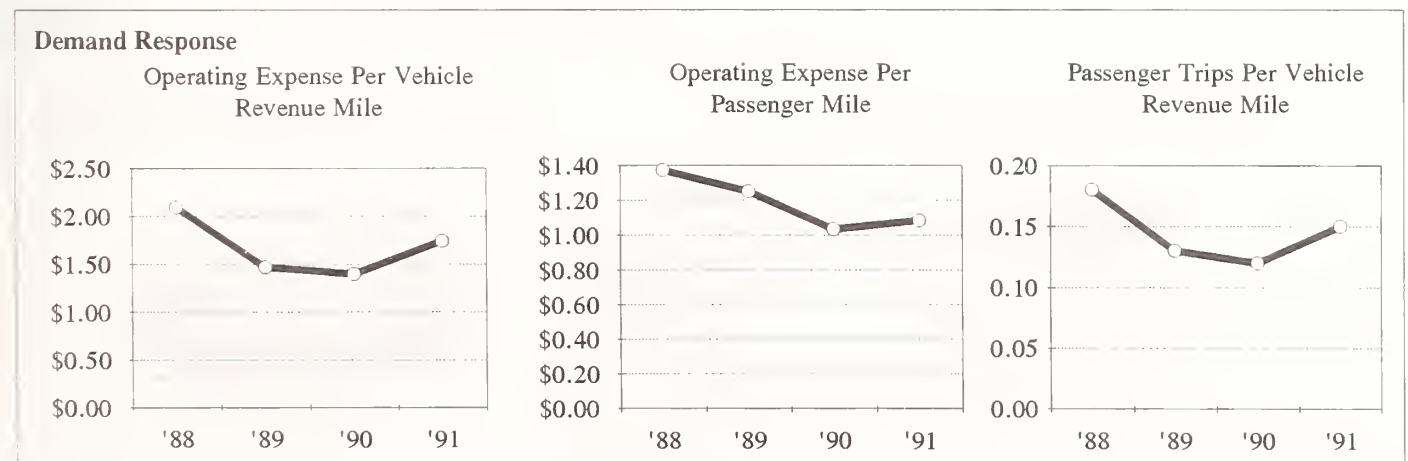
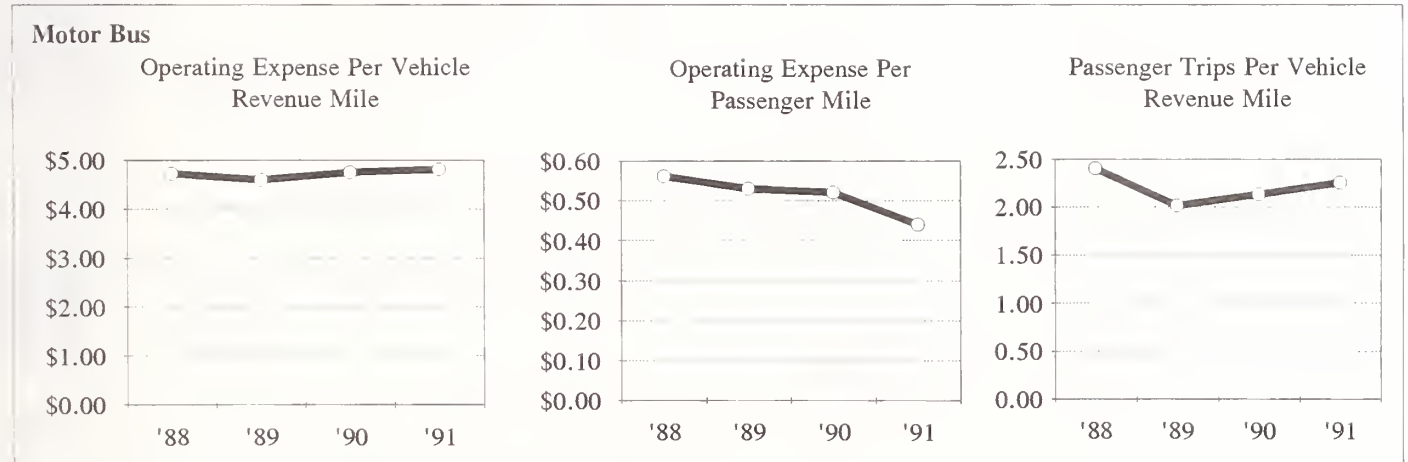
Operating Expense/Vehicle Revenue Mile	\$4.81	\$1.74
Operating Expense/Vehicle Revenue Hour	\$71.96	\$27.64

Cost Effectiveness

Operating Expense/Passenger Mile	\$0.44	\$1.08
Operating Expense/Unlinked Passenger Trip	\$2.14	\$11.67

Service Effectiveness

Unlinked Passenger Trips/Vehicle Revenue Mile	2.25	0.15
Unlinked Passenger Trips/Vehicle Revenue Hour	33.62	2.37



Source: 1991 Section 15 Annual Report

Denver-Regional Transportation District (RTD)

1600 Blake Street
Denver, CO 80202
(303)299-6832

Chief Executive Officer: Peter M. Cipolla,
General Manager

Section 15 ID Number: 8006

General Information (System Wide)

Urbanized Area (UZA) Statistics - 1990 Census Denver, CO

Square Miles	459
Population	1,517,977
Population Ranking Out of 405 UZA's	22

Service Area Statistics

Square Miles	2,304
Population	1,789,672

Service Consumption

Annual Passenger Miles	231,430,892
Annual Unlinked Trips	56,805,771
Average Weekday Unlinked Trips	191,083
Average Saturday Unlinked Trips	94,374
Average Sunday Unlinked Trips	52,709

Service Supplied

Annual Vehicle Revenue Miles	24,795,762
Annual Vehicle Revenue Hours	1,633,490
Total Fleet	785
Vehicles Operated in Maximum Service	672
Base Period Requirement	351

Vehicles Operated in Maximum Service

	Directly Operated	Purchased Transportation
Motor Bus	508	123
Demand Response	17	24

Financial Information (System Wide)

Sources of Operating Funds

Passenger Fares	\$22,635,761
Local Assistance	75,407,700
State Assistance	0
Federal Assistance	6,775,189
Other Revenues	16,209,084
Total Operating Funds	(1991) \$121,027,734
	(1990) \$145,176,509
	(1989) \$132,416,077

Summary of Operating Expenses

Salaries/Wages/Benefits	\$68,143,446
Materials & Supplies	13,649,522
Purchased Transportation	14,896,473
Other Expenses	12,218,288
Total Operating Expenses	(1991) \$108,907,729
	(1990) \$111,703,964
	(1989) \$102,335,671

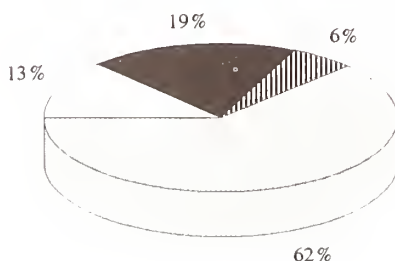
Sources of Capital Funds Expended

Local Assistance	\$25,656,606
State Assistance	0
Federal Assistance	25,396,762
Total Capital Funds Expended	(1991) \$51,053,368
	(1990) \$27,529,438
	(1989) \$25,673,037

Uses of Capital Funds

Bus	\$13,873,686
Existing Fixed Guideway Segments	449,181
New Fixed Guideway Segments	36,730,501
Total Uses of Capital Funds	(1991) \$51,053,368

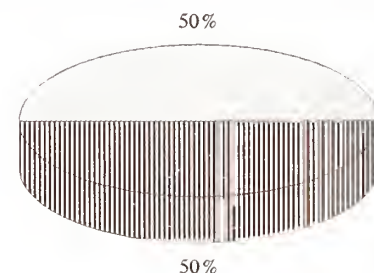
Sources of Operating Funds



Legend

Fares	
Federal	
State	
Local	
Other	

Sources of Capital Funds Expended



Denver-Regional Transportation District (RTD)

Characteristics

	Motor Bus	Demand Response
Operating Expense	\$107,183,476	\$1,724,253
Annual Passenger Miles	229,851,931	1,578,961
Annual Vehicle Revenue Miles	24,214,137	581,625
Annual Unlinked Trips	56,587,316	218,455
Average Weekday Unlinked Trips	190,353	730
Annual Vehicle Revenue Hours	1,583,320	50,170
Fixed Guideway Directional Route Miles	12.9	0.0
Total Fleet	735	50
Average Fleet Age in Years	6.8	3.4
Vehicles Operated in Maximum Service	631	41
Peak to Base Ratio	1.9	N/A
Spare Ratio	16%	22%

Performance Measures

Service Efficiency

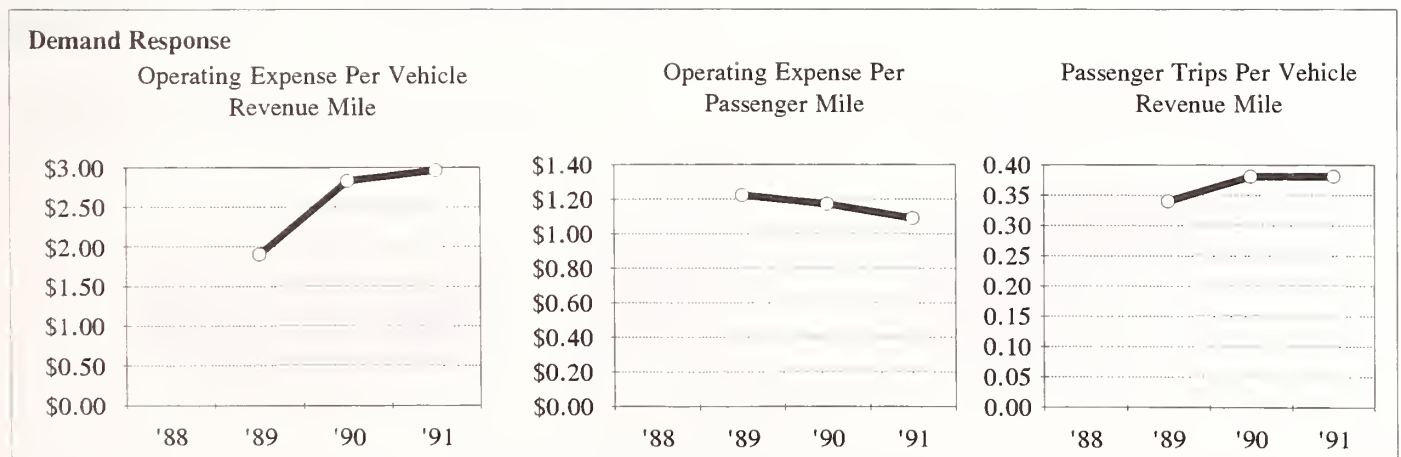
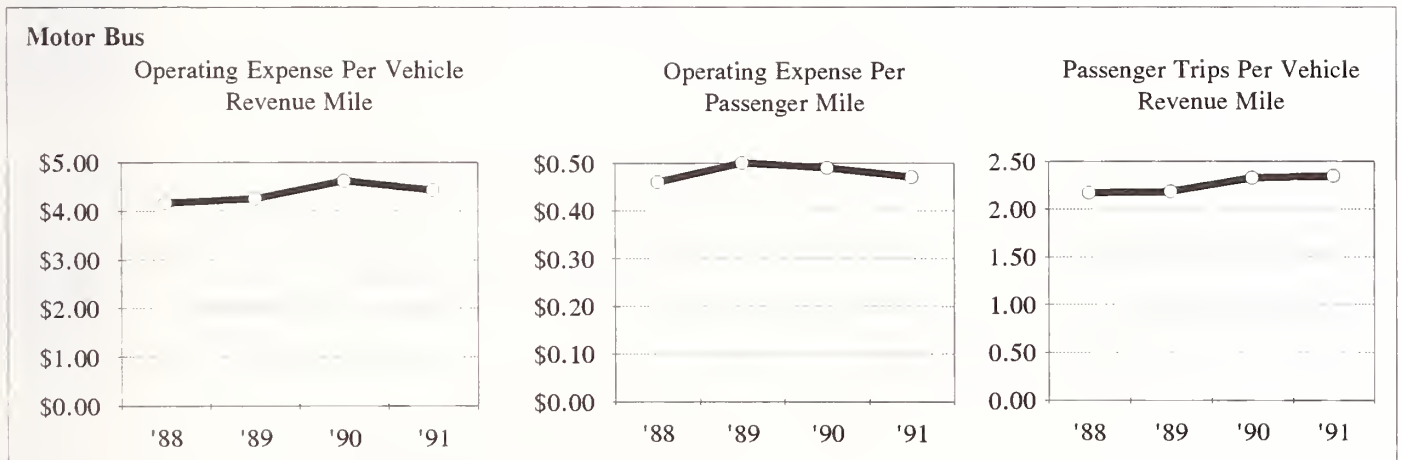
Operating Expense/Vehicle Revenue Mile	\$4.43	\$2.96
Operating Expense/Vehicle Revenue Hour	\$67.70	\$34.37

Cost Effectiveness

Operating Expense/Passenger Mile	\$0.47	\$1.09
Operating Expense/Unlinked Passenger Trip	\$1.89	\$7.89

Service Effectiveness

Unlinked Passenger Trips/Vehicle Revenue Mile	2.34	0.38
Unlinked Passenger Trips/Vehicle Revenue Hour	35.74	4.35



Source: 1991 Section 15 Annual Report

City of Detroit Department of Transportation (D-DOT)

1301 East Warren
 Detroit, MI 48207
 (313)833-7365

Chief Executive Officer: Christopher Walton,
 Acting Director

Section 15 ID Number: 5119

General Information (System Wide)

Urbanized Area (UZA) Statistics - 1990 Census Detroit, MI

Square Miles	1,120
Population	3,697,529
Population Ranking Out of 405 UZA's	5

Service Area Statistics

Square Miles	361
Population	2,035,540

Service Consumption

Annual Passenger Miles	314,550,662
Annual Unlinked Trips	80,886,653
Average Weekday Unlinked Trips	271,655
Average Saturday Unlinked Trips	161,093
Average Sunday Unlinked Trips	55,824

Service Supplied

Annual Vehicle Revenue Miles	19,290,183
Annual Vehicle Revenue Hours	1,710,825
Total Fleet	552
Vehicles Operated in Maximum Service	477
Base Period Requirement	230

Vehicles Operated in Maximum Service

	Directly Operated	Purchased Transportation
Motor Bus	477	0

Financial Information (System Wide)

Sources of Operating Funds

Passenger Fares		\$32,205,164
Local Assistance		39,813,853
State Assistance		47,647,404
Federal Assistance		12,898,929
Other Revenues		581,718
Total Operating Funds	(1991)	\$133,147,068
	(1990)	\$131,129,273
	(1989)	\$128,793,779

Summary of Operating Expenses

Salaries/Wages/Benefits		\$94,721,368
Materials & Supplies		18,109,185
Purchased Transportation		0
Other Expenses		25,711,218
Total Operating Expenses	(1991)	\$138,541,771
	(1990)	\$135,062,525
	(1989)	\$132,258,398

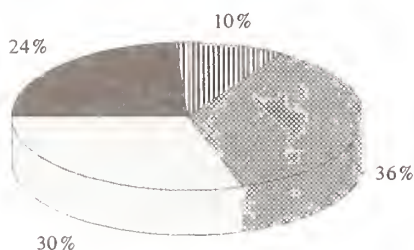
Sources of Capital Funds Expended

Local Assistance		\$1,136,981
State Assistance		174,715
Federal Assistance		698,860
Total Capital Funds Expended	(1991)	\$2,010,556
	(1990)	\$20,955,164
	(1989)	\$363,967

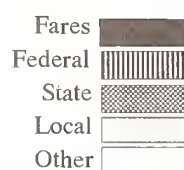
Uses of Capital Funds

Bus		\$2,010,556
Existing Fixed Guideway Segments		0
New Fixed Guideway Segments		0
Total Uses of Capital Funds	(1991)	\$2,010,556

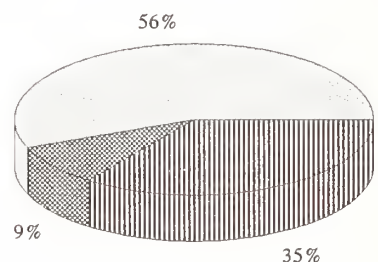
Sources of Operating Funds



Legend



Sources of Capital Funds Expended



City of Detroit Department of Transportation (D-DOT)

Characteristics

	Motor Bus
Operating Expense	\$138,541,771
Annual Passenger Miles	314,550,662
Annual Vehicle Revenue Miles	19,290,183
Annual Unlinked Trips	80,886,653
Average Weekday Unlinked Trips	271,655
Annual Vehicle Revenue Hours	1,710,825
Fixed Guideway Directional Route Miles	0.0
Total Fleet	552
Average Fleet Age in Years	9.8
Vehicles Operated in Maximum Service	477
Peak to Base Ratio	2.1
Spare Ratio	16%

Performance Measures

Service Efficiency

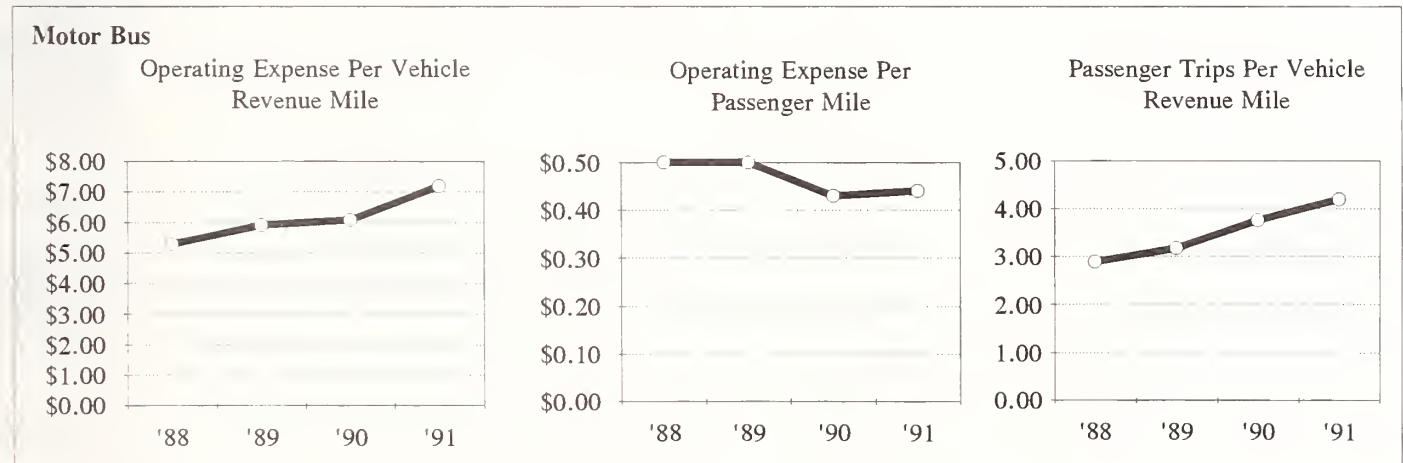
Operating Expense/Vehicle Revenue Mile	\$7.18
Operating Expense/Vehicle Revenue Hour	\$80.98

Cost Effectiveness

Operating Expense/Passenger Mile	\$0.44
Operating Expense/Unlinked Passenger Trip	\$1.71

Service Effectiveness

Unlinked Passenger Trips/Vehicle Revenue Mile	4.19
Unlinked Passenger Trips/Vehicle Revenue Hour	47.28



Houston-Metropolitan Transit Authority of Harris County (Metro)

1201 Louisiana
Houston, TX 77208-1429
(713)739-6925

Chief Executive Officer: Robert G. MacLennan,
General Manager

Section 15 ID Number: 6008

General Information (System Wide)

Urbanized Area (UZA) Statistics - 1990 Census

Houston, TX	
Square Miles	1,178
Population	2,901,851
Population Ranking Out of 405 UZA's	9

Service Area Statistics

Square Miles	1,278
Population	2,403,000

Service Consumption

Annual Passenger Miles	461,391,705
Annual Unlinked Trips	85,315,804
Average Weekday Unlinked Trips	297,463
Average Saturday Unlinked Trips	139,049
Average Sunday Unlinked Trips	64,649

Service Supplied

Annual Vehicle Revenue Miles	37,427,021
Annual Vehicle Revenue Hours	2,595,038
Total Fleet	1,663
Vehicles Operated in Maximum Service	1,041
Base Period Requirement	483

Vehicles Operated in Maximum Service

	Directly Operated	Purchased Transportation
Motor Bus	795	116
Demand Response	0	130

Financial Information (System Wide)

Sources of Operating Funds

Passenger Fares	\$41,501,415
Local Assistance	214,709,175
State Assistance	0
Federal Assistance	59,624
Other Revenues	57,309,683
Total Operating Funds	(1991) \$313,579,897
	(1990) \$298,825,694

Summary of Operating Expenses

Salaries/Wages/Benefits	\$122,176,451
Materials & Supplies	20,654,908
Purchased Transportation	12,755,199
Other Expenses	-1,156,650
Total Operating Expenses	(1991) \$154,429,908
	(1990) \$142,571,162
	(1989) \$135,429,934

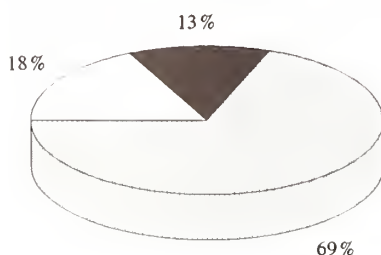
Sources of Capital Funds Expended

Local Assistance	\$9,799,047
State Assistance	0
Federal Assistance	29,291,940
Total Capital Funds Expended	(1991) \$39,090,987
	(1990) \$48,014,093
	(1989) \$33,518,970

Uses of Capital Funds

Bus	\$23,132,899
Existing Fixed Guideway Segments	0
New Fixed Guideway Segments	15,958,088
Total Uses of Capital Funds	(1991) \$39,090,987

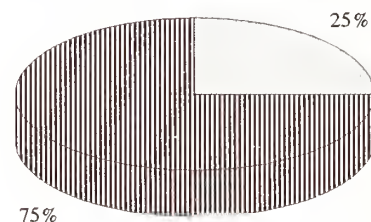
Sources of Operating Funds



Legend

Fares	
Federal	
State	
Local	
Other	

Sources of Capital Funds Expended



Houston-Metropolitan Transit Authority of Harris County (Metro)

Characteristics

	Motor Bus	Demand Response
Operating Expense	\$147,775,462	\$6,654,446
Annual Passenger Miles	456,711,299	4,680,406
Annual Vehicle Revenue Miles	33,289,751	4,137,270
Annual Unlinked Trips	84,810,967	504,837
Average Weekday Unlinked Trips	295,574	1,889
Annual Vehicle Revenue Hours	2,369,718	225,320
Fixed Guideway Directional Route Miles	97.0	0.0
Total Fleet	1,079	584
Average Fleet Age in Years	5.7	0.1
Vehicles Operated in Maximum Service	911	130
Peak to Base Ratio	2.4	N/A
Spare Ratio	18%	349%

Performance Measures

Service Efficiency

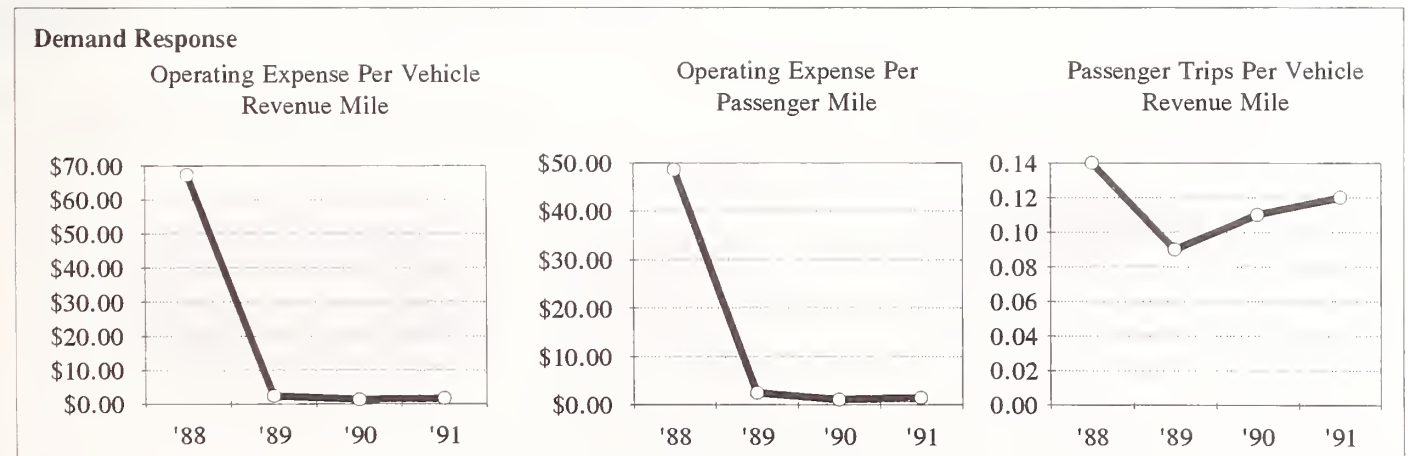
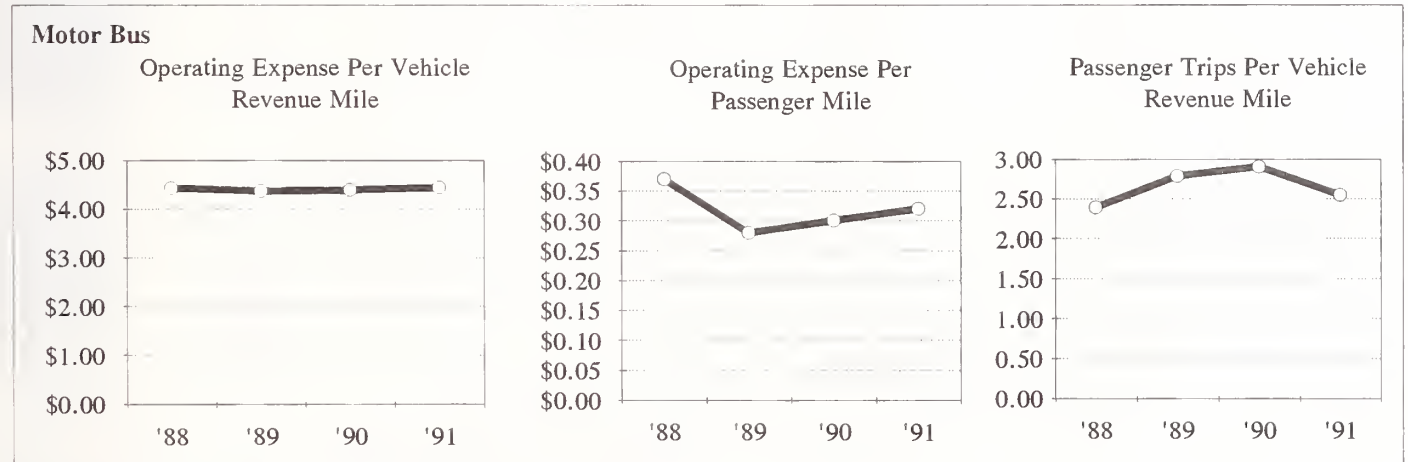
Operating Expense/Vehicle Revenue Mile	\$4.44	\$1.61
Operating Expense/Vehicle Revenue Hour	\$62.36	\$29.53

Cost Effectiveness

Operating Expense/Passenger Mile	\$0.32	\$1.42
Operating Expense/Unlinked Passenger Trip	\$1.74	\$13.18

Service Effectiveness

Unlinked Passenger Trips/Vehicle Revenue Mile	2.55	0.12
Unlinked Passenger Trips/Vehicle Revenue Hour	35.79	2.24



Source: 1991 Section 15 Annual Report

Orange County Transportation Authority (OCTA)

11222 Acacia Parkway
Garden Grove, CA 92642
(714)638-9000

Chief Executive Officer: Stan Oftelie,
Chief Executive Officer

Section 15 ID Number: 9036

General Information (System Wide)

Urbanized Area (UZA) Statistics - 1990 Census

Los Angeles, CA	
Square Miles	1,966
Population	11,402,946
Population Ranking Out of 405 UZA's	2

Service Area Statistics

Square Miles	797
Population	2,453,277

Service Consumption

Annual Passenger Miles	216,951,093
Annual Unlinked Trips	46,092,827
Average Weekday Unlinked Trips	151,878
Average Saturday Unlinked Trips	94,460
Average Sunday Unlinked Trips	44,135

Service Supplied

Annual Vehicle Revenue Miles	18,930,071
Annual Vehicle Revenue Hours	1,477,672
Total Fleet	641
Vehicles Operated in Maximum Service	560
Base Period Requirement	391

Vehicles Operated in Maximum Service

	Directly Operated	Purchased Transportation
Motor Bus	380	45
Demand Response	0	123
Vanpool	12	0

Financial Information (System Wide)

Sources of Operating Funds

Passenger Fares	\$25,609,206
Local Assistance	57,882,908
State Assistance	11,606,000
Federal Assistance	10,337,734
Other Revenues	12,001,856
Total Operating Funds	(1991) \$117,437,704
	(1990) \$112,568,107
	(1989) \$102,439,243

Summary of Operating Expenses

Salaries/Wages/Benefits	\$67,881,169
Materials & Supplies	11,775,660
Purchased Transportation	8,856,542
Other Expenses	10,104,192
Total Operating Expenses	(1991) \$98,617,563
	(1990) \$91,929,116
	(1989) \$82,988,229

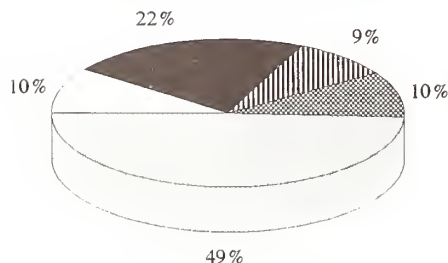
Sources of Capital Funds Expended

Local Assistance	\$185,807
State Assistance	9,018,980
Federal Assistance	8,913,863
Total Capital Funds Expended	(1991) \$18,118,650
	(1990) \$19,564,549
	(1989) \$7,181,986

Uses of Capital Funds

Bus	\$18,118,650
Existing Fixed Guideway Segments	0
New Fixed Guideway Segments	0
Total Uses of Capital Funds	(1991) \$18,118,650

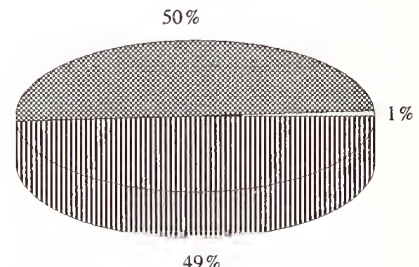
Sources of Operating Funds



Legend

Fares	
Federal	
State	
Local	
Other	

Sources of Capital Funds Expended



Orange County Transportation Authority (OCTA)

Characteristics

	Motor Bus	Demand Response	Vanpool
Operating Expense	\$92,441,016	\$6,067,953	\$108,594
Annual Passenger Miles	211,260,054	5,147,879	543,160
Annual Vehicle Revenue Miles	16,569,639	2,265,485	94,947
Annual Unlinked Trips	44,748,802	1,316,593	27,432
Average Weekday Unlinked Trips	146,739	5,031	108
Annual Vehicle Revenue Hours	1,287,385	187,371	2,916
Fixed Guideway Directional Route Miles	0.0	0.0	0.0
Total Fleet	501	127	13
Average Fleet Age in Years	7.0	2.6	1.6
Vehicles Operated in Maximum Service	425	123	12
Peak to Base Ratio	1.5	1.1	N/A
Spare Ratio	18%	3%	8%

Performance Measures

Service Efficiency

Operating Expense/Vehicle Revenue Mile	\$5.58	\$2.68	\$1.14
Operating Expense/Vehicle Revenue Hour	\$71.81	\$32.38	\$37.24

Cost Effectiveness

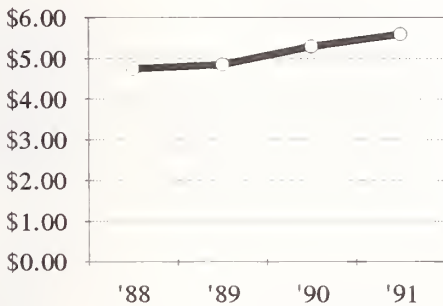
Operating Expense/Passenger Mile	\$0.44	\$1.18	\$0.20
Operating Expense/Unlinked Passenger Trip	\$2.07	\$4.61	\$3.96

Service Effectiveness

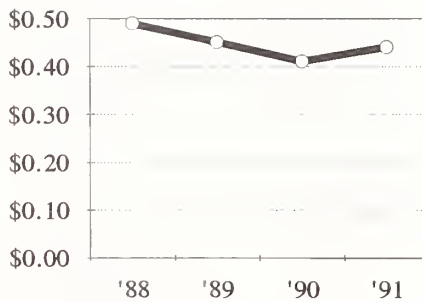
Unlinked Passenger Trips/Vehicle Revenue Mile	2.70	0.58	0.29
Unlinked Passenger Trips/Vehicle Revenue Hour	34.76	7.03	9.41

Motor Bus

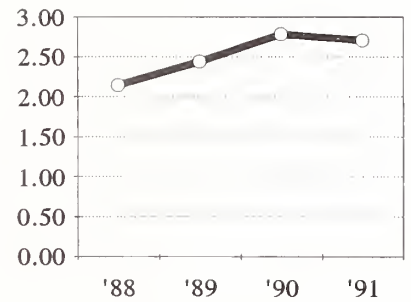
Operating Expense Per Vehicle Revenue Mile



Operating Expense Per Passenger Mile

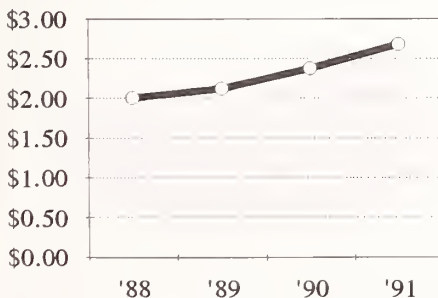


Passenger Trips Per Vehicle Revenue Mile

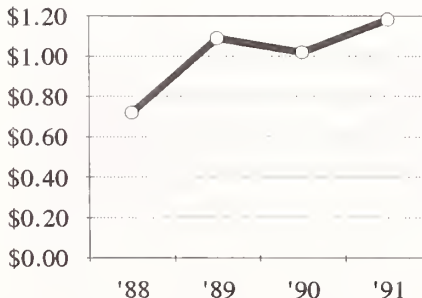


Demand Response

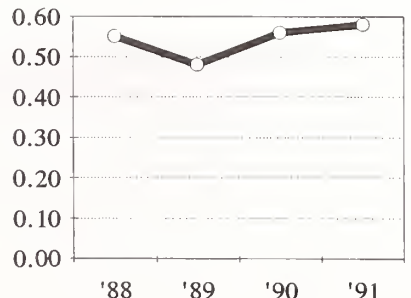
Operating Expense Per Vehicle Revenue Mile



Operating Expense Per Passenger Mile



Passenger Trips Per Vehicle Revenue Mile



Source: 1991 Section 15 Annual Report

Southern California Rapid Transit District (SCRTD)

425 South Main Street
Los Angeles, CA 90013
(213)972-6830

Chief Executive Officer: Alan F. Pegg,
General Manager

Section 15 ID Number: 9021

General Information (System Wide)

Urbanized Area (UZA) Statistics - 1990 Census

Los Angeles, CA	
Square Miles	1,966
Population	11,402,946
Population Ranking Out of 405 UZA's	2
Other UZA's Served:	30, 63

Service Area Statistics

Square Miles	1,433
Population	7,154,679

Service Consumption

Annual Passenger Miles	1,724,921,887
Annual Unlinked Trips	423,656,739
Average Weekday Unlinked Trips	1,340,266
Average Saturday Unlinked Trips	853,778
Average Sunday Unlinked Trips	662,934

Service Supplied

Annual Vehicle Revenue Miles	90,454,419
Annual Vehicle Revenue Hours	7,305,421
Total Fleet	2,559
Vehicles Operated in Maximum Service	1,998
Base Period Requirement	1,311

Vehicles Operated in Maximum Service

	Directly Operated	Purchased Transportation
Motor Bus	1,968	0
Light Rail	30	0

Financial Information (System Wide)

Sources of Operating Funds

Passenger Fares	\$236,221,357
Local Assistance	330,749,318
State Assistance	0
Federal Assistance	47,904,871
Other Revenues	8,249,383
Total Operating Funds	(1991) \$623,124,929
	(1990) \$565,137,317
	(1989) \$533,116,710

Summary of Operating Expenses

Salaries/Wages/Benefits	\$471,076,326
Materials & Supplies	77,724,009
Purchased Transportation	0
Other Expenses	61,744,014
Total Operating Expenses	(1991) \$610,544,349
	(1990) \$553,202,837
	(1989) \$520,888,954

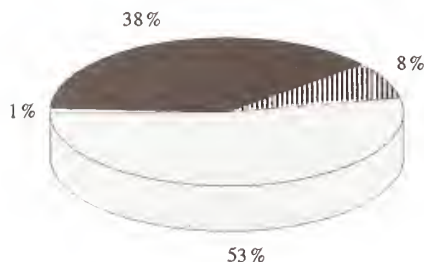
Sources of Capital Funds Expended

Local Assistance	\$62,472,278
State Assistance	16,711,610
Federal Assistance	113,132,232
Total Capital Funds Expended	(1991) \$192,316,120
	(1990) \$350,726,812
	(1989) \$321,037,436

Uses of Capital Funds

Bus	\$38,840,707
Existing Fixed Guideway Segments	14,631,193
New Fixed Guideway Segments	138,844,220
Total Uses of Capital Funds	(1991) \$192,316,120

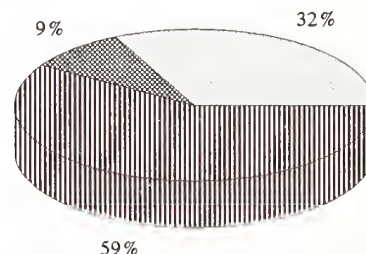
Sources of Operating Funds



Legend

Fares	
Federal	
State	
Local	
Other	

Sources of Capital Funds Expended



Southern California Rapid Transit District (SCRTD)

Characteristics

	Motor Bus	Light Rail
Operating Expense	\$572,685,427	\$37,858,922
Annual Passenger Miles	1,660,123,813	64,798,074
Annual Vehicle Revenue Miles	88,059,243	2,395,176
Annual Unlinked Trips	416,169,554	7,487,185
Average Weekday Unlinked Trips	1,319,234	21,032
Annual Vehicle Revenue Hours	7,162,709	142,712
Fixed Guideway Directional Route Miles	24.5	43.2
Total Fleet	2,519	40
Average Fleet Age in Years	7.6	2.0
Vehicles Operated in Maximum Service	1,968	30
Peak to Base Ratio	1.5	1.5
Spare Ratio	28%	33%

Performance Measures

Service Efficiency

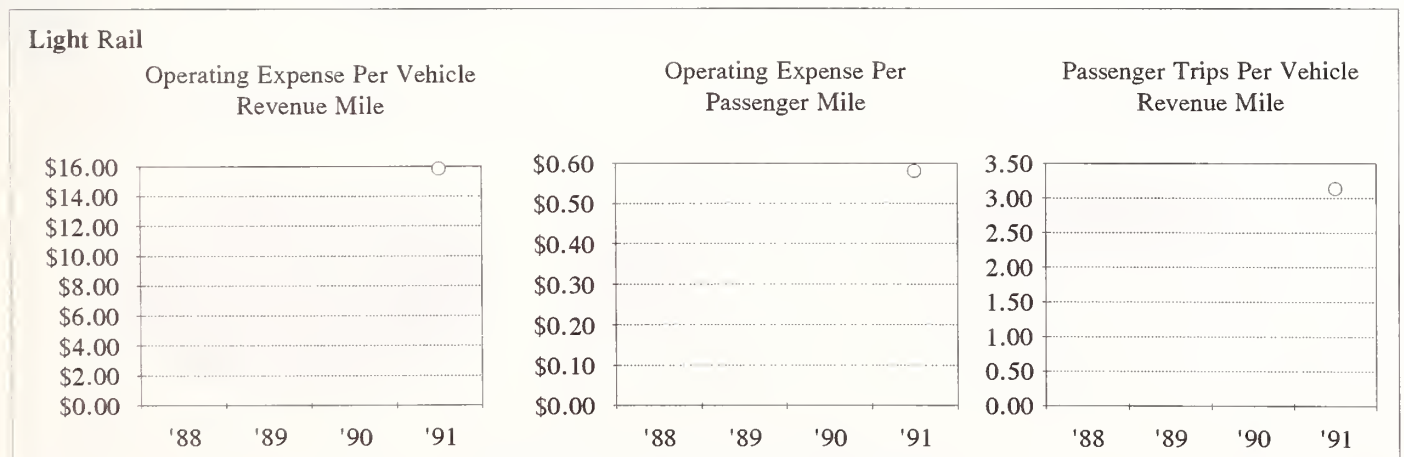
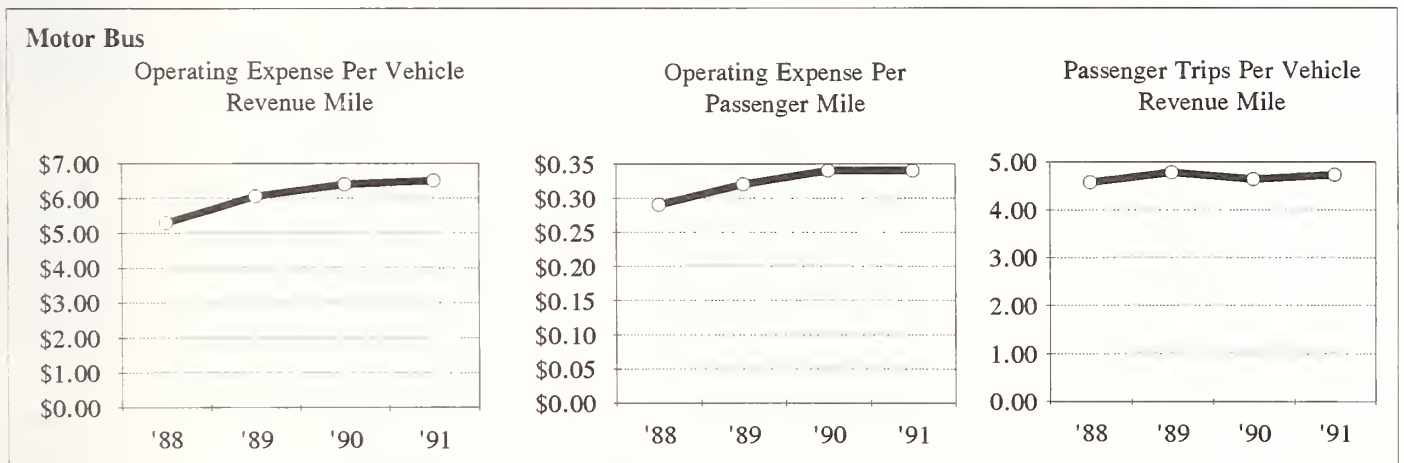
Operating Expense/Vehicle Revenue Mile	\$6.50	\$15.81
Operating Expense/Vehicle Revenue Hour	\$79.95	\$265.28

Cost Effectiveness

Operating Expense/Passenger Mile	\$0.34	\$0.58
Operating Expense/Unlinked Passenger Trip	\$1.38	\$5.06

Service Effectiveness

Unlinked Passenger Trips/Vehicle Revenue Mile	4.73	3.13
Unlinked Passenger Trips/Vehicle Revenue Hour	58.10	52.46



Source: 1991 Section 15 Annual Report

Miami-Metro-Dade Transit Agency (MDTA)

111 N.W. First Street, Suite 910
Miami, FL 33128
(305)375-3244

Chief Executive Officer: Ed Colby,
Director

Section 15 ID Number: 4034

Purchased Transportation Providers: Miami-MDTA Contract Services- Comprehensive Paratransit Services (4075)

General Information (System Wide)

Urbanized Area (UZA) Statistics - 1990 Census

Miami--Hialeah, FL	
Square Miles	353
Population	1,914,660
Population Ranking Out of 405 UZA's	16
Other UZA's Served:	26

Service Area Statistics

Square Miles	285
Population	1,735,000

Service Consumption

Annual Passenger Miles	352,119,135
Annual Unlinked Trips	74,273,862
Average Weekday Unlinked Trips	243,121
Average Saturday Unlinked Trips	138,881
Average Sunday Unlinked Trips	86,242

Service Supplied

Annual Vehicle Revenue Miles	33,111,559
Annual Vehicle Revenue Hours	2,323,071
Total Fleet	969
Vehicles Operated in Maximum Service	822
Base Period Requirement	550

Vehicles Operated in Maximum Service

	Directly Operated	Purchased Transportation
Motor Bus	458	21
Heavy Rail	86	0
Demand Response	0	248
Automated Guideway	9	0

Financial Information (System Wide)

Sources of Operating Funds

Passenger Fares	\$65,923,566
Local Assistance	93,165,706
State Assistance	5,272,652
Federal Assistance	13,424,012
Other Revenues	2,454,203
Total Operating Funds	(1991) \$180,240,139
	(1990) \$167,703,283
	(1989) \$155,924,331

Summary of Operating Expenses

Salaries/Wages/Benefits	\$112,257,233
Materials & Supplies	14,929,425
Purchased Transportation	17,132,118 *
Other Expenses	25,955,086
Total Operating Expenses	(1991) \$170,273,862
	(1990) \$162,648,054
	(1989) \$151,302,913

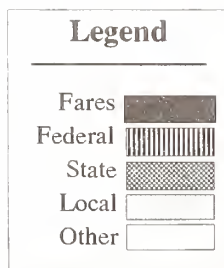
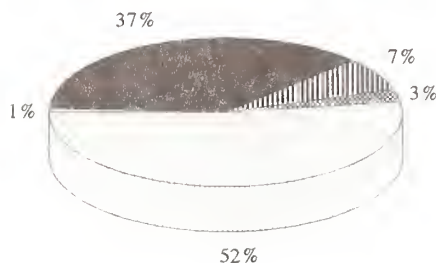
Sources of Capital Funds Expended

Local Assistance	\$5,186,776
State Assistance	5,864,755
Federal Assistance	37,225,680
Total Capital Funds Expended	(1991) \$48,277,211
	(1990) \$49,124,301
	(1989) \$21,998,751

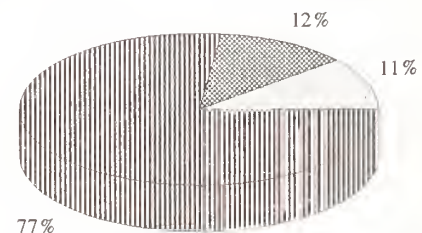
Uses of Capital Funds

Bus	\$1,085,233
Existing Fixed Guideway Segments	5,836,652
New Fixed Guideway Segments	41,355,330
Total Uses of Capital Funds	(1991) \$48,277,215

Sources of Operating Funds



Sources of Capital Funds Expended



Miami-Metro-Dade Transit Agency (MDTA)

Characteristics

	Motor Bus	Heavy Rail	Demand Response	Automated Guideway
Operating Expense	\$104,008,803	\$44,152,680	\$14,977,698	\$7,134,682
Annual Passenger Miles	228,189,755	114,331,310	6,826,716	2,771,354
Annual Vehicle Revenue Miles	21,238,293	5,452,225	6,021,384	399,657
Annual Unlinked Trips	56,279,726	13,906,539	858,565	3,229,032
Average Weekday Unlinked Trips	183,080	46,460	2,893	10,688
Annual Vehicle Revenue Hours	1,625,833	178,849	481,711	36,678
Fixed Guideway Directional Route Miles	15.2	42.2	0.0	3.9
Total Fleet	573	136	248	12
Average Fleet Age in Years	6.2	9.0	0.0	6.0
Vehicles Operated in Maximum Service	479	86	248	9
Peak to Base Ratio	1.4	3.2	N/A	1.1
Spare Ratio	20%	58%	0%	33%

Performance Measures

Service Efficiency

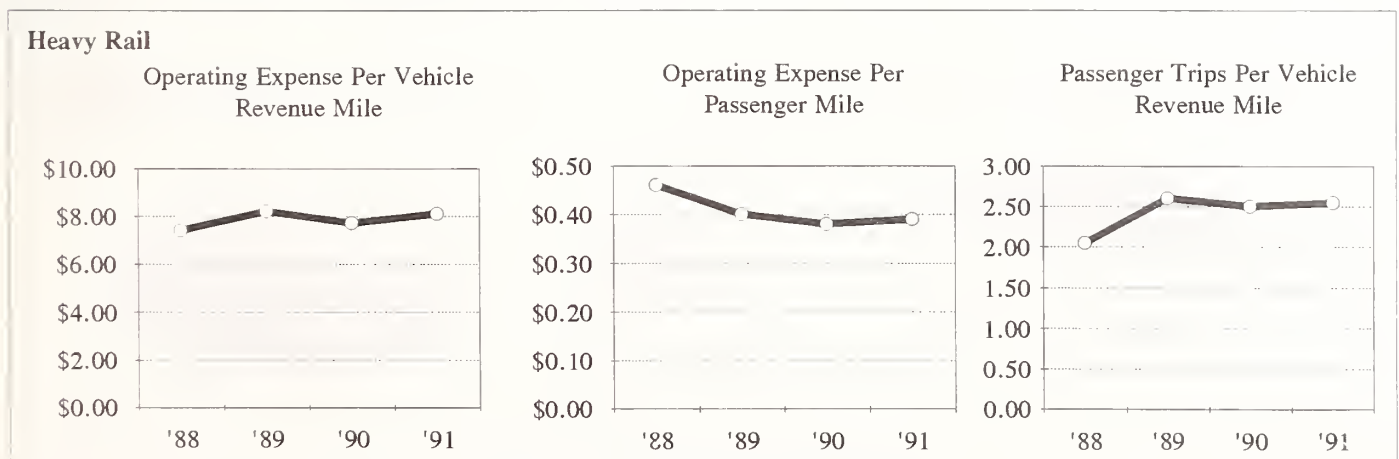
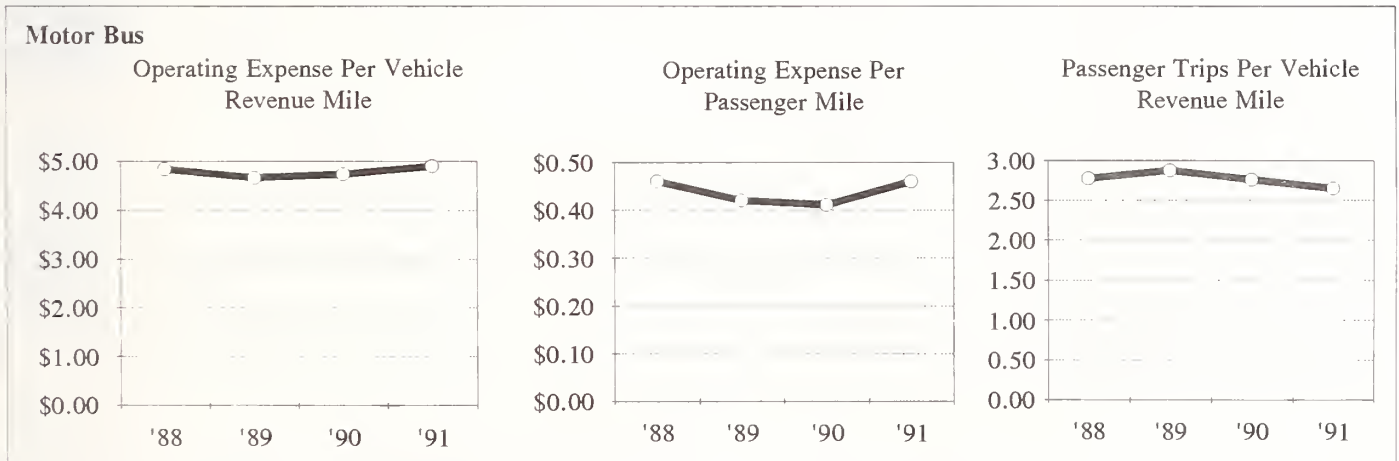
Operating Expense/Vehicle Revenue Mile	\$4.90	\$8.10	\$2.49	\$17.85
Operating Expense/Vehicle Revenue Hour	\$63.97	\$246.87	\$31.09	\$194.52

Cost Effectiveness

Operating Expense/Passenger Mile	\$0.46	\$0.39	\$2.19	\$2.57
Operating Expense/Unlinked Passenger Trip	\$1.85	\$3.17	\$17.45	\$2.21

Service Effectiveness

Unlinked Passenger Trips/Vehicle Revenue Mile	2.65	2.55	0.14	8.08
Unlinked Passenger Trips/Vehicle Revenue Hour	34.62	77.76	1.78	88.04



Source: 1991 Section 15 Annual Report

Minneapolis-St. Paul-Metropolitan Transit Commission (MTC)

560 6th Avenue, North
Minneapolis, MN 55411
(612)349-7701

Chief Executive Officer: Michael D. Christenson,
Chief Administrator

Section 15 ID Number: 5027

General Information (System Wide)

Urbanized Area (UZA) Statistics - 1990 Census Minneapolis--St. Paul, MN

Square Miles	1,063
Population	2,079,676
Population Ranking Out of 405 UZA's	13

Service Area Statistics

Square Miles	1,060
Population	2,050,278

Service Consumption

Annual Passenger Miles	253,507,486
Annual Unlinked Trips	65,376,748
Average Weekday Unlinked Trips	222,580
Average Saturday Unlinked Trips	104,218
Average Sunday Unlinked Trips	55,162

Service Supplied

Annual Vehicle Revenue Miles	21,515,006
Annual Vehicle Revenue Hours	1,533,601
Total Fleet	955
Vehicles Operated in Maximum Service	843
Base Period Requirement	279

Vehicles Operated in Maximum Service

	Directly Operated	Purchased Transportation
Motor Bus	836	7

Financial Information (System Wide)

Sources of Operating Funds

Passenger Fares		\$39,815,643
Local Assistance		63,880,732
State Assistance		0
Federal Assistance		7,300,495
Other Revenues		4,357,022
Total Operating Funds	(1991)	\$115,353,892
	(1990)	\$116,228,110
	(1989)	\$110,288,480

Summary of Operating Expenses

Salaries/Wages/Benefits		\$90,061,378
Materials & Supplies		11,633,028
Purchased Transportation		439,126
Other Expenses		7,028,248
Total Operating Expenses	(1991)	\$109,161,780
	(1990)	\$109,250,339
	(1989)	\$103,362,677

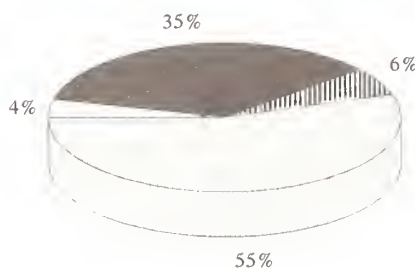
Sources of Capital Funds Expended

Local Assistance		\$6,965,873
State Assistance		0
Federal Assistance		4,500,738
Total Capital Funds Expended	(1991)	\$11,466,611
	(1990)	\$27,783,026
	(1989)	\$25,010,688

Uses of Capital Funds

Bus		\$11,466,611
Existing Fixed Guideway Segments		0
New Fixed Guideway Segments		0
Total Uses of Capital Funds	(1991)	\$11,466,611

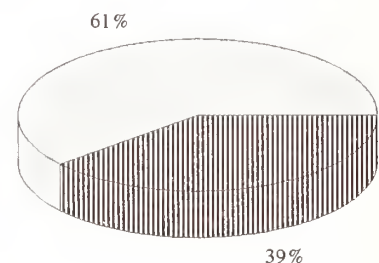
Sources of Operating Funds



Legend

Fares	
Federal	
State	
Local	
Other	

Sources of Capital Funds Expended



Minneapolis-St. Paul-Metropolitan Transit Commission (MTC)

Characteristics

	Motor Bus
Operating Expense	\$109,161,780
Annual Passenger Miles	253,507,486
Annual Vehicle Revenue Miles	21,515,006
Annual Unlinked Trips	65,376,748
Average Weekday Unlinked Trips	222,580
Annual Vehicle Revenue Hours	1,533,601
Fixed Guideway Directional Route Miles	27.2
Total Fleet	955
Average Fleet Age in Years	4.0
Vehicles Operated in Maximum Service	843
Peak to Base Ratio	3.0
Spare Ratio	13%

Performance Measures

Service Efficiency

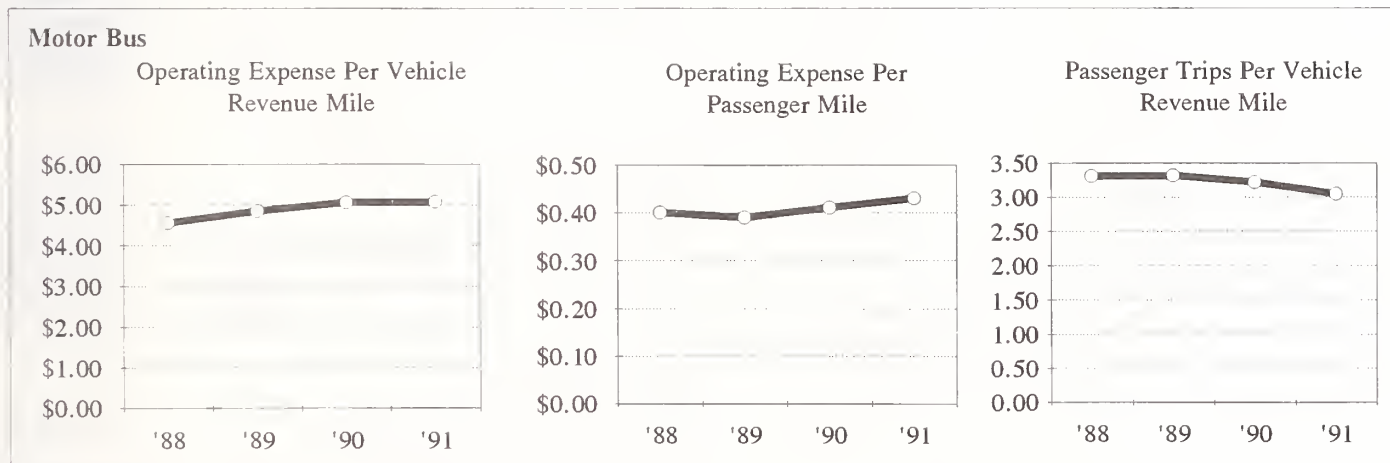
Operating Expense/Vehicle Revenue Mile	\$5.07
Operating Expense/Vehicle Revenue Hour	\$71.18

Cost Effectiveness

Operating Expense/Passenger Mile	\$0.43
Operating Expense/Unlinked Passenger Trip	\$1.67

Service Effectiveness

Unlinked Passenger Trips/Vehicle Revenue Mile	3.04
Unlinked Passenger Trips/Vehicle Revenue Hour	42.63



New York City Department of Transportation (NYCDOT)

Battery Maritime Building,
New York, NY 10004
(212)240-4094

Chief Executive Officer: Janet Lanphier,
Deputy Commissioner

Section 15 ID Number: 2082

Purchased Transportation Providers: New York City DOT (Individual Providers): Command Bus Company, Inc. (2073), Green Bus Lines, Inc. (2038), Jamaica Buses, Inc. (2039), Liberty Lines Express, Inc. (2117), New York Bus Tours, Inc. (2040), Queens Surface Corporation (2136), Triboro Coach Corporation (2046)

General Information (System Wide)

Urbanized Area (UZA) Statistics - 1990 Census

New York, NY--Northeastern NJ

Square Miles	2,967
Population	16,044,012
Population Ranking Out of 405 UZA'	1

Service Area Statistics

Square Miles	322
Population	7,071,639

Service Consumption

Annual Passenger Miles	451,084,502
Annual Unlinked Trips	101,513,696
Average Weekday Unlinked Trips	335,014
Average Saturday Unlinked Trips	183,935
Average Sunday Unlinked Trips	113,286

Service Supplied

Annual Vehicle Revenue Miles	26,907,765
Annual Vehicle Revenue Hours	2,620,790
Total Fleet	1,254
Vehicles Operated in Maximum Service	1,078
Base Period Requirement	578

Vehicles Operated in Maximum Service

	Directly Operated	Purchased Transportation
Motor Bus	0	983
Demand Response	0	91
Ferry Boat	4	0

Financial Information (System Wide)

Sources of Operating Funds

Passenger Fares	\$101,891,700
Local Assistance	137,669,639
State Assistance	97,218,384
Federal Assistance	12,333,148
Other Revenues	5,209,984
Total Operating Funds	(1991) \$354,322,855
	(1990) \$245,968,308
	(1989) \$235,651,973

Summary of Operating Expenses

Salaries/Wages/Benefits	\$26,123,179
Materials & Supplies	3,149,646
Purchased Transportation	218,457,787 *
Other Expenses	7,933,807
Total Operating Expenses	(1991) \$255,664,419
	(1990) \$36,229,338
	(1989) \$33,600,040

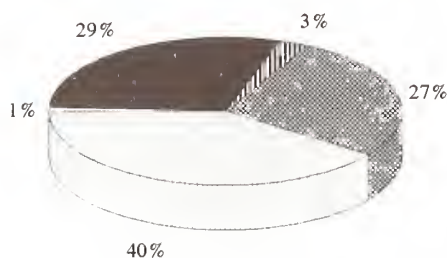
Sources of Capital Funds Expended

Local Assistance	\$16,472,029
State Assistance	4,307,632
Federal Assistance	865,392
Total Capital Funds Expended	(1991) \$21,645,053
	(1990) \$523,427
	(1989) \$2,261,168

Uses of Capital Funds

Bus	\$7,186,586
Existing Fixed Guideway Segments	14,458,467
New Fixed Guideway Segments	0
Total Uses of Capital Funds	(1991) \$21,645,053

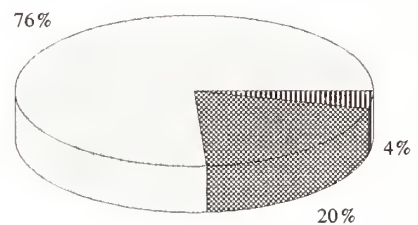
Sources of Operating Funds



Legend

Fares	
Federal	
State	
Local	
Other	

Sources of Capital Funds Expended



New York City Department of Transportation (NYCDOT)

Characteristics

	Motor Bus	Ferry Boat	Demand Response
Operating Expense	\$208,900,526	\$37,206,632	\$9,557,261
Annual Passenger Miles	339,349,051	110,250,572	1,484,879
Annual Vehicle Revenue Miles	24,761,104	170,110	1,976,551
Annual Unlinked Trips	80,009,690	21,202,033	301,973
Average Weekday Unlinked Trips	263,647	70,338	1,029
Annual Vehicle Revenue Hours	2,394,713	16,360	209,717
Fixed Guideway Directional Route Miles	0.0	10.4	0.0
Total Fleet	1,148	7	99
Average Fleet Age in Years	0.0	15.4	1.7
Vehicles Operated in Maximum Service	983	4	91
Peak to Base Ratio	1.9	1.3	N/A
Spare Ratio	17%	75%	9%

Performance Measures

Service Efficiency

Operating Expense/Vehicle Revenue Mile	\$8.44	\$218.72	\$4.84
Operating Expense/Vehicle Revenue Hour	\$87.23	\$2,274.24	\$45.57

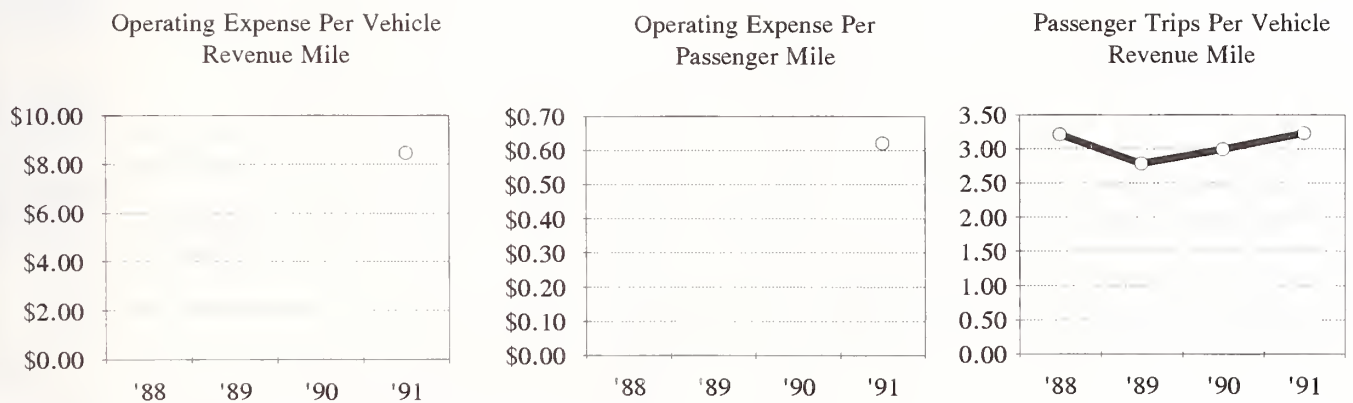
Cost Effectiveness

Operating Expense/Passenger Mile	\$0.62	\$0.34	\$6.44
Operating Expense/Unlinked Passenger Trip	\$2.61	\$1.75	\$31.65

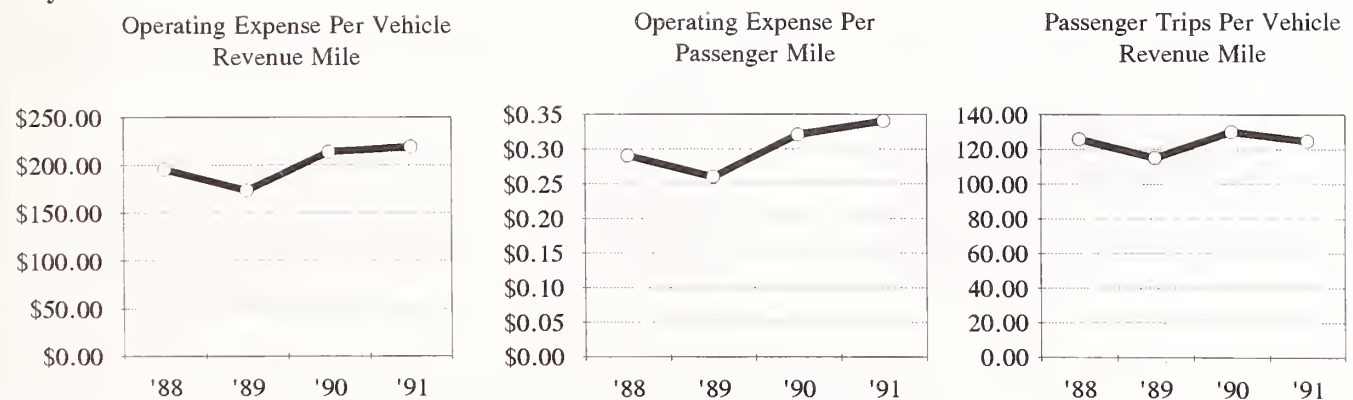
Service Effectiveness

Unlinked Passenger Trips/Vehicle Revenue Mile	3.23	124.64	0.15
Unlinked Passenger Trips/Vehicle Revenue Hour	33.41	1295.97	1.44

Motor Bus



Ferry Boat



Source: 1991 Section 15 Annual Report

New York MTA-Long Island Rail Road Company (LIRR)

Jamaica Station Building
Jamaica, NY 11435
(718)990-7524

Chief Executive Officer: Charles W. Hoppe,
President

Section 15 ID Number: 2100

General Information (System Wide)

Urbanized Area (UZA) Statistics - 1990 Census

New York, NY--Northeastern NJ

Square Miles	2,967
Population	16,044,012
Population Ranking Out of 405 UZA's	1

Service Area Statistics

Square Miles	1,406
Population	8,350,000

Service Consumption

Annual Passenger Miles	2,189,860,428
Annual Unlinked Trips	90,534,000
Average Weekday Unlinked Trips	320,000
Average Saturday Unlinked Trips	94,000
Average Sunday Unlinked Trips	74,000

Service Supplied

Annual Vehicle Revenue Miles	55,278,488
Annual Vehicle Revenue Hours	1,681,551
Total Fleet	1,190
Vehicles Operated in Maximum Service	979
Base Period Requirement	551

Vehicles Operated in Maximum Service

	Directly Operated	Purchased Transportation
Commuter Rail	979	0

Financial Information (System Wide)

Sources of Operating Funds

Passenger Fares	\$285,346,845
Local Assistance	181,986,045
State Assistance	128,542,317
Federal Assistance	13,809,722
Other Revenues	19,267,806
Total Operating Funds	(1991) \$628,952,735
	(1990) \$632,775,823

Summary of Operating Expenses

Salaries/Wages/Benefits	\$523,678,976
Materials & Supplies	43,572,034
Purchased Transportation	0
Other Expenses	28,590,292
Total Operating Expenses	(1991) \$595,841,302
	(1990) \$605,370,069
	(1989) \$593,457,403

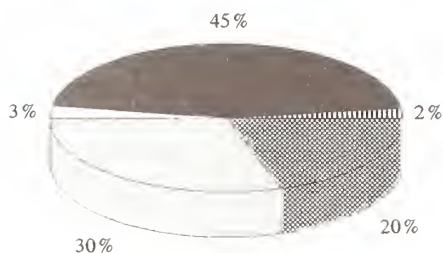
Sources of Capital Funds Expended

Local Assistance	\$119,838,138
State Assistance	0
Federal Assistance	6,263,253
Total Capital Funds Expended	(1991) \$126,101,391
	(1990) \$129,753,544
	(1989) \$0

Uses of Capital Funds

Bus	\$0
Existing Fixed Guideway Segments	126,101,391
New Fixed Guideway Segments	0
Total Uses of Capital Funds	(1991) \$126,101,391

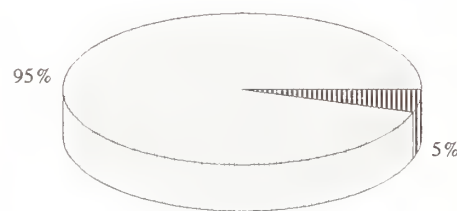
Sources of Operating Funds



Legend

Fares	
Federal	
State	
Local	
Other	

Sources of Capital Funds Expended



New York MTA-Long Island Rail Road Company (LIRR)

Characteristics

Operating Expense	\$595,841,302
Annual Passenger Miles	2,189,860,428
Annual Vehicle Revenue Miles	55,278,488
Annual Unlinked Trips	90,534,000
Average Weekday Unlinked Trips	320,000
Annual Vehicle Revenue Hours	1,681,551
Fixed Guideway Directional Route Miles	638.2
Total Fleet	1,190
Average Fleet Age in Years	20.5
Vehicles Operated in Maximum Service	979
Peak to Base Ratio	1.7
Spare Ratio	22%

Commuter Rail

Performance Measures

Service Efficiency

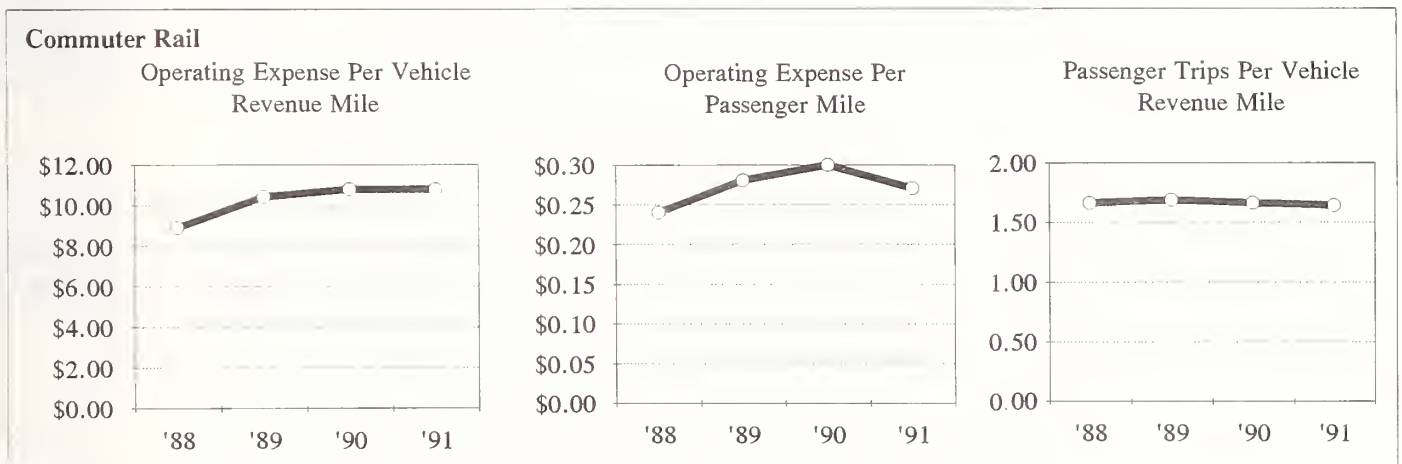
Operating Expense/Vehicle Revenue Mile	\$10.78
Operating Expense/Vehicle Revenue Hour	\$354.34

Cost Effectiveness

Operating Expense/Passenger Mile	\$0.27
Operating Expense/Unlinked Passenger Trip	\$6.58

Service Effectiveness

Unlinked Passenger Trips/Vehicle Revenue Mile	1.64
Unlinked Passenger Trips/Vehicle Revenue Hour	53.84



New York-MTA-Metro-North Commuter Railroad (Metro-North)

347 Madison Avenue
New York, NY 10017
(212)340-3208

Chief Executive Officer: D. N. Nelson,
President

Section 15 ID Number: 2078

General Information (System Wide)

Urbanized Area (UZA) Statistics - 1990 Census New York, NY--Northeastern NJ

Square Miles	2,967
Population	16,044,012
Population Ranking Out of 405 UZA's	1
Other UZA's Served:	195, 71, 67, 133, 144, 209

Service Area Statistics

Square Miles	2,527
Population	4,484,000

Service Consumption

Annual Passenger Miles	1,610,972,780
Annual Unlinked Trips	57,398,642
Average Weekday Unlinked Trips	199,569
Average Saturday Unlinked Trips	69,948
Average Sunday Unlinked Trips	54,501

Service Supplied

Annual Vehicle Revenue Miles	35,665,632
Annual Vehicle Revenue Hours	985,236
Total Fleet	824
Vehicles Operated in Maximum Service	706
Base Period Requirement	394

Vehicles Operated in Maximum Service

	Directly Operated	Purchased Transportation
Motor Bus	0	4
Commuter Rail	702	0

Financial Information (System Wide)

Sources of Operating Funds

Passenger Fares	\$222,854,691
Local Assistance	94,562,674
State Assistance	102,697,512
Federal Assistance	7,175,738
Other Revenues	21,987,335
Total Operating Funds	(1991) \$449,277,950
	(1990) \$455,791,929

Summary of Operating Expenses

Salaries/Wages/Benefits	\$301,477,255
Materials & Supplies	32,177,927
Purchased Transportation	191,221
Other Expenses	77,850,222
Total Operating Expenses	(1991) \$411,696,625
	(1990) \$423,047,616
	(1989) \$401,764,864

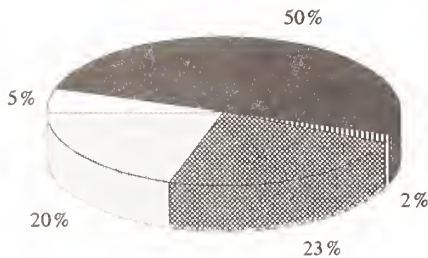
Sources of Capital Funds Expended

Local Assistance	\$119,635,905
State Assistance	4,120,830
Federal Assistance	70,313,128
Total Capital Funds Expended	(1991) \$194,069,863
	(1990) \$101,949,214
	(1989) \$0

Uses of Capital Funds

Bus	\$0
Existing Fixed Guideway Segments	194,069,863
New Fixed Guideway Segments	0
Total Uses of Capital Funds	(1991) \$194,069,863

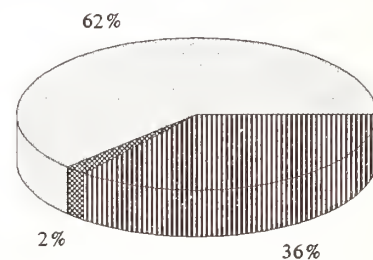
Sources of Operating Funds



Legend

Fares	
Federal	
State	
Local	
Other	

Sources of Capital Funds Expended



New York-MTA-Metro-North Commuter Railroad (Metro-North)

Characteristics

	Motor Bus	Commuter Rail
Operating Expense	\$191,221	\$411,505,404
Annual Passenger Miles	0	1,610,972,780
Annual Vehicle Revenue Miles	16,637	35,648,995
Annual Unlinked Trips	0	57,398,642
Average Weekday Unlinked Trips	0	199,569
Annual Vehicle Revenue Hours	2,727	982,509
Fixed Guideway Directional Route Miles	0.0	535.9
Total Fleet	5	819
Average Fleet Age in Years	0.0	16.0
Vehicles Operated in Maximum Service	4	702
Peak to Base Ratio	2.0	1.6
Spare Ratio	25%	17%

Performance Measures

Service Efficiency

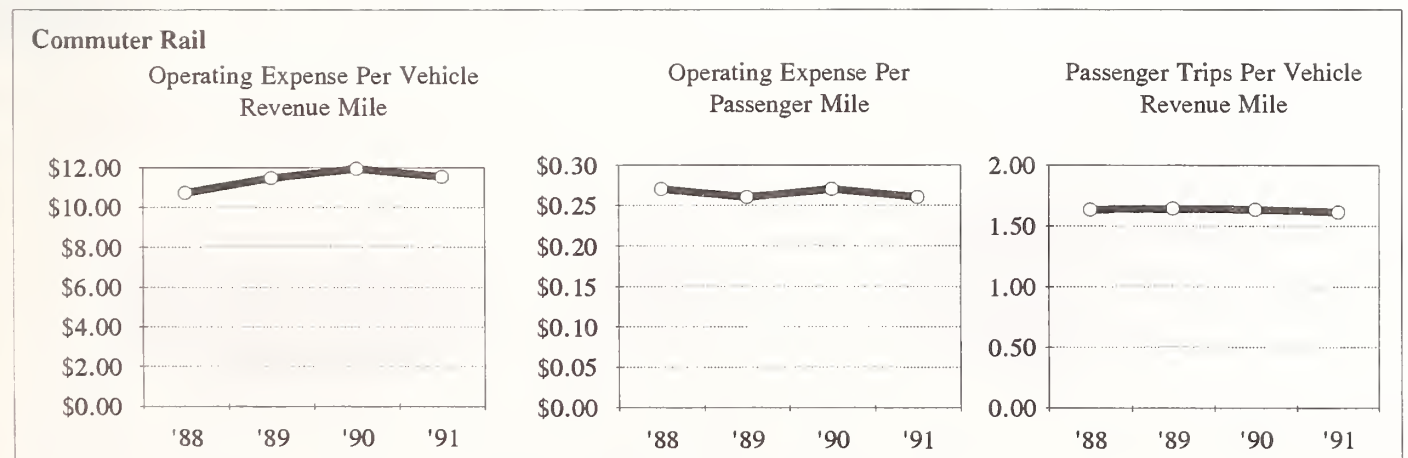
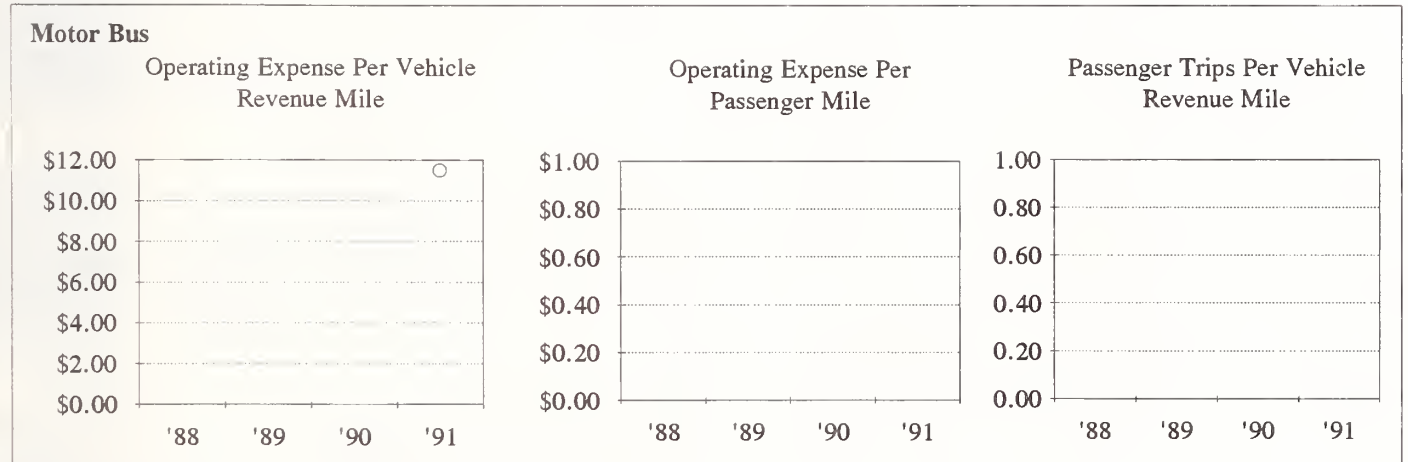
Operating Expense/Vehicle Revenue Mile	\$11.49	\$11.54
Operating Expense/Vehicle Revenue Hour	\$70.12	\$418.83

Cost Effectiveness

Operating Expense/Passenger Mile	\$0.00	\$0.26
Operating Expense/Unlinked Passenger Trip	\$0.00	\$7.17

Service Effectiveness

Unlinked Passenger Trips/Vehicle Revenue Mile	0.00	1.61
Unlinked Passenger Trips/Vehicle Revenue Hour	0.00	58.42



Source: 1991 Section 15 Annual Report

New York-MTA-New York City Transit Authority (NYCTA)

370 Jay Street
Brooklyn, NY 11201
(718)330-4841

Chief Executive Officer: Alan F. Kiepper,
President

Section 15 ID Number: 2008

General Information (System Wide)

Urbanized Area (UZA) Statistics - 1990 Census

New York, NY--Northeastern NJ

Square Miles	2,967
Population	16,044,012
Population Ranking Out of 405 UZA's	1

Service Area Statistics

Square Miles	618
Population	14,648,000

Service Consumption

Annual Passenger Miles	7,270,072,434
Annual Unlinked Trips	1,981,811,674
Average Weekday Unlinked Trips	6,652,557
Average Saturday Unlinked Trips	3,142,986
Average Sunday Unlinked Trips	2,180,831

Service Supplied

Annual Vehicle Revenue Miles	384,995,150
Annual Vehicle Revenue Hours	23,783,978
Total Fleet	9,619
Vehicles Operated in Maximum Service	7,840
Base Period Requirement	4,902

Vehicles Operated in Maximum Service

	Directly Operated	Purchased Transportation
Motor Bus	2,963	0
Heavy Rail	4,877	0

Financial Information (System Wide)

Sources of Operating Funds

Passenger Fares	\$1,476,467,994
Local Assistance	816,258,466
State Assistance	719,583,896
Federal Assistance	71,527,266
Other Revenues	278,598,034
Total Operating Funds	(1991) \$3,362,435,656
	(1990) \$3,317,498,526

Summary of Operating Expenses

Salaries/Wages/Benefits	\$2,794,317,167
Materials & Supplies	217,087,995
Purchased Transportation	0
Other Expenses	397,982,097
Total Operating Expenses	(1991) \$3,409,387,259
	(1990) \$3,491,850,891
	(1989) \$3,371,270,314

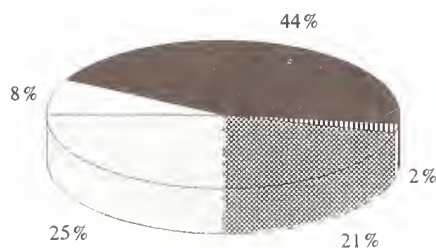
Sources of Capital Funds Expended

Local Assistance	\$572,340,394
State Assistance	98,216,607
Federal Assistance	470,077,342
Total Capital Funds Expended	(1991) \$1,140,634,343
	(1990) \$906,828,409
	(1989) \$792,295,271

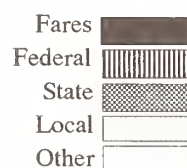
Uses of Capital Funds

Bus	\$156,711,464
Existing Fixed Guideway Segments	977,947,976
New Fixed Guideway Segments	5,974,903
Total Uses of Capital Funds	(1991) \$1,140,634,343

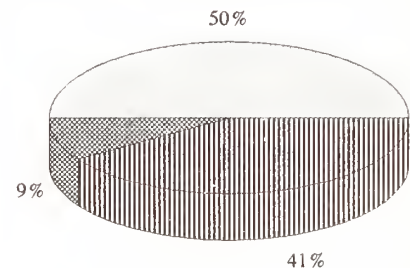
Sources of Operating Funds



Legend



Sources of Capital Funds Expended



New York-MTA-New York City Transit Authority (NYCTA)

Characteristics

	Motor Bus	Heavy Rail
Operating Expense	\$1,036,610,923	\$2,372,776,336
Annual Passenger Miles	1,350,960,925	5,919,111,509
Annual Vehicle Revenue Miles	90,963,550	294,031,600
Annual Unlinked Trips	656,105,184	1,325,706,490
Average Weekday Unlinked Trips	2,216,690	4,435,867
Annual Vehicle Revenue Hours	11,254,488	12,529,490
Fixed Guideway Directional Route Miles	35.8	492.9
Total Fleet	3,668	5,951
Average Fleet Age in Years	8.0	18.9
Vehicles Operated in Maximum Service	2,963	4,877
Peak to Base Ratio	1.5	1.6
Spare Ratio	24%	22%

Performance Measures

Service Efficiency

Operating Expense/Vehicle Revenue Mile	\$11.40	\$8.07
Operating Expense/Vehicle Revenue Hour	\$92.11	\$189.38

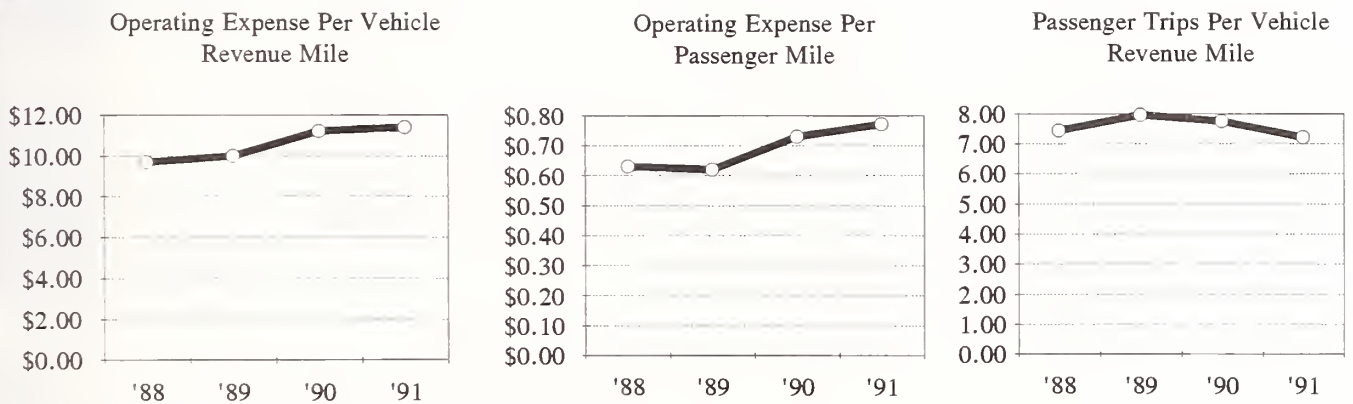
Cost Effectiveness

Operating Expense/Passenger Mile	\$0.77	\$0.40
Operating Expense/Unlinked Passenger Trip	\$1.58	\$1.79

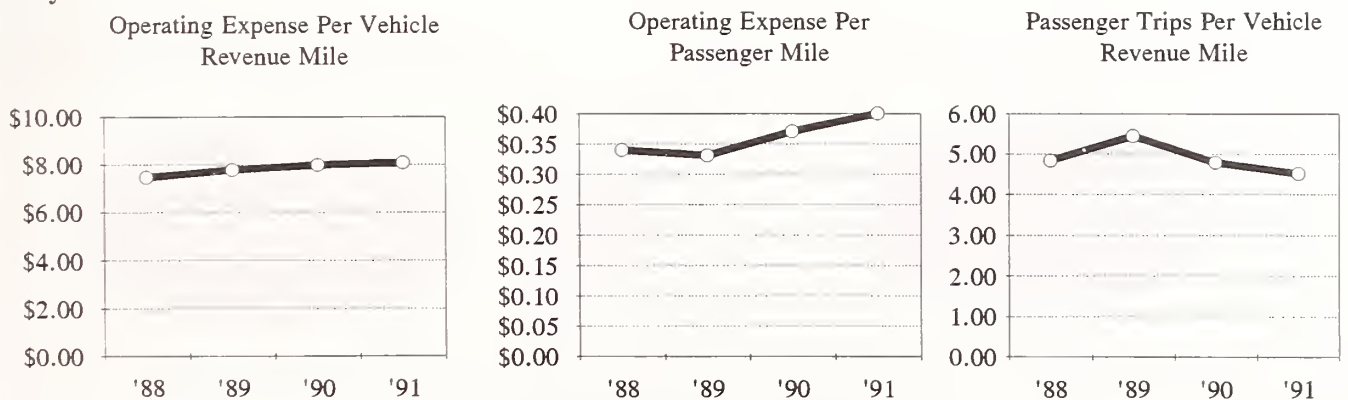
Service Effectiveness

Unlinked Passenger Trips/Vehicle Revenue Mile	7.21	4.51
Unlinked Passenger Trips/Vehicle Revenue Hour	58.30	105.81

Motor Bus



Heavy Rail



Source: 1991 Section 15 Annual Report

NJ-New Jersey Transit Corporation (NJ Transit)

NJ Transit Headquarters, One Penn Plaza, East Newark, NJ 07105-2246
(201)491-7839

Chief Executive Officer: Shirley A. DeLibero,
Executive Director

Section 15 ID Number: 2080

Purchased Transportation Providers: NJ-New Jersey Transit Corporation-Contract Services (2132); NJ Transit Contract Services (Individual Providers): Academy Lines, Inc. (2122), Hudson Transit Lines, Inc. (2126), Rockland Coaches, Inc. (2129), Suburban Transit Corporation (2128)

General Information (System Wide)

Urbanized Area (UZA) Statistics - 1990 Census

New York, NY--Northeastern NJ

Square Miles	2,967
Population	16,044,012
Population Ranking Out of 405 UZA's	1
Other UZA's Served:	4, 89, 68, 72

Service Area Statistics

Square Miles	6,559
Population	7,495,000

Service Consumption

Annual Passenger Miles	2,552,828,564
Annual Unlinked Trips	229,495,122
Average Weekday Unlinked Trips	637,411
Average Saturday Unlinked Trips	268,638
Average Sunday Unlinked Trips	130,146

Service Supplied

Annual Vehicle Revenue Miles	146,392,793
Annual Vehicle Revenue Hours	7,468,543
Total Fleet	4,187
Vehicles Operated in Maximum Service	3,310
Base Period Requirement	1,769

Vehicles Operated in Maximum Service

	Directly Operated	Purchased Transportation
Motor Bus	1,551	1,107
Commuter Rail	589	47
Light Rail	16	0

Financial Information (System Wide)

Sources of Operating Funds

Passenger Fares	\$467,345,424
Local Assistance	545,826
State Assistance	258,307,821
Federal Assistance	53,427,696
Other Revenues	56,358,388
Total Operating Funds	(1991) \$835,985,155
	(1990) \$785,793,561
	(1989) \$620,670,823

Summary of Operating Expenses

Salaries/Wages/Benefits	\$411,585,959
Materials & Supplies	78,080,697
Purchased Transportation	43,805,839 *
Other Expenses	110,191,632
Total Operating Expenses	(1991) \$643,664,127
	(1990) \$618,117,976
	(1989) \$600,731,302

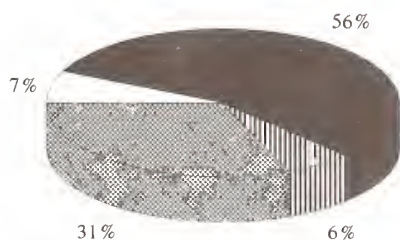
Sources of Capital Funds Expended

Local Assistance	\$1,925,867
State Assistance	69,784,309
Federal Assistance	139,806,361
Total Capital Funds Expended	(1991) \$211,516,537
	(1990) \$319,459,024
	(1989) \$194,666,053

Uses of Capital Funds

Bus	\$58,487,054
Existing Fixed Guideway Segments	153,029,483
New Fixed Guideway Segments	0
Total Uses of Capital Funds	(1991) \$211,516,537

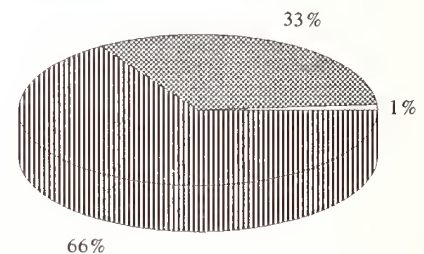
Sources of Operating Funds



Legend

Fares	
Federal	
State	
Local	
Other	

Sources of Capital Funds Expended



NJ-New Jersey Transit Corporation (NJ Transit)

Characteristics

	Motor Bus	Commuter Rail	Light Rail
Operating Expense	\$336,129,551	\$303,603,895	\$3,930,681
Annual Passenger Miles	1,470,122,062	1,072,639,102	10,067,400
Annual Vehicle Revenue Miles	108,345,016	37,400,673	647,104
Annual Unlinked Trips	178,659,967	47,552,055	3,283,100
Average Weekday Unlinked Trips	618,657	7,374	11,380
Annual Vehicle Revenue Hours	6,425,791	997,512	45,240
Fixed Guideway Directional Route Miles	6.7	926.0	8.3
Total Fleet	3,224	941	22
Average Fleet Age in Years	7.3	14.2	44.5
Vehicles Operated in Maximum Service	2,658	636	16
Peak to Base Ratio	2.3	N/A	2.3
Spare Ratio	21%	48%	38%

Performance Measures

Service Efficiency

Operating Expense/Vehicle Revenue Mile	\$3.10	\$8.12	\$6.07
Operating Expense/Vehicle Revenue Hour	\$52.31	\$304.36	\$86.89

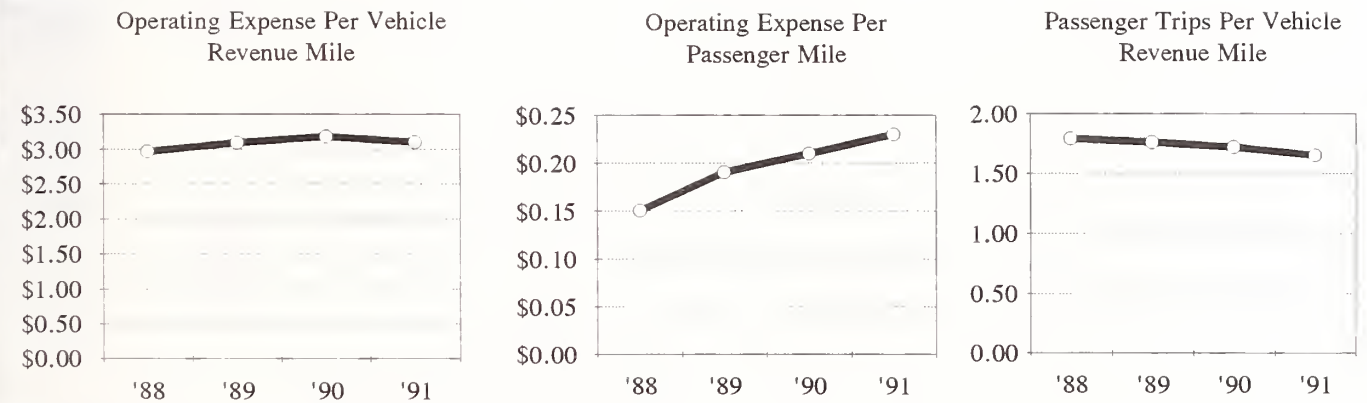
Cost Effectiveness

Operating Expense/Passenger Mile	\$0.23	\$0.28	\$0.39
Operating Expense/Unlinked Passenger Trip	\$1.88	\$6.38	\$1.20

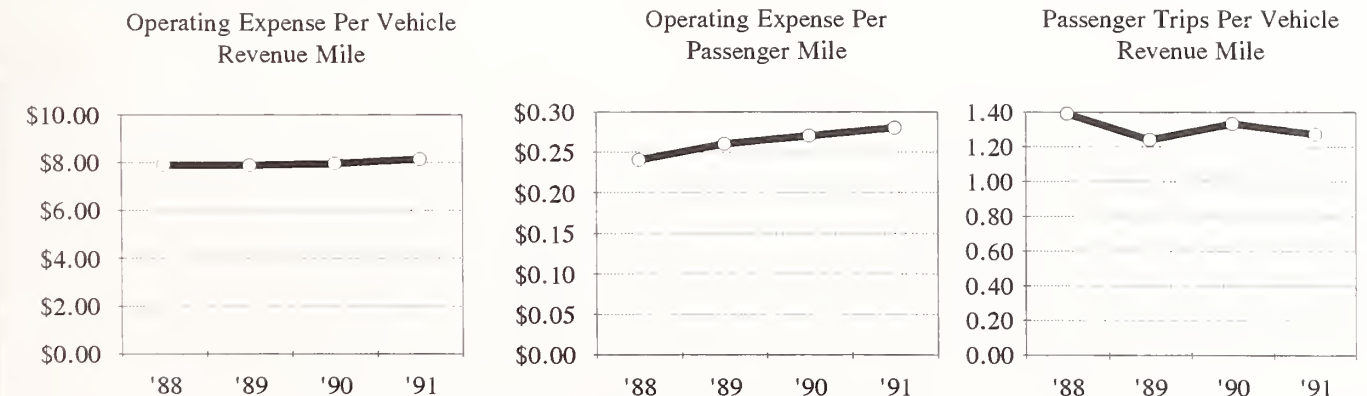
Service Effectiveness

Unlinked Passenger Trips/Vehicle Revenue Mile	1.65	1.27	5.07
Unlinked Passenger Trips/Vehicle Revenue Hour	27.80	47.67	72.57

Motor Bus



Commuter Rail



Source: 1991 Section 15 Annual Report

NY-Port Authority Trans Hudson Corporation (PATH)

One World Trade Center
New York, NY 10048
(212)435-4092

Chief Executive Officer: Richard R. Kelly,
General Manager

Section 15 ID Number: 2098

General Information (System Wide)

Urbanized Area (UZA) Statistics - 1990 Census

New York, NY--Northeastern NJ	
Square Miles	2,967
Population	16,044,012
Population Ranking Out of 405 UZA's	1

Service Area Statistics

Square Miles	196
Population	2,820,000

Service Consumption

Annual Passenger Miles	277,598,624
Annual Unlinked Trips	61,585,249
Average Weekday Unlinked Trips	217,110
Average Saturday Unlinked Trips	79,297
Average Sunday Unlinked Trips	46,014

Service Supplied

Annual Vehicle Revenue Miles	12,838,525
Annual Vehicle Revenue Hours	639,525
Total Fleet	346
Vehicles Operated in Maximum Service	300
Base Period Requirement	142

Vehicles Operated in Maximum Service

	Directly Operated	Purchased Transportation
Heavy Rail	297	0
Ferry Boat	0	3

Financial Information (System Wide)

Sources of Operating Funds

Passenger Fares		\$55,694,000
Local Assistance		0
State Assistance		0
Federal Assistance		0
Other Revenues		8,689,000
Total Operating Funds	(1991)	\$64,383,000
	(1990)	\$61,926,000
	(1989)	\$64,250,000

Summary of Operating Expenses

Salaries/Wages/Benefits		\$94,720,000
Materials & Supplies		6,327,000
Purchased Transportation		2,599,000
Other Expenses		34,686,000
Total Operating Expenses	(1991)	\$138,332,000
	(1990)	\$128,120,000
	(1989)	\$120,224,792

Sources of Capital Funds Expended

Local Assistance		\$0
State Assistance		0
Federal Assistance		0
Total Capital Funds Expended	(1991)	\$0
	(1990)	\$0
	(1989)	\$0

Uses of Capital Funds

Bus		\$0
Existing Fixed Guideway Segments		0
New Fixed Guideway Segments		0
Total Uses of Capital Funds	(1991)	\$0

NY-Port Authority Trans Hudson Corporation (PATH)

Characteristics

	Heavy Rail	Ferry Boat
Operating Expense	\$135,449,000	\$2,883,000
Annual Passenger Miles	275,131,214	2,467,410
Annual Vehicle Revenue Miles	12,797,481	41,044
Annual Unlinked Trips	60,107,773	1,477,476
Average Weekday Unlinked Trips	211,204	5,906
Annual Vehicle Revenue Hours	634,376	5,149
Fixed Guideway Directional Route Miles	28.6	3.4
Total Fleet	342	4
Average Fleet Age in Years	18.0	2.0
Vehicles Operated in Maximum Service	297	3
Peak to Base Ratio	2.1	N/A
Spare Ratio	15%	33%

Performance Measures

Service Efficiency

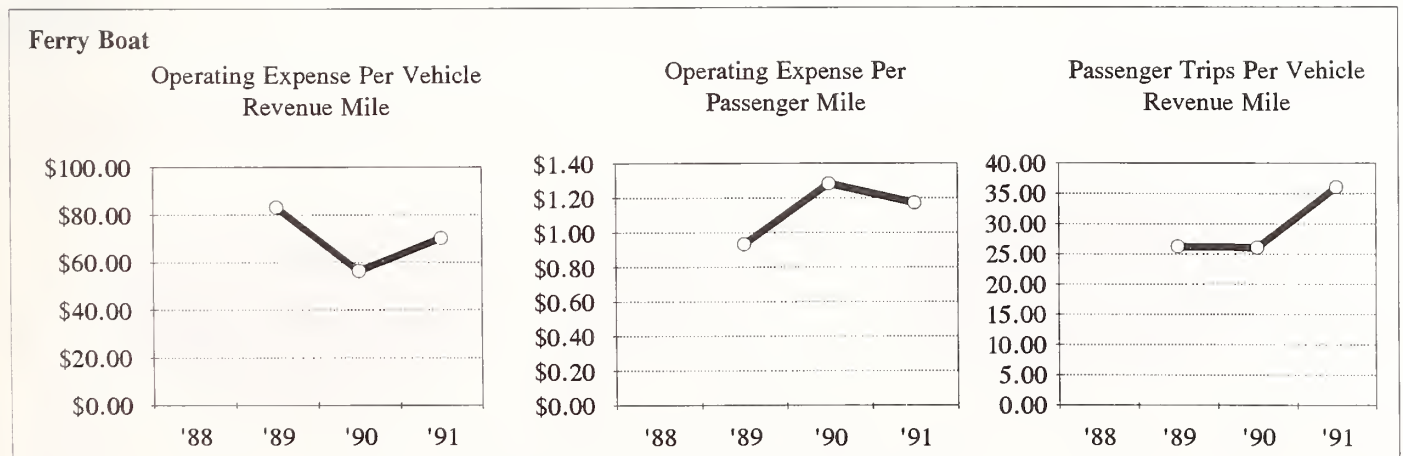
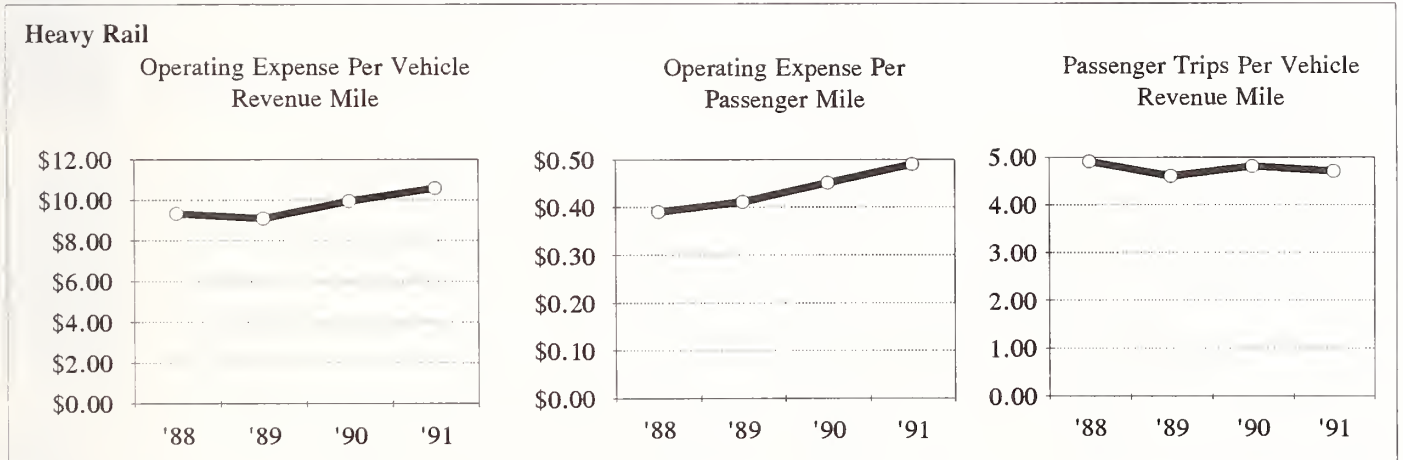
Operating Expense/Vehicle Revenue Mile	\$10.58	\$70.24
Operating Expense/Vehicle Revenue Hour	\$213.52	\$559.91

Cost Effectiveness

Operating Expense/Passenger Mile	\$0.49	\$1.17
Operating Expense/Unlinked Passenger Trip	\$2.25	\$1.95

Service Effectiveness

Unlinked Passenger Trips/Vehicle Revenue Mile	4.70	36.00
Unlinked Passenger Trips/Vehicle Revenue Hour	94.75	286.94



Source: 1991 Section 15 Annual Report

Philadelphia-Southeastern Pennsylvania Transportation Authority (SEPTA)

841 Chestnut Street
Philadelphia, PA 19107
(215)580-7988

Chief Executive Officer: Louis J. Gambaccini,
Chief Operations Officer/General Manager

Section 15 ID Number: 3019

General Information (System Wide)

Urbanized Area (UZA) Statistics - 1990 Census

Philadelphia, PA--NJ	
Square Miles	1,164
Population	4,222,211
Population Ranking Out of 405 UZA's	4
Other UZA's Served:	65

Service Area Statistics

Square Miles	2,174
Population	3,682,709

Service Consumption

Annual Passenger Miles	1,323,228,584
Annual Unlinked Trips	343,748,129
Average Weekday Unlinked Trips	1,156,482
Average Saturday Unlinked Trips	576,362
Average Sunday Unlinked Trips	343,475

Service Supplied

Annual Vehicle Revenue Miles	70,905,965
Annual Vehicle Revenue Hours	5,710,716
Total Fleet	2,565
Vehicles Operated in Maximum Service	1,979
Base Period Requirement	1,024

Vehicles Operated in Maximum Service

	Directly Operated	Purchased Transportation
Motor Bus	1,097	0
Heavy Rail	288	0
Commuter Rail	279	0
Light Rail	181	0
Demand Response	0	79
Trolleybus	55	0

Financial Information (System Wide)

Sources of Operating Funds

Passenger Fares	\$279,599,564
Local Assistance	54,871,134
State Assistance	257,268,342
Federal Assistance	27,386,955
Other Revenues	10,216,048
Total Operating Funds	(1991) \$629,342,043
	(1990) \$604,457,447
	(1989) \$567,890,293

Summary of Operating Expenses

Salaries/Wages/Benefits	\$437,535,937
Materials & Supplies	51,457,599
Purchased Transportation	4,821,393
Other Expenses	70,684,223
Total Operating Expenses	(1991) \$564,499,152
	(1990) \$552,046,844
	(1989) \$511,119,251

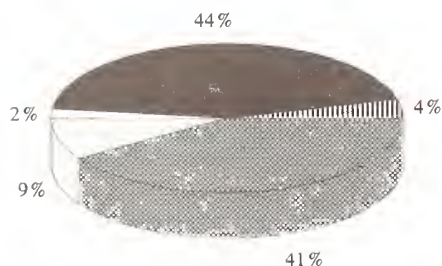
Sources of Capital Funds Expended

Local Assistance	\$48,351,324
State Assistance	26,549,184
Federal Assistance	84,454,388
Total Capital Funds Expended	(1991) \$159,354,896
	(1990) \$125,644,588
	(1989) \$135,655,231

Uses of Capital Funds

Bus	\$36,403,659
Existing Fixed Guideway Segments	122,951,237
New Fixed Guideway Segments	0
Total Uses of Capital Funds	(1991) \$159,354,896

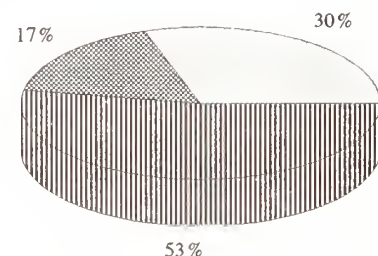
Sources of Operating Funds



Legend

Fares	
Federal	
State	
Local	
Other	

Sources of Capital Funds Expended



Philadelphia-Southeastern Pennsylvania Transportation Authority (SEPTA)

Characteristics

	Motor Bus	Heavy Rail	Commuter Rail	Light Rail
Operating Expense	\$206,447,691	\$136,282,441	\$157,846,881	\$48,657,751
Annual Passenger Miles	480,099,681	379,260,185	340,141,596	101,350,866
Annual Vehicle Revenue Miles	35,179,304	15,295,983	12,367,211	4,470,898
Annual Unlinked Trips	179,615,469	85,346,510	24,123,524	42,487,997
Average Weekday Unlinked Trips	599,808	289,304	86,363	139,882
Annual Vehicle Revenue Hours	3,420,046	961,100	458,581	506,808
Fixed Guideway Directional Route Miles	4.6	75.8	442.8	126.7
Total Fleet	1,421	368	346	226
Average Fleet Age in Years	6.9	24.0	16.9	23.5
Vehicles Operated in Maximum Service	1,097	288	279	181
Peak to Base Ratio	1.8	1.6	4.2	2.0
Spare Ratio	30%	28%	24%	25%

Performance Measures

Service Efficiency

Operating Expense/Vehicle Revenue Mile	\$5.87	\$8.91	\$12.76	\$10.88
Operating Expense/Vehicle Revenue Hour	\$60.36	\$141.80	\$344.21	\$96.01

Cost Effectiveness

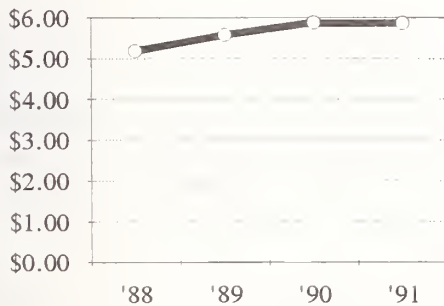
Operating Expense/Passenger Mile	\$0.43	\$0.36	\$0.46	\$0.48
Operating Expense/Unlinked Passenger Trip	\$1.15	\$1.60	\$6.54	\$1.15

Service Effectiveness

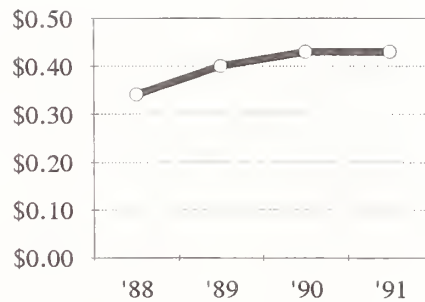
Unlinked Passenger Trips/Vehicle Revenue Mile	5.11	5.58	1.95	9.50
Unlinked Passenger Trips/Vehicle Revenue Hour	52.52	88.80	52.60	83.83

Motor Bus

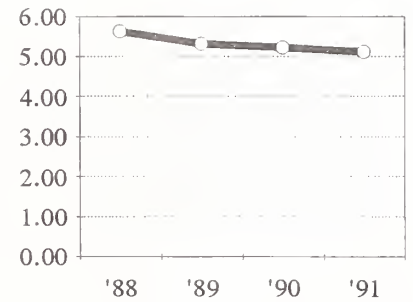
Operating Expense Per Vehicle Revenue Mile



Operating Expense Per Passenger Mile

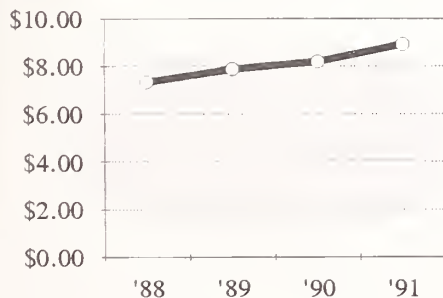


Passenger Trips Per Vehicle Revenue Mile

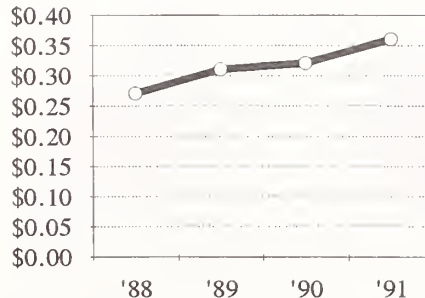


Heavy Rail

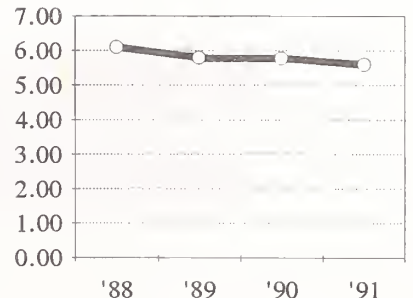
Operating Expense Per Vehicle Revenue Mile



Operating Expense Per Passenger Mile



Passenger Trips Per Vehicle Revenue Mile



Source: 1991 Section 15 Annual Report

Pittsburgh-Port Authority of Allegheny County (PAT)

2235 Beaver Avenue
Pittsburgh, PA 15233
(412)237-7080

Chief Executive Officer: William W. Millar,
Executive Director

Section 15 ID Number: 3022

Purchased Transportation Providers: Pittsburgh-PAT Contract Services- ACCESS Transportation Systems, Inc. (3067)

General Information (System Wide)

Urbanized Area (UZA) Statistics - 1990 Census

Pittsburgh, PA	
Square Miles	778
Population	1,678,745
Population Ranking Out of 405 UZA's	20

Service Area Statistics

Square Miles	775
Population	1,523,198

Service Consumption

Annual Passenger Miles	395,620,859
Annual Unlinked Trips	87,186,252
Average Weekday Unlinked Trips	294,685
Average Saturday Unlinked Trips	158,405
Average Sunday Unlinked Trips	70,187

Service Supplied

Annual Vehicle Revenue Miles	41,752,408
Annual Vehicle Revenue Hours	3,058,396
Total Fleet	1,507
Vehicles Operated in Maximum Service	1,165
Base Period Requirement	810

Vehicles Operated in Maximum Service

	Directly Operated	Purchased Transportation
Motor Bus	730	8
Demand Response	0	360
Light Rail	63	0
Inclined Plane	2	2

Financial Information (System Wide)

Sources of Operating Funds

Passenger Fares	\$58,010,784
Local Assistance	23,387,926
State Assistance	100,187,998
Federal Assistance	8,000,677
Other Revenues	2,971,708
Total Operating Funds	(1991) \$192,559,093
	(1990) \$180,967,194
	(1989) \$157,321,221

Summary of Operating Expenses

Salaries/Wages/Benefits	\$137,210,031
Materials & Supplies	23,872,522
Purchased Transportation	20,254,350 *
Other Expenses	-5,577,622
Total Operating Expenses	(1991) \$175,759,281
	(1990) \$167,778,743
	(1989) \$158,497,104

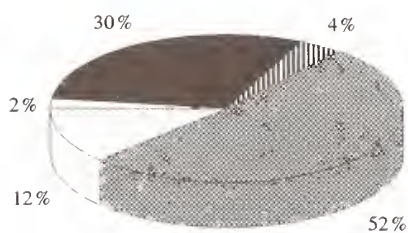
Sources of Capital Funds Expended

Local Assistance	\$1,769,378
State Assistance	9,219,851
Federal Assistance	32,628,688
Total Capital Funds Expended	(1991) \$43,617,917
	(1990) \$16,860,796
	(1989) \$21,517,823

Uses of Capital Funds

Bus	\$37,387,819
Existing Fixed Guideway Segments	6,230,098
New Fixed Guideway Segments	0
Total Uses of Capital Funds	(1991) \$43,617,917

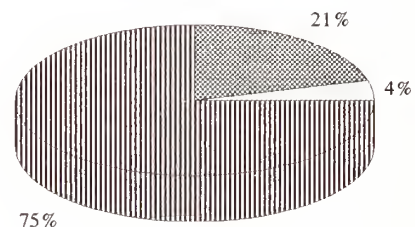
Sources of Operating Funds



Legend

Fares	
Federal	
State	
Local	
Other	

Sources of Capital Funds Expended



Pittsburgh-Port Authority of Allegheny County (PAT)

Characteristics

	Motor Bus	Light Rail	Demand Response	Inclined Plane
Operating Expense	\$127,990,980	\$27,774,335	\$19,295,698	\$698,268
Annual Passenger Miles	323,406,843	61,553,483	10,459,676	200,857
Annual Vehicle Revenue Miles	28,159,573	2,185,799	11,357,276	49,760
Annual Unlinked Trips	73,573,385	9,986,585	2,078,219	1,548,063
Average Weekday Unlinked Trips	249,263	34,404	7,095	3,923
Annual Vehicle Revenue Hours	2,012,161	147,099	888,129	11,007
Fixed Guideway Directional Route Miles	42.9	64.8	0.0	0.5
Total Fleet	923	71	509	4
Average Fleet Age in Years	8.3	14.3	3.5	117.5
Vehicles Operated in Maximum Service	738	63	360	4
Peak to Base Ratio	1.7	2.7	N/A	1.0
Spare Ratio	25%	13%	41%	0%

Performance Measures

Service Efficiency

Operating Expense/Vehicle Revenue Mile	\$4.55	\$12.71	\$1.70	\$14.03
Operating Expense/Vehicle Revenue Hour	\$63.61	\$188.81	\$21.73	\$63.44

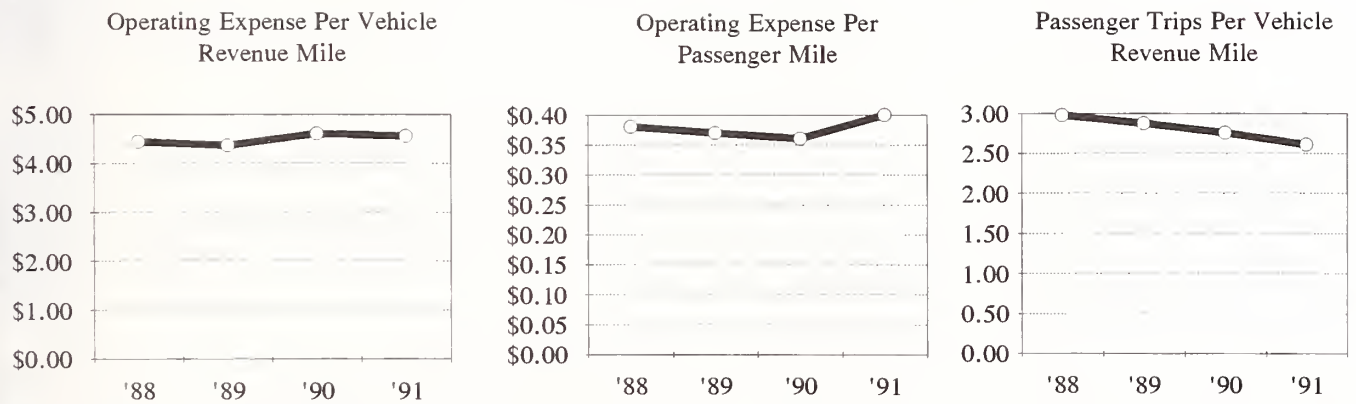
Cost Effectiveness

Operating Expense/Passenger Mile	\$0.40	\$0.45	\$1.84	\$3.48
Operating Expense/Unlinked Passenger Trip	\$1.74	\$2.78	\$9.28	\$0.45

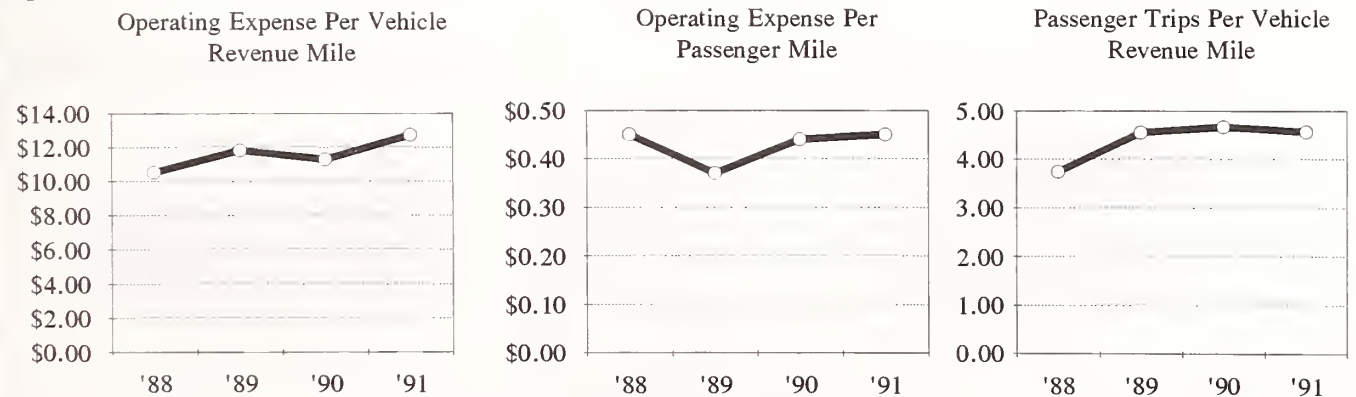
Service Effectiveness

Unlinked Passenger Trips/Vehicle Revenue Mile	2.61	4.57	0.18	31.11
Unlinked Passenger Trips/Vehicle Revenue Hour	36.56	67.89	2.34	140.64

Motor Bus



Light Rail



Source: 1991 Section 15 Annual Report

Portland-Tri-County Metropolitan Transportation District of Oregon (Tri-Met)

4012 S.E. 17th Avenue
Portland, OR 97202
(503)239-6425

Chief Executive Officer: Tom Walsh,
General Manager

Section 15 ID Number: 0008

General Information (System Wide)

Urbanized Area (UZA) Statistics - 1990 Census

Portland--Vancouver, OR--WA

Square Miles	388
Population	1,172,158
Population Ranking Out of 405 UZA's	29

Service Area Statistics

Square Miles	592
Population	988,284

Service Consumption

Annual Passenger Miles	220,812,721
Annual Unlinked Trips	58,664,449
Average Weekday Unlinked Trips	196,659
Average Saturday Unlinked Trips	90,649
Average Sunday Unlinked Trips	67,785

Service Supplied

Annual Vehicle Revenue Miles	21,864,779
Annual Vehicle Revenue Hours	1,666,113
Total Fleet	658
Vehicles Operated in Maximum Service	532
Base Period Requirement	332

Vehicles Operated in Maximum Service

	Directly Operated	Purchased Transportation
Motor Bus	432	4
Demand Response	0	73
Light Rail	23	0

Financial Information (System Wide)

Sources of Operating Funds

Passenger Fares	\$26,669,234
Local Assistance	73,038,032
State Assistance	1,811,509
Federal Assistance	6,178,972
Other Revenues	5,220,958
Total Operating Funds	(1991) \$112,918,705
	(1990) \$105,486,699
	(1989) \$93,885,957

Summary of Operating Expenses

Salaries/Wages/Benefits	\$68,809,465
Materials & Supplies	11,572,278
Purchased Transportation	6,077,162
Other Expenses	8,716,535
Total Operating Expenses	(1991) \$95,175,440
	(1990) \$88,934,859
	(1989) \$82,505,585

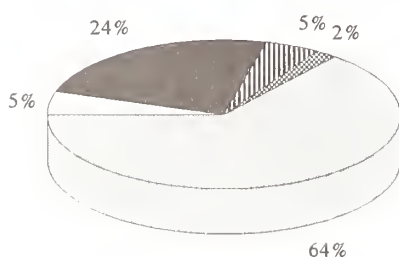
Sources of Capital Funds Expended

Local Assistance	\$9,114,730
State Assistance	586,483
Federal Assistance	19,146,539
Total Capital Funds Expended	(1991) \$28,847,752
	(1990) \$19,603,711
	(1989) \$21,090,057

Uses of Capital Funds

Bus	\$23,321,153
Existing Fixed Guideway Segments	1,862,980
New Fixed Guideway Segments	3,663,619
Total Uses of Capital Funds	(1991) \$28,847,752

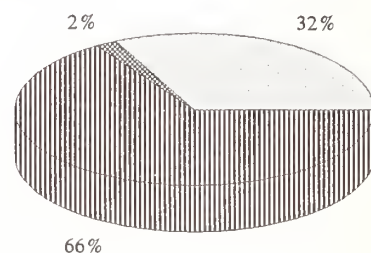
Sources of Operating Funds



Legend

Fares	
Federal	
State	
Local	
Other	

Sources of Capital Funds Expended



Portland-Tri-County Metropolitan Transportation District of Oregon (Tri-Met)

Characteristics

	Motor Bus	Light Rail	Demand Response
Operating Expense	\$79,182,251	\$10,065,337	\$5,927,852
Annual Passenger Miles	175,827,851	40,895,614	4,089,256
Annual Vehicle Revenue Miles	18,641,946	1,408,229	1,814,604
Annual Unlinked Trips	51,246,088	6,981,929	436,432
Average Weekday Unlinked Trips	173,811	21,166	1,682
Annual Vehicle Revenue Hours	1,421,690	93,169	151,254
Fixed Guideway Directional Route Miles	1.1	30.2	0.0
Total Fleet	542	26	90
Average Fleet Age in Years	7.3	7.0	0.0
Vehicles Operated in Maximum Service	436	23	73
Peak to Base Ratio	1.7	2.9	N/A
Spare Ratio	24%	13%	23%

Performance Measures

Service Efficiency

Operating Expense/Vehicle Revenue Mile	\$4.25	\$7.15	\$3.27
Operating Expense/Vehicle Revenue Hour	\$55.70	\$108.03	\$39.19

Cost Effectiveness

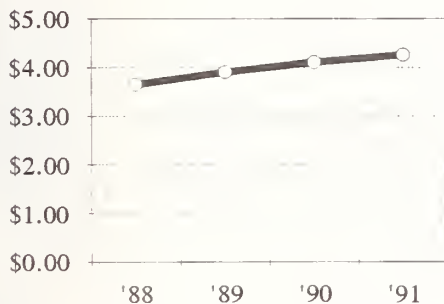
Operating Expense/Passenger Mile	\$0.45	\$0.25	\$1.45
Operating Expense/Unlinked Passenger Trip	\$1.55	\$1.44	\$13.58

Service Effectiveness

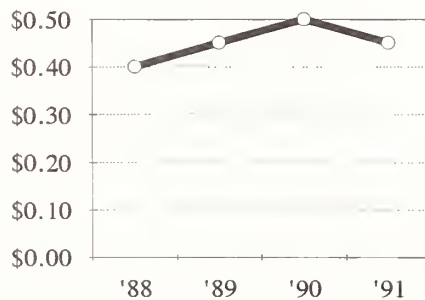
Unlinked Passenger Trips/Vehicle Revenue Mile	2.75	4.96	0.24
Unlinked Passenger Trips/Vehicle Revenue Hour	36.05	74.94	2.89

Motor Bus

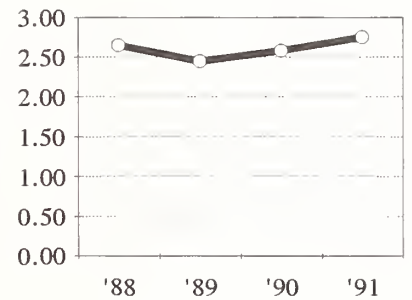
Operating Expense Per Vehicle Revenue Mile



Operating Expense Per Passenger Mile

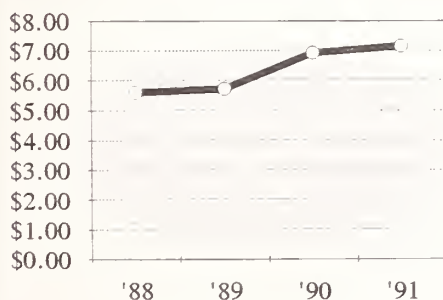


Passenger Trips Per Vehicle Revenue Mile

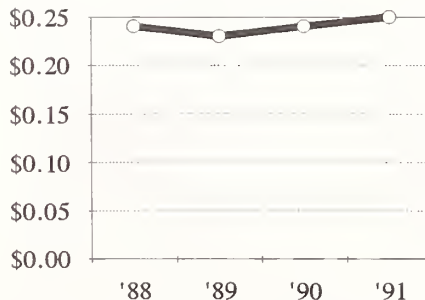


Light Rail

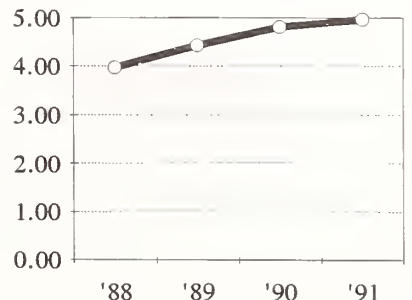
Operating Expense Per Vehicle Revenue Mile



Operating Expense Per Passenger Mile



Passenger Trips Per Vehicle Revenue Mile



Source: 1991 Section 15 Annual Report

Alameda-Contra Costa Transit District (AC Transit)

1600 Franklin Street
Oakland, CA 94612
(510)891-7255

Chief Executive Officer: Sharon D. Banks,
General Manager

Section 15 ID Number: 9014

General Information (System Wide)

Urbanized Area (UZA) Statistics - 1990 Census

San Francisco--Oakland, CA	
Square Miles	874
Population	3,629,516
Population Ranking Out of 405 UZA's	6

Service Area Statistics

Square Miles	241
Population	1,086,254

Service Consumption

Annual Passenger Miles	283,727,194
Annual Unlinked Trips	65,486,049
Average Weekday Unlinked Trips	220,688
Average Saturday Unlinked Trips	86,594
Average Sunday Unlinked Trips	85,816

Service Supplied

Annual Vehicle Revenue Miles	22,771,500
Annual Vehicle Revenue Hours	1,758,329
Total Fleet	745
Vehicles Operated in Maximum Service	615
Base Period Requirement	301

Vehicles Operated in Maximum Service

	Directly Operated	Purchased Transportation
Motor Bus	611	4

Financial Information (System Wide)

Sources of Operating Funds

Passenger Fares	\$38,027,162
Local Assistance	89,643,625
State Assistance	2,032,655
Federal Assistance	6,812,106
Other Revenues	3,451,810
Total Operating Funds	(1991) \$139,967,358
	(1990) \$127,654,249
	(1989) \$120,191,137

Summary of Operating Expenses

Salaries/Wages/Benefits	\$96,674,260
Materials & Supplies	19,028,804
Purchased Transportation	475,474
Other Expenses	14,742,234
Total Operating Expenses	(1991) \$130,920,772
	(1990) \$124,142,988
	(1989) \$119,877,911

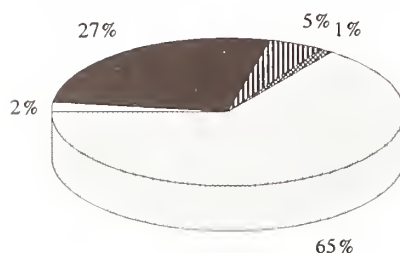
Sources of Capital Funds Expended

Local Assistance	\$1,363,094
State Assistance	2,827,743
Federal Assistance	10,499,784
Total Capital Funds Expended	(1991) \$14,690,621
	(1990) \$4,562,020
	(1989) \$34,581,126

Uses of Capital Funds

Bus	\$14,690,621
Existing Fixed Guideway Segments	0
New Fixed Guideway Segments	0
Total Uses of Capital Funds	(1991) \$14,690,621

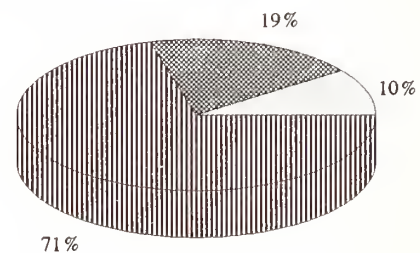
Sources of Operating Funds



Legend

Fares	
Federal	
State	
Local	
Other	

Sources of Capital Funds Expended



Alameda-Contra Costa Transit District (AC Transit)

Characteristics

	Motor Bus
Operating Expense	\$130,920,772
Annual Passenger Miles	283,727,194
Annual Vehicle Revenue Miles	22,771,500
Annual Unlinked Trips	65,486,049
Average Weekday Unlinked Trips	220,688
Annual Vehicle Revenue Hours	1,758,329
Fixed Guideway Directional Route Miles	1.1
Total Fleet	745
Average Fleet Age in Years	7.6
Vehicles Operated in Maximum Service	615
Peak to Base Ratio	1.9
Spare Ratio	21%

Performance Measures

Service Efficiency

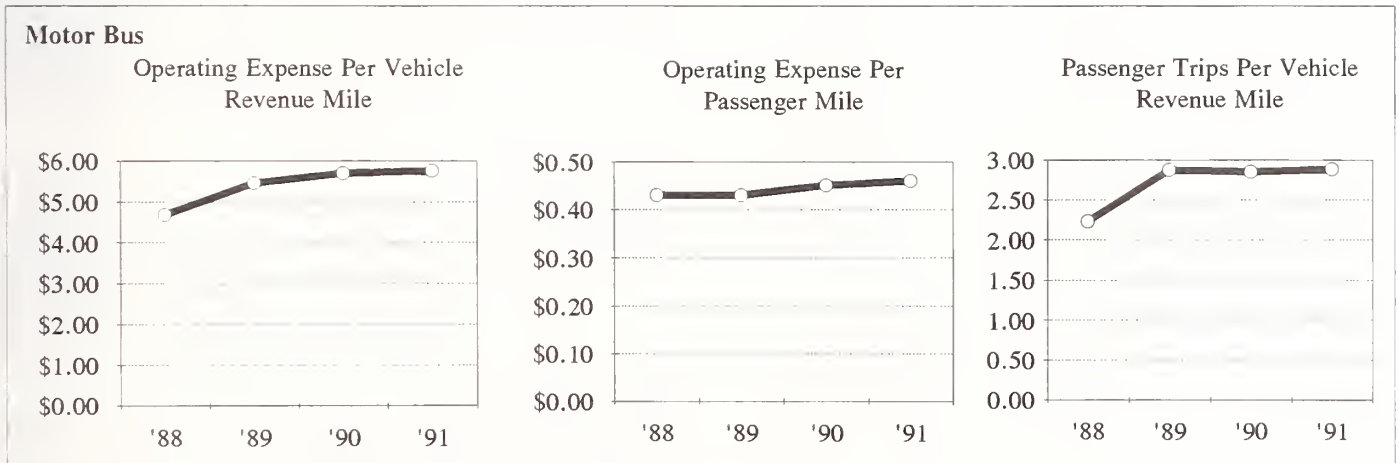
Operating Expense/Vehicle Revenue Mile	\$5.75
Operating Expense/Vehicle Revenue Hour	\$74.46

Cost Effectiveness

Operating Expense/Passenger Mile	\$0.46
Operating Expense/Unlinked Passenger Trip	\$2.00

Service Effectiveness

Unlinked Passenger Trips/Vehicle Revenue Mile	2.88
Unlinked Passenger Trips/Vehicle Revenue Hour	37.24



San Francisco-Bay Area Rapid Transit District (BART)

800 Madison Street
Oakland, CA 94604-2688
(510)464-6929

Chief Executive Officer: Frank J. Wilson,
General Manager

Section 15 ID Number: 9003

General Information (System Wide)

Urbanized Area (UZA) Statistics - 1990 Census San Francisco--Oakland, CA

Square Miles	874
Population	3,629,516
Population Ranking Out of 405 UZA's	6

Service Area Statistics

Square Miles	964
Population	2,415,397

Service Consumption

Annual Passenger Miles	918,235,377
Annual Unlinked Trips	78,159,967
Average Weekday Unlinked Trips	268,333
Average Saturday Unlinked Trips	108,423
Average Sunday Unlinked Trips	70,905

Service Supplied

Annual Vehicle Revenue Miles	41,669,448
Annual Vehicle Revenue Hours	1,344,927
Total Fleet	634
Vehicles Operated in Maximum Service	431
Base Period Requirement	179

Vehicles Operated in Maximum Service

	Directly Operated	Purchased Transportation
Motor Bus	0	35
Heavy Rail	396	0

Financial Information (System Wide)

Sources of Operating Funds

Passenger Fares	\$98,527,042
Local Assistance	119,797,421
State Assistance	230,964
Federal Assistance	0
Other Revenues	8,210,791
Total Operating Funds	(1991) \$226,766,218
	(1990) \$221,990,937
	(1989) \$168,133,340

Summary of Operating Expenses

Salaries/Wages/Benefits	\$152,747,847
Materials & Supplies	11,034,416
Purchased Transportation	6,288,735
Other Expenses	36,501,887
Total Operating Expenses	(1991) \$206,572,885
	(1990) \$192,982,856
	(1989) \$168,113,340

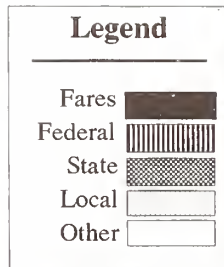
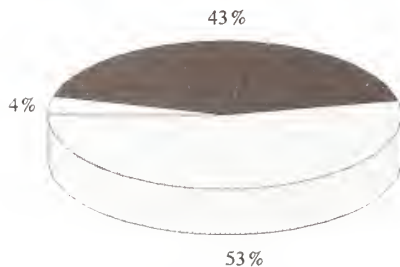
Sources of Capital Funds Expended

Local Assistance	\$83,114,335
State Assistance	21,051,097
Federal Assistance	21,446,222
Total Capital Funds Expended	(1991) \$125,611,654
	(1990) \$155,011,994
	(1989) \$176,489,991

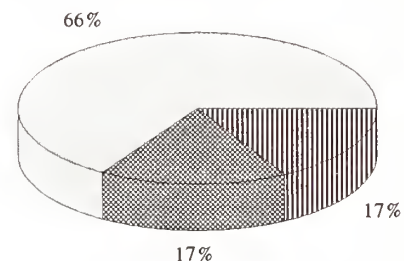
Uses of Capital Funds

Bus	\$0
Existing Fixed Guideway Segments	85,870,587
New Fixed Guideway Segments	39,741,067
Total Uses of Capital Funds	(1991) \$125,611,654

Sources of Operating Funds



Sources of Capital Funds Expended



San Francisco-Bay Area Rapid Transit District (BART)

Characteristics

	Motor Bus	Heavy Rail
Operating Expense	\$6,288,735	\$200,284,150
Annual Passenger Miles	20,448,870	897,786,507
Annual Vehicle Revenue Miles	2,476,439	39,193,009
Annual Unlinked Trips	2,061,378	76,098,589
Average Weekday Unlinked Trips	6,681	261,652
Annual Vehicle Revenue Hours	122,437	1,222,490
Fixed Guideway Directional Route Miles	0.0	142.0
Total Fleet	45	589
Average Fleet Age in Years	3.0	13.7
Vehicles Operated in Maximum Service	35	396
Peak to Base Ratio	2.2	2.4
Spare Ratio	29%	49%

Performance Measures

Service Efficiency

Operating Expense/Vehicle Revenue Mile	\$2.54	\$5.11
Operating Expense/Vehicle Revenue Hour	\$51.36	\$163.83

Cost Effectiveness

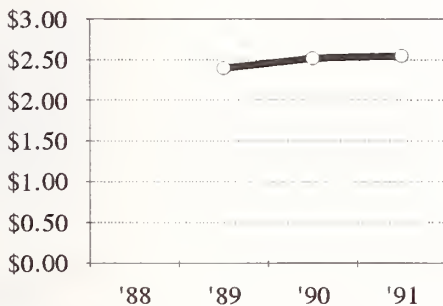
Operating Expense/Passenger Mile	\$0.31	\$0.22
Operating Expense/Unlinked Passenger Trip	\$3.05	\$2.63

Service Effectiveness

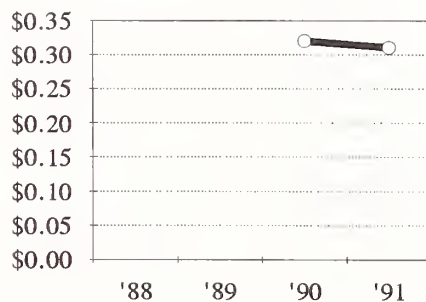
Unlinked Passenger Trips/Vehicle Revenue Mile	0.83	1.94
Unlinked Passenger Trips/Vehicle Revenue Hour	16.84	62.25

Motor Bus

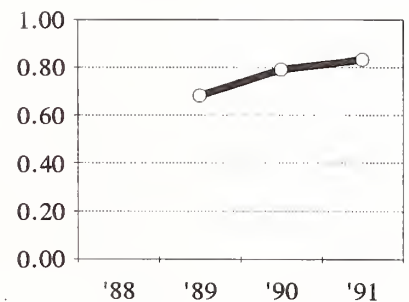
Operating Expense Per Vehicle Revenue Mile



Operating Expense Per Passenger Mile

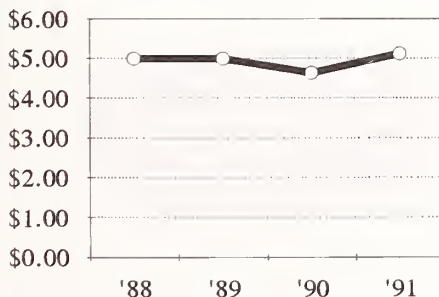


Passenger Trips Per Vehicle Revenue Mile

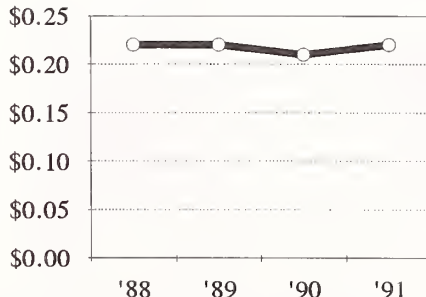


Heavy Rail

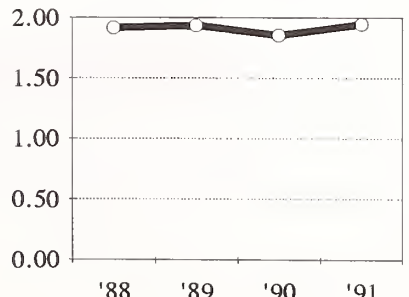
Operating Expense Per Vehicle Revenue Mile



Operating Expense Per Passenger Mile



Passenger Trips Per Vehicle Revenue Mile



Source: 1991 Section 15 Annual Report

San Francisco Municipal Railway (Muni)

949 Presidio
San Francisco, CA 94120
(415)923-2533

Chief Executive Officer: Thomas J. Elzey,
General Manager

Section 15 ID Number: 9015

General Information (System Wide)

Urbanized Area (UZA) Statistics - 1990 Census

San Francisco--Oakland, CA

Square Miles	874
Population	3,629,516
Population Ranking Out of 405 UZA's	6

Service Area Statistics

Square Miles	45
Population	675,039

Service Consumption

Annual Passenger Miles	457,644,730
Annual Unlinked Trips	239,339,999
Average Weekday Unlinked Trips	772,742
Average Saturday Unlinked Trips	464,284
Average Sunday Unlinked Trips	325,745

Service Supplied

Annual Vehicle Revenue Miles	26,708,881
Annual Vehicle Revenue Hours	3,067,908
Total Fleet	1,095
Vehicles Operated in Maximum Service	859
Base Period Requirement	598

Vehicles Operated in Maximum Service

	Directly Operated	Purchased Transportation
Motor Bus	380	0
Trolleybus	265	0
Light Rail	101	0
Demand Response	0	87
Cable Car	26	0

Financial Information (System Wide)

Sources of Operating Funds

Passenger Fares	\$79,820,000
Local Assistance	145,686,000
State Assistance	26,817,000
Federal Assistance	7,818,000
Other Revenues	18,403,000
Total Operating Funds	(1991) \$278,544,000
	(1990) \$258,741,000
	(1989) \$251,334,000

Summary of Operating Expenses

Salaries/Wages/Benefits	\$203,848,033
Materials & Supplies	16,723,140
Purchased Transportation	5,375,784
Other Expenses	34,429,239
Total Operating Expenses	(1991) \$260,376,196
	(1990) \$243,176,638
	(1989) \$236,668,680

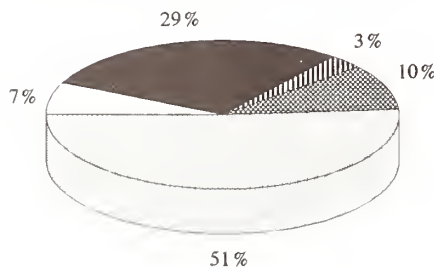
Sources of Capital Funds Expended

Local Assistance	\$0
State Assistance	9,452,000
Federal Assistance	35,256,000
Total Capital Funds Expended	(1991) \$44,708,000
	(1990) \$46,116,000
	(1989) \$48,573,000

Uses of Capital Funds

Bus	\$15,417,000
Existing Fixed Guideway Segments	29,291,000
New Fixed Guideway Segments	0
Total Uses of Capital Funds	(1991) \$44,708,000

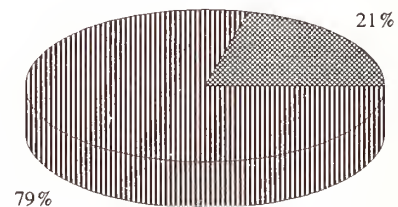
Sources of Operating Funds



Legend

Fares	
Federal	
State	
Local	
Other	

Sources of Capital Funds Expended



San Francisco Municipal Railway (Muni)

Characteristics

	Motor Bus	Trolleybus	Light Rail	Cable Car
Operating Expense	\$111,626,216	\$63,252,872	\$61,712,570	\$18,408,754
Annual Passenger Miles	212,488,468	120,912,030	109,238,268	12,167,086
Annual Vehicle Revenue Miles	13,051,953	7,336,926	4,130,229	578,917
Annual Unlinked Trips	101,229,495	87,018,324	40,043,628	10,641,967
Average Weekday Unlinked Trips	331,075	275,315	134,346	30,478
Annual Vehicle Revenue Hours	1,397,348	997,328	389,010	134,458
Fixed Guideway Directional Route Miles	8.5	119.8	49.7	8.8
Total Fleet	500	343	128	37
Average Fleet Age in Years	6.9	15.0	16.9	88.9
Vehicles Operated in Maximum Service	380	265	101	26
Peak to Base Ratio	1.6	1.5	1.6	1.0
Spare Ratio	32%	29%	27%	42%

Performance Measures

Service Efficiency

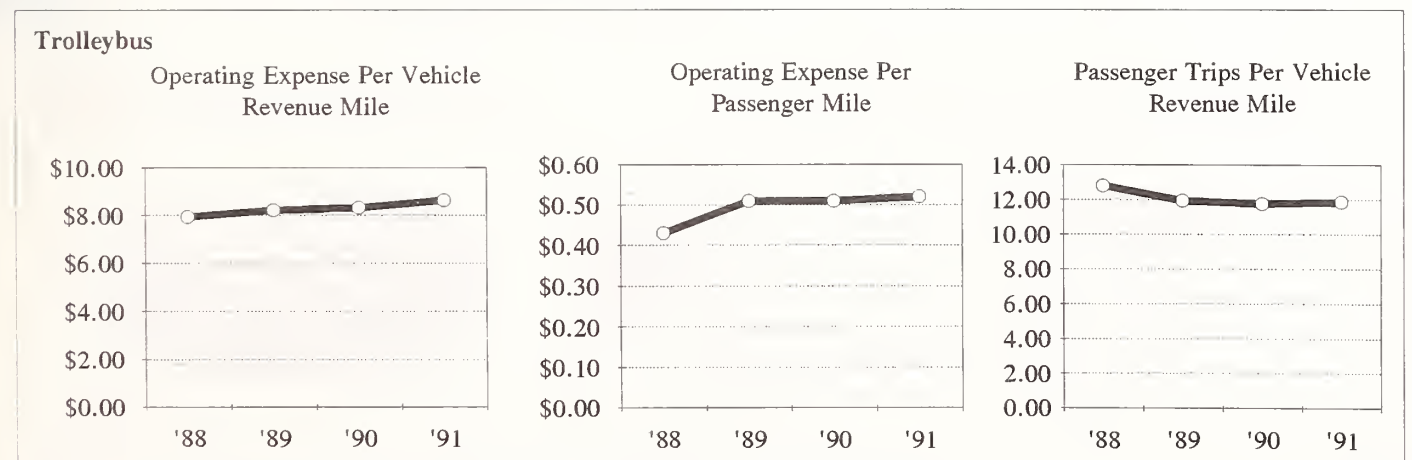
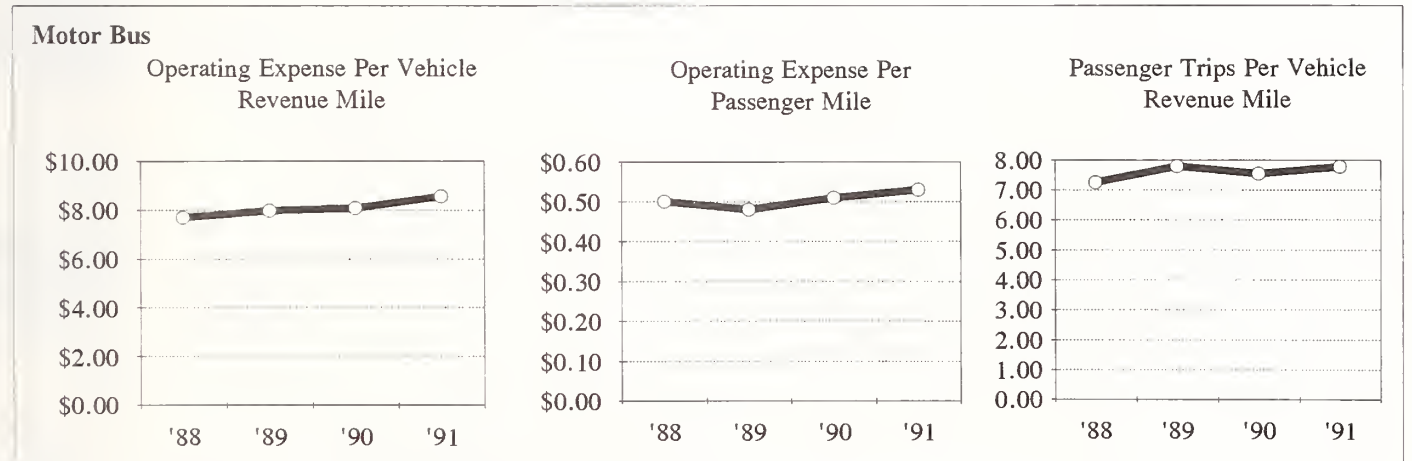
Operating Expense/Vehicle Revenue Mile	\$8.55	\$8.62	\$14.94	\$31.80
Operating Expense/Vehicle Revenue Hour	\$79.88	\$63.42	\$158.64	\$136.91

Cost Effectiveness

Operating Expense/Passenger Mile	\$0.53	\$0.52	\$0.56	\$1.51
Operating Expense/Unlinked Passenger Trip	\$1.10	\$0.73	\$1.54	\$1.73

Service Effectiveness

Unlinked Passenger Trips/Vehicle Revenue Mile	7.76	11.86	9.70	18.38
Unlinked Passenger Trips/Vehicle Revenue Hour	72.44	87.25	102.94	79.15



Source: 1991 Section 15 Annual Report

Santa Clara County Transit District (SCCTD)

1555 Berger Drive, Building 2
San Jose, CA 95112
(408)321-5634

Chief Executive Officer: Lawrence G. Reuter,
Director

Section 15 ID Number: 9013

General Information (System Wide)

Urbanized Area (UZA) Statistics - 1990 Census

San Jose, CA	
Square Miles	338
Population	1,435,019
Population Ranking Out of 405 UZA's	23

Service Area Statistics

Square Miles	300
Population	1,136,614

Service Consumption

Annual Passenger Miles	206,645,302
Annual Unlinked Trips	50,082,860
Average Weekday Unlinked Trips	155,289
Average Saturday Unlinked Trips	151,418
Average Sunday Unlinked Trips	46,882

Service Supplied

Annual Vehicle Revenue Miles	21,012,403
Annual Vehicle Revenue Hours	1,507,926
Total Fleet	597
Vehicles Operated in Maximum Service	456
Base Period Requirement	283

Vehicles Operated in Maximum Service

	Directly Operated	Purchased Transportation
Motor Bus	422	0
Light Rail	34	0

Financial Information (System Wide)

Sources of Operating Funds

Passenger Fares		\$15,623,163
Local Assistance		139,739,260
State Assistance		540,496
Federal Assistance		6,523,957
Other Revenues		13,022,741
Total Operating Funds	(1991)	\$175,449,617
	(1990)	\$168,972,153
	(1989)	\$133,821,168

Summary of Operating Expenses

Salaries/Wages/Benefits		\$106,461,076
Materials & Supplies		14,959,528
Purchased Transportation		4,032,372
Other Expenses		21,119,431
Total Operating Expenses	(1991)	\$146,572,407
	(1990)	\$126,109,686
	(1989)	\$115,811,616

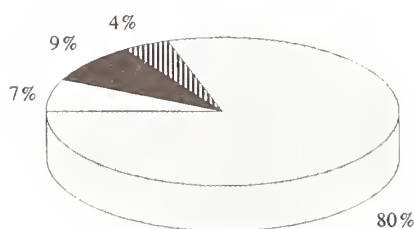
Sources of Capital Funds Expended

Local Assistance		\$17,427,502
State Assistance		0
Federal Assistance		42,422,604
Total Capital Funds Expended	(1991)	\$59,850,106
	(1990)	\$47,489,314
	(1989)	\$50,944,735

Uses of Capital Funds

Bus		\$7,270,181
Existing Fixed Guideway Segments		0
New Fixed Guideway Segments		52,579,925
Total Uses of Capital Funds	(1991)	\$59,850,106

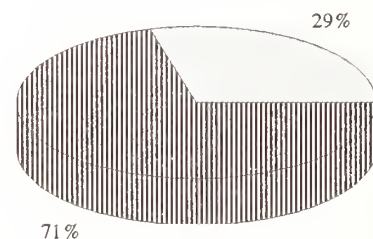
Sources of Operating Funds



Legend

Fares	
Federal	
State	
Local	
Other	

Sources of Capital Funds Expended



Santa Clara County Transit District (SCCTD)

Characteristics

	Motor Bus	Light Rail
Operating Expense	\$127,719,741	\$14,820,294
Annual Passenger Miles	191,953,345	14,691,957
Annual Vehicle Revenue Miles	20,031,817	980,586
Annual Unlinked Trips	46,101,615	3,981,245
Average Weekday Unlinked Trips	142,492	12,797
Annual Vehicle Revenue Hours	1,431,382	76,544
Fixed Guideway Directional Route Miles	94.2	39.0
Total Fleet	542	55
Average Fleet Age in Years	7.4	10.7
Vehicles Operated in Maximum Service	422	34
Peak to Base Ratio	1.6	1.1
Spare Ratio	28%	62%

Performance Measures

Service Efficiency

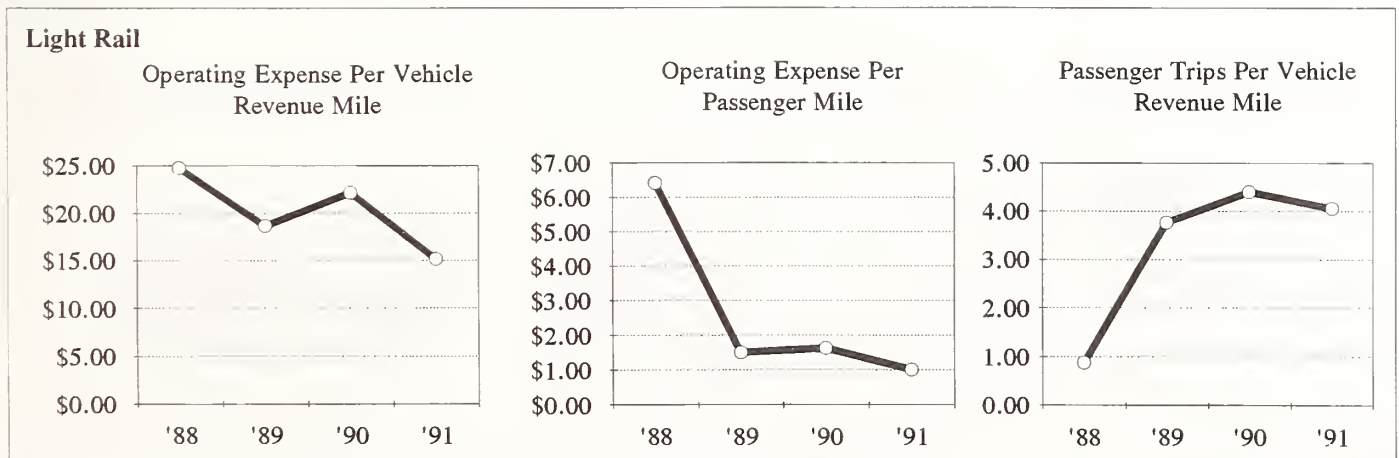
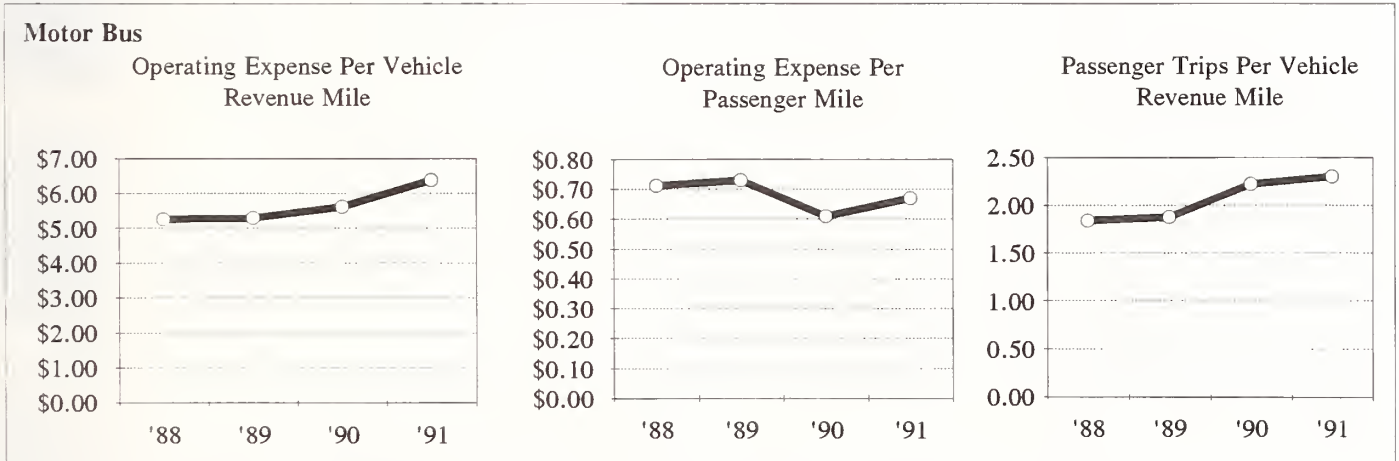
Operating Expense/Vehicle Revenue Mile	\$6.38	\$15.11
Operating Expense/Vehicle Revenue Hour	\$89.23	\$193.62

Cost Effectiveness

Operating Expense/Passenger Mile	\$0.67	\$1.01
Operating Expense/Unlinked Passenger Trip	\$2.77	\$3.72

Service Effectiveness

Unlinked Passenger Trips/Vehicle Revenue Mile	2.30	4.06
Unlinked Passenger Trips/Vehicle Revenue Hour	32.21	52.01



Source: 1991 Section 15 Annual Report

Municipality of Metropolitan Seattle (Metro)

821 Second Avenue (M/S-74)
Seattle, WA 98104
(206)684-1113

Chief Executive Officer: Richard K. Sandaas,
Executive Director

Section 15 ID Number: 0001

General Information (System Wide)

Urbanized Area (UZA) Statistics - 1990 Census Seattle, WA

Square Miles	588
Population	1,744,086
Population Ranking Out of 405 UZA's	18
Other UZA's Served:	18

Service Area Statistics

Square Miles	3,913
Population	2,473,740

Service Consumption

Annual Passenger Miles	448,417,959
Annual Unlinked Trips	80,089,274
Average Weekday Unlinked Trips	271,759
Average Saturday Unlinked Trips	120,559
Average Sunday Unlinked Trips	86,192

Service Supplied

Annual Vehicle Revenue Miles	35,294,171
Annual Vehicle Revenue Hours	2,004,806
Total Fleet	2,086
Vehicles Operated in Maximum Service	1,670
Base Period Requirement	938

Vehicles Operated in Maximum Service

	Directly Operated	Purchased Transportation
Motor Bus	840	23
Vanpool	488	0
Demand Response	0	208
Trolleybus	107	0
Light Rail	4	0

Financial Information (System Wide)

Sources of Operating Funds

Passenger Fares	\$44,456,721
Local Assistance	201,604,828
State Assistance	352,003
Federal Assistance	5,798,853
Other Revenues	11,817,633
Total Operating Funds	(1991) \$264,030,038
	(1990) \$257,158,281
	(1989) \$234,228,210

Summary of Operating Expenses

Salaries/Wages/Benefits	\$141,837,238
Materials & Supplies	25,696,509
Purchased Transportation	4,952,315
Other Expenses	16,139,411
Total Operating Expenses	(1991) \$188,625,473
	(1990) \$169,545,105
	(1989) \$153,384,767

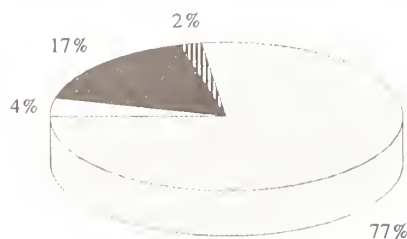
Sources of Capital Funds Expended

Local Assistance	\$83,832,050
State Assistance	4,617,346
Federal Assistance	18,810,516
Total Capital Funds Expended	(1991) \$107,259,912
	(1990) \$112,595,820
	(1989) \$97,219,149

Uses of Capital Funds

Bus	\$73,844,820
Existing Fixed Guideway Segments	23,996,090
New Fixed Guideway Segments	9,419,002
Total Uses of Capital Funds	(1991) \$107,259,912

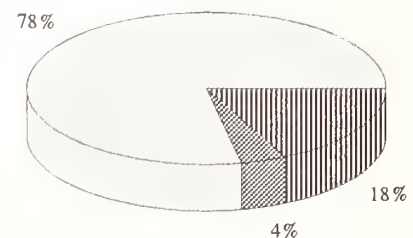
Sources of Operating Funds



Legend

Fares	
Federal	
State	
Local	
Other	

Sources of Capital Funds Expended



Municipality of Metropolitan Seattle (Metro)

Characteristics

	Motor Bus	Trolleybus	Vanpool	Demand Response
Operating Expense	\$153,090,999	\$27,329,379	\$4,152,836	\$2,911,154
Annual Passenger Miles	367,545,937	41,582,013	36,660,421	2,437,474
Annual Vehicle Revenue Miles	25,807,479	3,038,420	4,715,555	1,683,877
Annual Unlinked Trips	57,349,250	20,908,736	1,354,019	299,418
Average Weekday Unlinked Trips	196,483	68,530	5,330	1,082
Annual Vehicle Revenue Hours	1,518,349	336,854	138,372	0
Fixed Guideway Directional Route Miles	57.4	112.6	0.0	0.0
Total Fleet	1,216	155	491	220
Average Fleet Age in Years	10.8	4.4	2.3	4.3
Vehicles Operated in Maximum Service	863	107	488	208
Peak to Base Ratio	1.5	1.2	N/A	N/A
Spare Ratio	41%	45%	1%	6%

Performance Measures

Service Efficiency

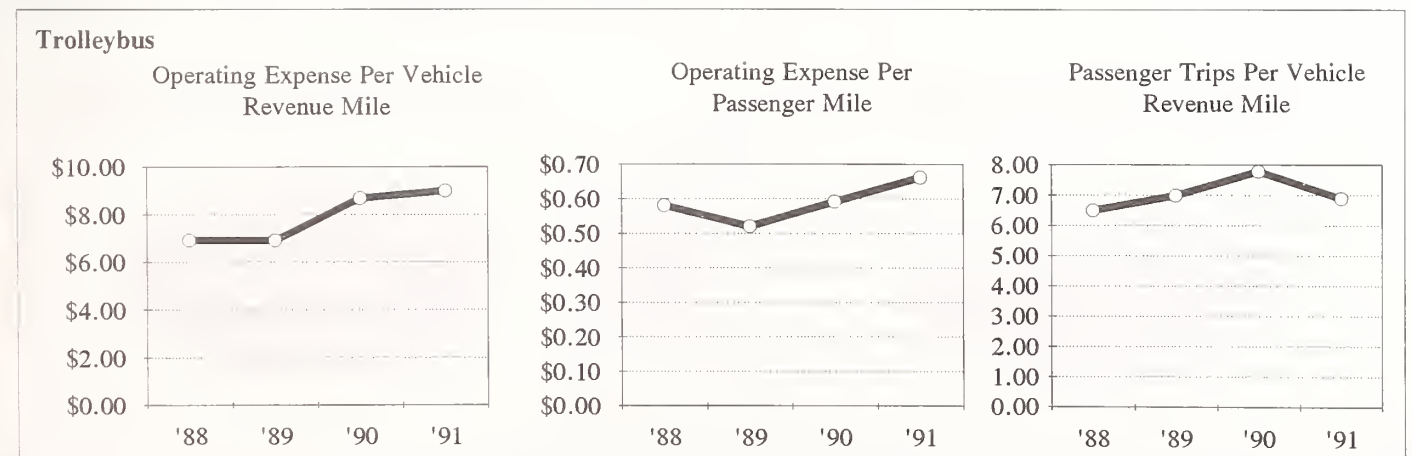
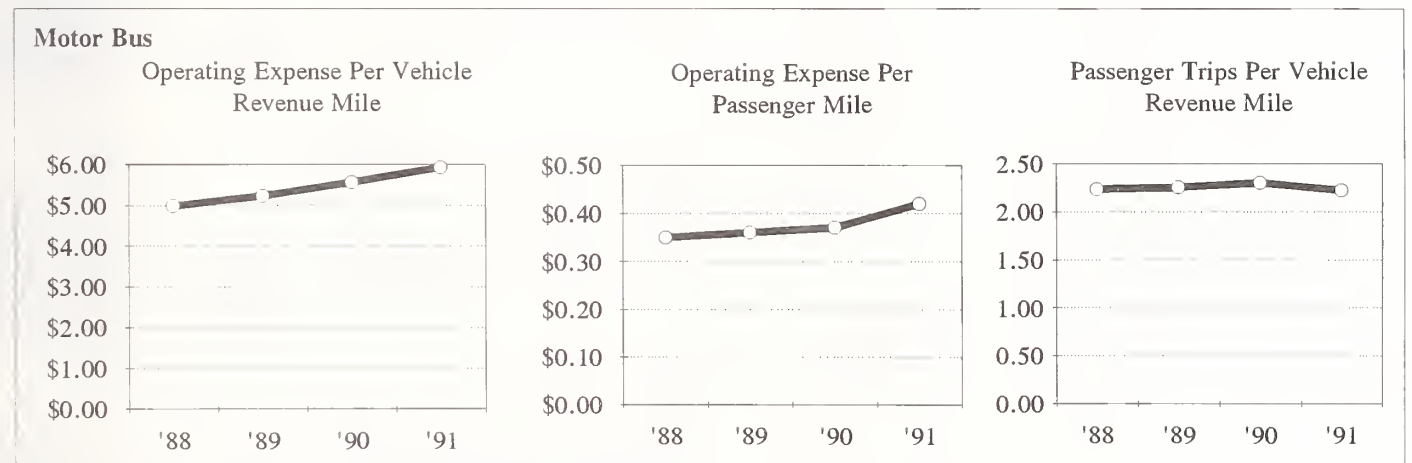
Operating Expense/Vehicle Revenue Mile	\$5.93	\$8.99	\$0.88	\$1.73
Operating Expense/Vehicle Revenue Hour	\$100.83	\$81.13	\$30.01	\$0.00

Cost Effectiveness

Operating Expense/Passenger Mile	\$0.42	\$0.66	\$0.11	\$1.19
Operating Expense/Unlinked Passenger Trip	\$2.67	\$1.31	\$3.07	\$9.72

Service Effectiveness

Unlinked Passenger Trips/Vehicle Revenue Mile	2.22	6.88	0.29	0.18
Unlinked Passenger Trips/Vehicle Revenue Hour	37.77	62.07	9.79	0.00



Source: 1991 Section 15 Annual Report

Washington State Department of Transportation (WSDOT)

801 Alaskan Way, Pier 52
Seattle, WA 98104
(206)464-6220

Chief Executive Officer: Thomas F. Heinan,
Assistant Secretary, Marine Transportation

Section 15 ID Number: 0035

General Information (System Wide)

Urbanized Area (UZA) Statistics - 1990 Census Seattle, WA

Square Miles	588
Population	1,744,086
Population Ranking Out of 405 UZA's	18
Other UZA's Served:	60

Service Area Statistics

Square Miles	3,913
Population	2,473,740

Service Consumption

Annual Passenger Miles	107,484,145
Annual Unlinked Trips	12,494,484
Average Weekday Unlinked Trips	32,511
Average Saturday Unlinked Trips	34,880
Average Sunday Unlinked Trips	42,220

Service Supplied

Annual Vehicle Revenue Miles	881,983
Annual Vehicle Revenue Hours	120,104
Total Fleet	23
Vehicles Operated in Maximum Service	21
Base Period Requirement	16

Vehicles Operated in Maximum Service

	Directly Operated	Purchased Transportation
Ferry Boat	21	0

Financial Information (System Wide)

Sources of Operating Funds

Passenger Fares		\$15,459,493
Local Assistance		0
State Assistance		25,704,469
Federal Assistance		0
Other Revenues		51,690,351
Total Operating Funds	(1991)	\$92,854,313
	(1990)	\$85,308,308
	(1989)	\$77,819,199

Summary of Operating Expenses

Salaries/Wages/Benefits		\$61,550,691
Materials & Supplies		20,563,849
Purchased Transportation		0
Other Expenses		10,739,773
Total Operating Expenses	(1991)	\$92,854,313
	(1990)	\$85,308,308
	(1989)	\$77,819,199

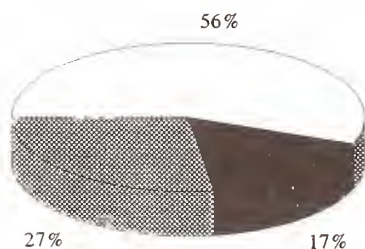
Sources of Capital Funds Expended

Local Assistance		\$0
State Assistance		49,970,680
Federal Assistance		1,170,128
Total Capital Funds Expended	(1991)	\$51,140,808
	(1990)	\$48,353,421
	(1989)	\$46,488,603

Uses of Capital Funds

Bus		\$0
Existing Fixed Guideway Segments		64,110,871
New Fixed Guideway Segments		0
Total Uses of Capital Funds	(1991)	\$64,110,871

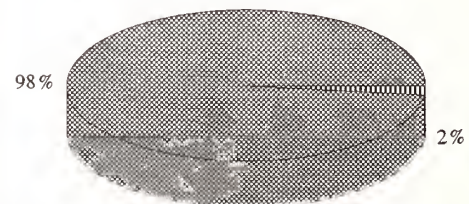
Sources of Operating Funds



Legend

Fares	
Federal	
State	
Local	
Other	

Sources of Capital Funds Expended



Washington State Department of Transportation (WSDOT)

Characteristics

	Ferry Boat
Operating Expense	\$92,854,313
Annual Passenger Miles	107,484,145
Annual Vehicle Revenue Miles	881,983
Annual Unlinked Trips	12,494,484
Average Weekday Unlinked Trips	32,511
Annual Vehicle Revenue Hours	120,104
Fixed Guideway Directional Route Miles	245.8
Total Fleet	23
Average Fleet Age in Years	26.8
Vehicles Operated in Maximum Service	21
Peak to Base Ratio	1.2
Spare Ratio	10%

Performance Measures

Service Efficiency

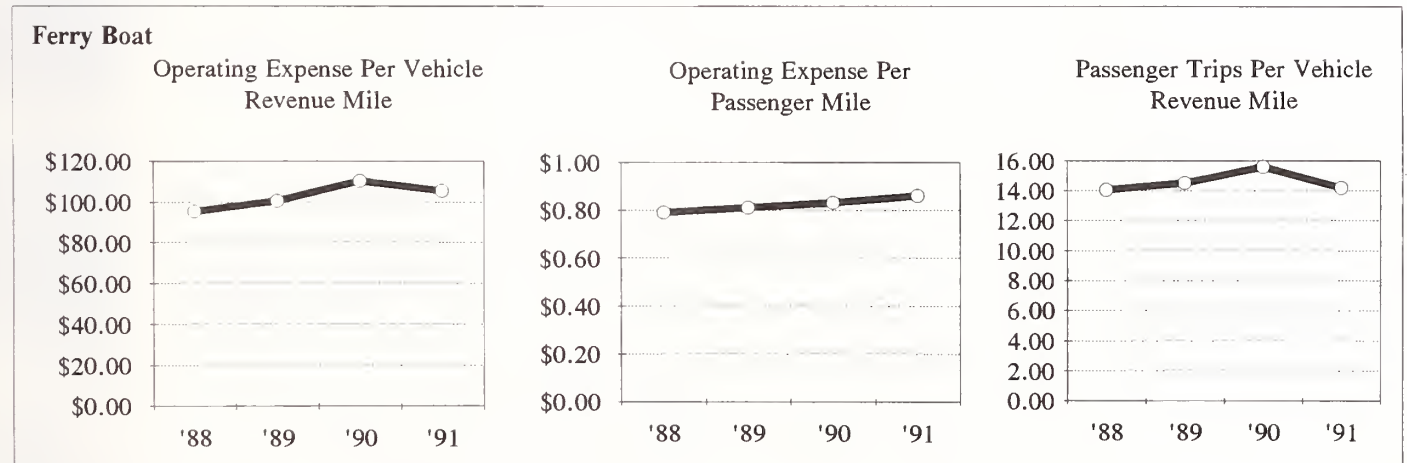
Operating Expense/Vehicle Revenue Mile	\$105.28
Operating Expense/Vehicle Revenue Hour	\$773.12

Cost Effectiveness

Operating Expense/Passenger Mile	\$0.86
Operating Expense/Unlinked Passenger Trip	\$7.43

Service Effectiveness

Unlinked Passenger Trips/Vehicle Revenue Mile	14.17
Unlinked Passenger Trips/Vehicle Revenue Hour	104.03



Washington Metropolitan Area Transit Authority (WMATA)

600 Fifth Street, N.W.
Washington, DC 20001
(202)962-1603

Chief Executive Officer: David Gunn,
General Manager

Section 15 ID Number: 3030

General Information (System Wide)

Urbanized Area (UZA) Statistics - 1990 Census

Washington, DC--MD--VA	
Square Miles	945
Population	3,363,031
Population Ranking Out of 405 UZA's	7

Service Area Statistics

Square Miles	1,486
Population	3,005,757

Service Consumption

Annual Passenger Miles	1,591,831,985
Annual Unlinked Trips	368,092,612
Average Weekday Unlinked Trips	1,276,944
Average Saturday Unlinked Trips	562,772
Average Sunday Unlinked Trips	285,430

Service Supplied

Annual Vehicle Revenue Miles	77,455,255
Annual Vehicle Revenue Hours	5,129,493
Total Fleet	2,322
Vehicles Operated in Maximum Service	1,947
Base Period Requirement	653

Vehicles Operated in Maximum Service

	Directly Operated	Purchased Transportation
Motor Bus	1,441	0
Heavy Rail	506	0

Financial Information (System Wide)

Sources of Operating Funds

Passenger Fares	\$267,697,867
Local Assistance	189,700,757
State Assistance	113,170,766
Federal Assistance	53,449,550
Other Revenues	19,060,646
Total Operating Funds	(1991) \$643,079,586
	(1990) \$595,653,852
	(1989) \$591,078,511

Summary of Operating Expenses

Salaries/Wages/Benefits	\$428,279,996
Materials & Supplies	56,019,873
Purchased Transportation	0
Other Expenses	79,229,272
Total Operating Expenses	(1991) \$563,529,141
	(1990) \$516,127,493
	(1989) \$509,464,324

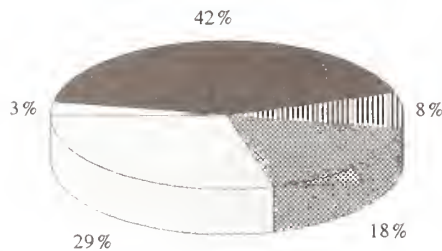
Sources of Capital Funds Expended

Local Assistance	\$56,491,503
State Assistance	14,467,330
Federal Assistance	282,421,443
Total Capital Funds Expended	(1991) \$353,380,276
	(1990) \$348,259,228
	(1989) \$298,519,338

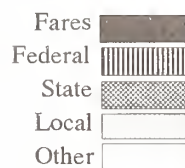
Uses of Capital Funds

Bus	\$25,230,778
Existing Fixed Guideway Segments	10,241,017
New Fixed Guideway Segments	317,908,481
Total Uses of Capital Funds	(1991) \$353,380,276

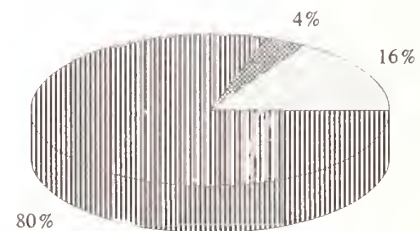
Sources of Operating Funds



Legend



Sources of Capital Funds Expended



Washington Metropolitan Area Transit Authority (WMATA)

Characteristics

	Motor Bus	Heavy Rail
Operating Expense	\$294,629,141	\$268,900,000
Annual Passenger Miles	624,971,888	966,860,097
Annual Vehicle Revenue Miles	41,419,645	36,035,610
Annual Unlinked Trips	179,839,696	188,252,916
Average Weekday Unlinked Trips	617,474	659,470
Annual Vehicle Revenue Hours	3,630,753	1,498,740
Fixed Guideway Directional Route Miles	39.3	156.2
Total Fleet	1,658	664
Average Fleet Age in Years	13.8	9.6
Vehicles Operated in Maximum Service	1,441	506
Peak to Base Ratio	2.9	2.6
Spare Ratio	15%	31%

Performance Measures

Service Efficiency

Operating Expense/Vehicle Revenue Mile	\$7.11	\$7.46
Operating Expense/Vehicle Revenue Hour	\$81.15	\$179.42

Cost Effectiveness

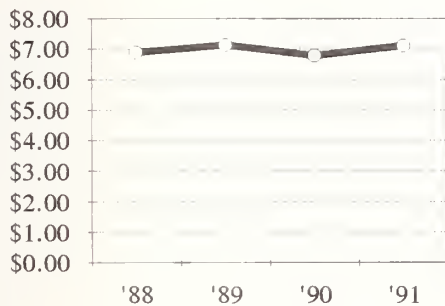
Operating Expense/Passenger Mile	\$0.47	\$0.28
Operating Expense/Unlinked Passenger Trip	\$1.64	\$1.43

Service Effectiveness

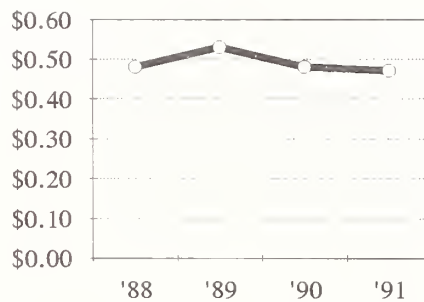
Unlinked Passenger Trips/Vehicle Revenue Mile	4.34	5.22
Unlinked Passenger Trips/Vehicle Revenue Hour	49.53	125.61

Motor Bus

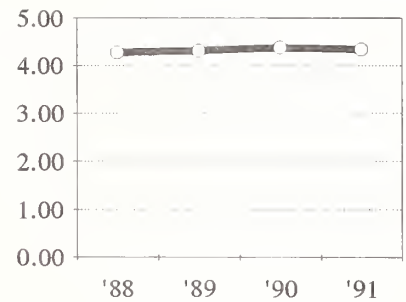
Operating Expense Per Vehicle Revenue Mile



Operating Expense Per Passenger Mile

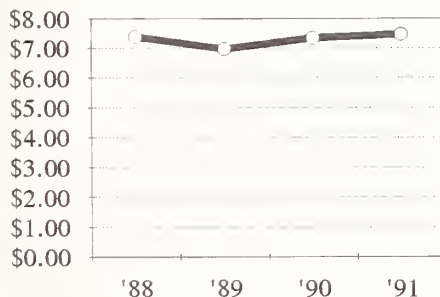


Passenger Trips Per Vehicle Revenue Mile

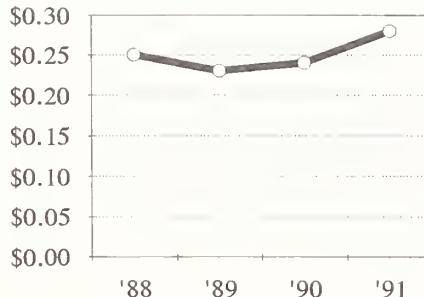


Heavy Rail

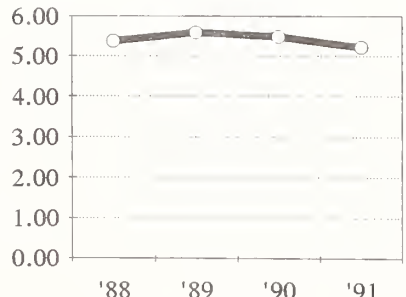
Operating Expense Per Vehicle Revenue Mile



Operating Expense Per Passenger Mile



Passenger Trips Per Vehicle Revenue Mile



Source: 1991 Section 15 Annual Report

**Transit Profiles, The Thirty Largest Agencies
for the 1991 Section 15 Report Year**

**Appendix A
Average of the Thirty Largest Agencies**

Average of the Thirty Largest Agencies For the 1991 Section 15 Report Year

General Information (System Wide)

Service Consumption

Annual Passenger Miles	201,152,746
Annual Unlinked Trips	<u>994,352,305</u>
Average Weekday Unlinked Trips	<u>668,657</u>
Average Saturday Unlinked Trips	<u>336,708</u>
Average Sunday Unlinked Trips	213,308

Service Supplied

Annual Vehicle Revenue Miles	54,129,286
Annual Vehicle Revenue Hours	3,471,967
Total Fleet	<u>1,626</u>
Vehicles Operated in Maximum Service Base Period Requirement	<u>1,308</u> 1,262

Vehicles Operated in Maximum Service

	Directly Operated	Purchased Transportation
Demand Response	26	126
Ferry Boat	13	6
Motorbus	907	168
Trolleybus	113	0
Vanpool	250	0
Automated Guideway	9	0
Cable Car	26	0
Commuter Rail	581	268
Inclined Plane	2	2
Heavy Rail	728	0
Streetcar/Light Rail	67	0

Financial Information (System Wide)

Sources of Operating Funds

Passenger Fares	\$159,521,282
Local Assistance	132,295,370
State Assistance	84,690,894
Federal Assistance	15,772,596
Other Revenues	25,298,494
Total Operating Funds	(1991) <u>\$417,578,636</u>

Summary of Operating Expenses

Salaries/Wages/Benefits	\$283,317,265
Materials & Supplies	32,905,820
Purchased Transportation	22,556,138
Other Expenses	44,891,118
Total Operating Expenses	(1991) <u>\$383,670,341</u>

Sources of Capital Funds Expended

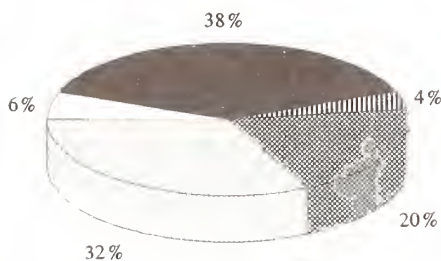
Local Assistance	\$58,646,802
State Assistance	18,157,156
Federal Assistance	67,908,896
Total Capital Funds Expended	(1991) <u>\$144,712,854</u>

Uses of Capital Funds

Bus	\$29,334,510
Existing Fixed Guideway Segments	81,695,828
New Fixed Guideway Segments	34,114,852
Total Uses of Capital Funds	(1991) <u>\$145,145,190</u>

Sources of Operating Funds

(30 Agency Average)

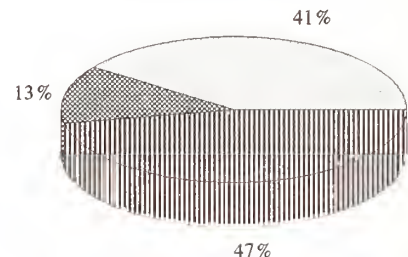


Legend

Fares	
Federal	
State	
Local	
Other	

Sources of Capital Funds Expended

(30 Agency Average)



Average of the Thirty Largest Agencies For the 1991 Section 15 Report Year

Characteristics

	Motorbus	Heavy Rail
Operating Expense	\$199,815,913	\$347,031,269
Annual Passenger Miles	443,140,159	944,384,531
Annual Vehicle Revenue Miles	32,563,533	45,822,314
Annual Unlinked Trips	124,905,866	195,964,907
Average Weekday Unlinked Trips	416,215	658,382
Annual Vehicle Revenue Hours	2,694,663	1,959,938
Fixed Guideway Directional Route Miles	19.0	121.5
Total Fleet	1,122	914
Average Fleet Age in Years	11.0	19.0
Vehicles Operated in Maximum Service	913	728
Peak to Base Ratio	0.1	0.2
Spare Ratio	23%	26%

Performance Measures

Service Efficiency

Operating Expense/Vehicle Revenue Mile	\$6.14	\$7.57
Operating Expense/Vehicle Revenue Hour	\$74.15	\$177.06

Cost Effectiveness

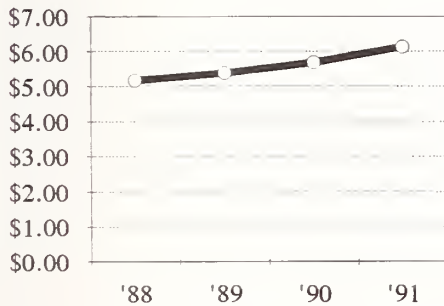
Operating Expense/Passenger Mile	\$0.45	\$0.37
Operating Expense/Unlinked Passenger Trip	\$1.60	\$1.77

Service Effectiveness

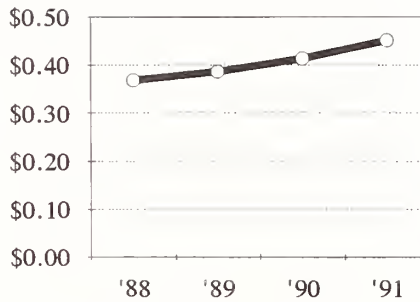
Unlinked Passenger Trips/Vehicle Revenue Mile	3.84	4.28
Unlinked Passenger Trips/Vehicle Revenue Hour	46.35	99.99

Motorbus

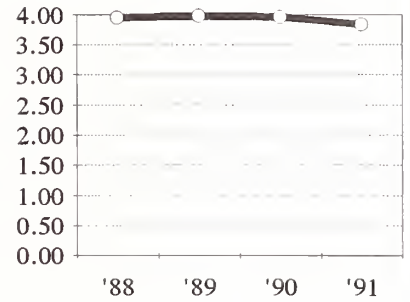
Operating Expense Per Vehicle Revenue Mile



Operating Expense Per Passenger Mile

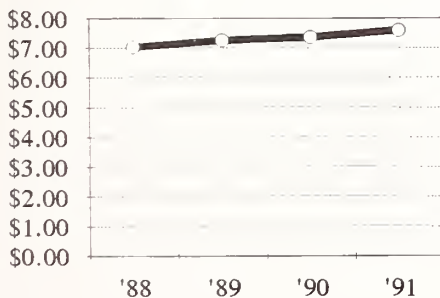


Passenger Trips Per Vehicle Revenue Mile

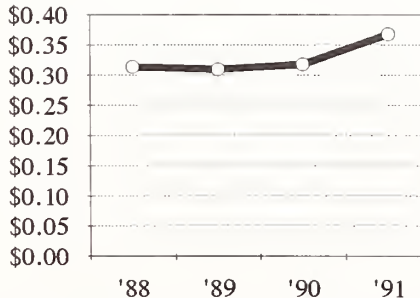


Heavy Rail

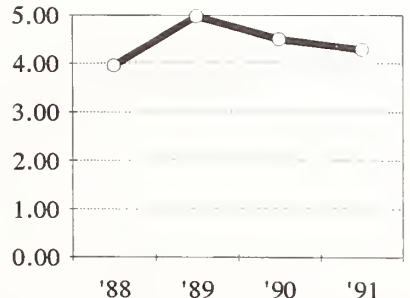
Operating Expense Per Vehicle Revenue Mile



Operating Expense Per Passenger Mile



Passenger Trips Per Vehicle Revenue Mile



Source: 1991 Section 15 Annual Report

**Transit Profiles, The Thirty Largest Agencies
for the 1991 Section 15 Report Year**

**Appendix B
Cross Reference Table
Transit Profile
1991 Report Year
(R (Required) Level Reporter)**

Location of Data Items from Section 15 Reports
for the Transit Profile

Transit Profiles, The Thirty Largest Agencies for the 1991 Section 15 Report Year

System Wide Information (page 1)

(All modes, directly operated service plus purchased service where the purchased transportation provider does not file a separate report.)

Data Item

1. Agency Name, Acronym, Address, Phone, and ID Number

Location in Section 15 Report

Form 001 (Transit System Identification), ID Number.

Data items 1, 2, and 3. Additional information obtained by telephone contact. Some agency names are modified to include geographical reference when names are generic (i.e., Regional Transportation Authority).

2. Chief Executive Officer

Location in Section 15 Report

CEO Certification

3. (1990 Census) Urbanized Area Statistics, Square Miles, Population and Rank, other UZAs served

Location in Section 15 Report

Square miles obtained from the *1990 Section 15 Annual Report*, Metropolitan Planning Organization statement. Population and rank obtained from the Department of Commerce, Bureau of the Census, Qualifying Urbanized Areas for the 1990 Census, *Federal Register*, Volume 57, Number 46, March 9, 1992. Other UZAs served obtained from Form 901 (Section 9 Statistics), ln 01, col e, f and/or g.

4. Service Area Statistics, Square Miles, Population

Location in Section 15 Report

Information obtained by telephone contact from each agency for the 1990 transit profile publications. This information is repeated for 1991 unless new data has been received.

Transit Profiles, The Thirty Largest Agencies for the 1991 Section 15 Report Year

Service Consumption

Data Item

5. Annual Passenger Miles

Location in Section 15 Report

Σ Form 406 (Transit System Service - Non-Rail Modes) In 17, col i +

Σ Form 407 (Transit System Service - Rail Modes) In 18, col i

6. Annual Unlinked Trips

Location in Section 15 Report

Σ Form 406 (Transit System Service - Non-Rail Modes) In 16, col i +

Σ Form 407 (Transit System Service - Rail Modes) In 17, col i

7. Average Weekday Unlinked Trips

Location in Section 15 Report

Σ Form 406 (Transit System Service - Non-Rail Modes) In 16, col f +

Σ Form 407 (Transit System Service - Rail Modes) In 17, col f

8. Average Saturday Unlinked Trips

Location in Section 15 Report

Σ Form 406 (Transit System Service - Non-Rail Modes) In 16, col g +

Σ Form 407 (Transit System Service - Rail Modes) In 17, col g

9. Average Sunday Unlinked Trips

Location in Section 15 Report

Σ Form 406 (Transit System Service - Non-Rail Modes) In 16, col h +

Σ Form 407 (Transit System Service - Rail Modes) In 17, col h

Transit Profiles, The Thirty Largest Agencies for the 1991 Section 15 Report Year

Service Supplied

Data Item

10. Annual Vehicle Revenue Miles

Location in Section 15 Report

Σ Form 406 (Transit System Service - Non-Rail Modes) In 08, col i +

Σ Form 407 (Transit System Service - Rail Modes) In 12, col i

11. Annual Vehicle Revenue Hours

Location in Section 15 Report

Σ Form 406 (Transit System Service - Non-Rail Modes) In 10, col i +

Σ Form 407 (Transit System Service - Rail Modes) In 15, col i

12. Total Fleet

Location in Section 15 Report

Σ Form 406 (Transit System Service - Non-Rail Modes) In 2, col i +

Σ Form 407 (Transit System Service - Rail Modes) In 2, col i

13. Vehicles Operated in Maximum Service

Location in Section 15 Report

Σ Form 406 (Transit System Service - Non-Rail Modes) In 01, col i +

Σ Form 407 (Transit System Service - Rail Modes) In 01, col i

14. Base Period Requirement

Location in Section 15 Report

Σ Form 406 (Transit System Service - Non-Rail Modes) In 05, col c +

Σ Form 407 (Transit System Service - Rail Modes) In 06, col c

Note: If col c = 0, use col f.

Transit Profiles, The Thirty Largest Agencies for the 1991 Section 15 Report Year

Vehicles Operated in Maximum Service

Data Item

15. Modes, Type of Service, and Vehicles

Location in Section 15 Report

Σ Form 406 (Transit System Service - Non-Rail Modes) ln 01, col i (vehicles) +

Σ Form 407 (Transit System Service - Rail Modes) ln 01, col i

Sources of Operating Funds

Data Item

16. Passenger Fares

Location in Section 15 Report

Form 201 (Revenue Summary) Σ (ln 01 and 02, col c) *or*

Form 202 (Revenue Detail) pg 1 Σ (ln 08 and 15, col c)

17. Local Assistance

Location in Section 15 Report

Form 201 (Revenue Summary) Σ (ln 08 through 10, col c) *or*

Form 202 pg 2 (Revenue Detail) Σ (ln 06, 17, and 22, col c)

18. State Assistance

Location in Section 15 Report

Form 201 (Revenue Summary) Σ (ln 11, col c + ln 12, col c) *or*

Form 202 pg 2 (Revenue Detail) (ln 31, col c) + Form 202 pg 3 (Revenue Detail)
ln 06, col c

19. Federal Assistance

Location in Section 15 Report

Form 201 (Revenue Summary) ln 13, col c *or*

Form 202 pg 3 (Revenue Detail) ln 10, col c

**Transit Profiles, The Thirty Largest Agencies
for the 1991 Section 15 Report Year**

20. Other Revenues

Computed

Difference of total operating funds minus Σ (Passengers Fares, Local Assistance, State Assistance, and Federal Assistance)

21. Total Operating Funds (1991, 1990, 1989)

Location in Section 15 Report

Form 201 (Revenue Summary) ln 17, col c *or*

Form 202 pg 3 (Revenue Detail) ln 18, col c

Summary of Operating Expenses

Data Item

22. Salaries/Wages/Benefits

Location in Section 15 Report

Form 301 (Operating Expenses Classified by Function) Σ (ln 01 through 03, col f) *or*

Form 310 pg 1 (Operating Expenses Classified by Function) Σ (ln 01 through 03, col f)

23. Materials & Supplies

Location in Section 15 Report

Form 301 (Operating Expenses Classified by Function) Σ (ln 05 through 07, col f) *or*

Form 310 pg 1 (Operating Expenses Classified by Function) Σ (ln 05 through 07, col f)

24. Purchased Transportation

Location in Section 15 Report

Form 301 (Operating Expenses Classified by Function) ln 11, col f *or*

Form 310 pg 1 (Operating Expenses Classified by Function) ln 11, col f

Transit Profiles, The Thirty Largest Agencies for the 1991 Section 15 Report Year

25. Other Expenses

Location in Section 15 Report

Form 301 (Operating Expenses Classified by Function) Σ (ln 04, 08 through 10, 13, and 14, col f) *or*

Form 310 (Operating Expenses Classified by Function) Σ (ln 04, 08 through 10, 13, and 14, col f)

Note: If a purchased transportation relationship exists ≥ 100 vehicles in annual maximum service and a separate Section 15 is submitted, then Form 301 (Operating Expenses by Function) (ln 15, col f) - (ln 12, col f) or Form 310, pg 1, (Operating Expenses Classified by Function) (ln 15, col f) - (ln 12, col f) is made to prevent duplicative reporting of purchased transportation costs.

26. Total Operating Expenses (Total System Expenses) (1991, 1990, 1989)

Location in Section 15 Report

Form 301 (Operating Expenses Classified by Function) ln 15, col f *or*

Form 310 pg 1 (Operating Expenses Classified by Function) ln 15, col f

Sources of Capital Funds Expended

Data Item

27. Local Assistance

Location in Section 15 Report

Form 103 pg 1 (Capital Funding) Σ (ln 16, col c + d)

28. State Assistance

Location in Section 15 Report

Form 103 pg 1 (Capital Funding) ln 16, col b

29. Federal Assistance

Location in Section 15 Report

Form 103 pg 1 (Capital Funding) ln 07, col d

**Transit Profiles, The Thirty Largest Agencies
for the 1991 Section 15 Report Year**

30. Total Capital Funds Expended (1991, 1990, 1989)

Location in Section 15 Report

Form 103 pg 1 (Capital Funding) ln 07, col d + ln 16 (col b + c + d)

Uses of Capital Funds

31. Bus

Location in Section 15 Report

Form 103 pg 2 (Capital Funding) Σ (ln 01 through 03, col d)

32. Existing Fixed Guideway Systems

Location in Section 15 Report

Form 103 pg 2 (Capital Funding) Σ (ln 04 through 06, col d)

33. New Fixed Guideway Segments

Location in Section 15 Report

Form 103 pg 2 (Capital Funding) Σ (ln 07 through 09, col d)

34. Total Uses of Capital Funds

Location in Section 15 Report

Form 103 pg 2 (Capital Funding) ln 10, col d

Note: Data not reported prior to 1991.

Transit Profiles, The Thirty Largest Agencies for the 1991 Section 15 Report Year

Modal Level Information (page 2)

(Four columns by mode, directly operated service including purchased service where purchased provider does not file separate report.) First column defaults to Motorbus and second column defaults to Heavy Rail modes if they are reported; otherwise, modes are placed into a maximum of four columns in the descending order of their operating expense.

Characteristics

Data Item

35. Operating Expense

Location in Section 15 Report

Form 301 (Operating Expenses Classified by Function) (ln 15, col f) - (ln 12, col f)
or

Form 310 (Operating Expenses Classified by Function) Σ pg 2 through pg 5, ln 99,
"mode" - ln 12, "mode."

Note: Modal information does not include reconciling items and memo items; this data is not reported by mode.

36. Annual Passenger Miles

Location in Section 15 Report

Σ "mode" Form 406 (Transit System Service - Non-Rail Modes) ln 17, col i *or*

Σ "mode" Form 407 (Transit System Service - Rail Modes) ln 18, col i

37. Annual Vehicle Revenue Miles

Location in Section 15 Report

Σ "mode" Form 406 (Transit System Service - Non-Rail Modes) ln 08, col i *or*

Σ "mode" Form 407 (Transit System Service - Rail Modes) ln 12, col i

38. Annual Unlinked Trips

Location in Section 15 Report

Σ "mode" Form 406 (Transit System Service - Non-Rail Modes) ln 16, col i *or*

Σ "mode" Form 407 (Transit System Service - Rail Modes) ln 17, col i

Transit Profiles, The Thirty Largest Agencies for the 1991 Section 15 Report Year

39. Average Weekday Unlinked Trips

Location in Section 15 Report

Σ "mode" Form 406 (Transit System Service - Non-Rail Modes) In 16, col f *or*

Σ "mode" Form 407 (Transit System Service - Rail Modes) In 17, col f

40. Annual Vehicle Revenue Hours

Location in Section 15 Report

Σ "mode" Form 406 (Transit System Service - Non-Rail Modes) In 10, col i *or*

Σ "mode" Form 407 (Transit System Service - Rail Modes) In 15, col i

41. Fixed-Guideway Directional Route Miles (FG)

Mode Code

Location in Section 15 Report

RR	Σ Form 403 (Transit Way Mileage) In 09, col c <i>or</i>
SC	Σ Form 403 (Transit Way Mileage) In 18, col c <i>or</i>
CR	Σ Form 403 (Transit Way Mileage) In 27, col c <i>or</i>
IP	Σ Form 403 (Transit Way Mileage) In 29, col c <i>or</i>
CC	Σ Form 403 (Transit Way Mileage) In 31, col c <i>or</i>
AG	Σ Form 403 (Transit Way Mileage) In 33, col c <i>or</i>
MB	Σ Form 403 (Transit Way Mileage) In 34, col (c+d) <i>or</i>
TB	Σ Form 403 (Transit Way Mileage) In 35, col (c+d) <i>or</i>
FB	Σ Form 403 (Transit Way Mileage) In 36, col (c+d) <i>or</i>
TR	Σ Form 403 (Transit Way Mileage) In 37, col (c) <i>or</i>
OR	Σ Form 403 (Transit Way Mileage) In 38, col (c+d)

Note: Mode Codes - DR, JT, VP assigned zero value.

42. Total Fleet

Location in Section 15 Report

Σ "mode" Form 406 (Transit System Service - Non-Rail Modes) In 02, col i *or*

Σ "mode" Form 407 (Transit System Service - Rail Modes) In 02, col i

43. Average Fleet Age in Years

Location in Section 15 Report

Form 408 (Revenue Vehicle Inventory)

Transit Profiles, The Thirty Largest Agencies for the 1991 Section 15 Report Year

Computed

For lines 01-24 with a vehicle entry,

$$\Sigma[(1991-(\ln^*, \text{col f}) \times (\ln^*, \text{col i})) \div (\ln 25, \text{col i})]$$

This is computed for each mode.

44. Vehicles Operated in Maximum Service

Location in Section 15 Report

Σ "mode" Form 406 (Transit System Service - Non-Rail Modes) In 01, col i *or*

Σ "mode" Form 407 (Transit System Service - Rail Modes) In 01, col i

45. Peak to Base Ratio

Computed

Form 406 (Transit System Service - Non-Rail Modes) In 05, the greater of col b or d \div

Σ "mode" Form 406 (Transit System Service - Non-Rail Modes) In 05, col c *or*

Form 407 (Transit System Service - Rail Modes) In 05, the greater of col b or d \div

Σ "mode" Form 407 (Transit System Service - Rail Modes) In 05, col c

46. Spare Ratio

Computed

Vehicles Operated in Maximum Service (Item 44) \div Total Fleet (Item 42)

Performance Measures

Service Efficiency

Data Item

47. Operating Expense/Vehicle Revenue Mile

Computed

Operating Expense (Item 35) \div Annual Vehicle Revenue Miles (Item 37)

**Transit Profiles, The Thirty Largest Agencies
for the 1991 Section 15 Report Year**

48. Operating Expense/Vehicle Revenue Hour

Computed

Operating Expense (Item 35) ÷ Annual Vehicle Revenue Hours (Item 40)

Cost Effectiveness

Data Item

49. Operating Expense/Passenger Mile

Computed

Operating Expense (Item 35) ÷ Annual Passenger Miles (Item 36)

50. Operating Expense/Unlinked Passenger Trip

Computed

Operating Expense (Item 35) ÷ Annual Unlinked Trips (Item 38)

Service Effectiveness

Data Item

51. Unlinked Passenger Trips/Vehicle Revenue Mile

Computed

Annual Unlinked Trips (Item 38) ÷ Annual Vehicle Revenue Miles (Item 37)

52. Unlinked Passenger Trips/Vehicle Revenue Hour

Computed

Annual Unlinked Trips (Item 38) ÷ Annual Vehicle Revenue Hours (Item 40)

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