

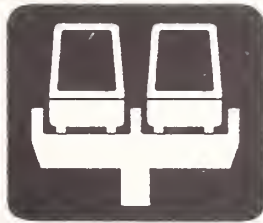
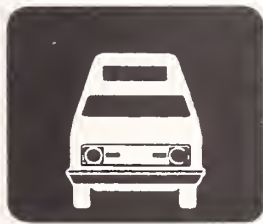


U.S. Department
of Transportation

Urban Mass
Transportation
Administration

Transit Profiles for 30 Large Agencies

For the 1989 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 for
30 Large Agencies**

For the 1989 Section 15 Report Year

March 1, 1991

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Introduction

This report consists of transit profiles for the 30 largest transit agencies based on operating expense and fleet size. Each profile consists of data reporting general, summary, modal, performance, and trend indicators about a particular transit system. The data were either extracted directly from, or derived from Section 15 reports filed by transit operators for the 1989 report year.

The left page of the profile provides system-wide general and financial information. General information includes the size of the urbanized area, service supplied, service consumed, and vehicles operated in maximum service. Financial information lists the sources of operating funds, total operating expenses, and sources of capital funds expended. In addition, there are two pie graphs at the bottom of the page depicting the sources of operating funds and sources of capital funds expended.

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's modes include Motor Bus and Rapid Rail, these appear in columns one and two respectively. Additional information columns, beyond Motor Bus and Rapid Rail, are provided if additional modes are operated. These columns are arranged in descending order of operating expense. Specific financial and service characteristics are listed for each mode. Performance measures for each mode have been derived from individual mode characteristic data. These performance measures indicate service efficiency, cost effectiveness, and service effectiveness for each mode, and can be easily compared to the measures of other transit systems. In addition, line graphs for selected performance measures by mode are provided to indicate trend data for the past three years.

Appendix A provides a compiled average of the 30 largest agencies. Each data item is the average of the 30 transit profiles included in this report. These averages can be used to compare with individual transit system performance.

Appendix B indicates where each data item appearing in this Profile can be located in the Section 15 report filed by individual transit systems. For items that were derived, the formula used to calculate each item is listed.

Additional information can be obtained from the National Urban Mass Transportation Statistics, 1989 Section 15 Annual Report.

Transit Profiles Listed Alphabetically by Urbanized Area

<u>Urbanized Area Name</u>	<u>Transit System Name</u>	<u>Section 15 ID</u>	<u>UZA Code</u>	<u>Page Number</u>
Atlanta	Metropolitan Atlanta Rapid Transit Authority (MARTA)	4022	17	2
Baltimore	Maryland State Department of Transportation/Mass Transit Administration (MTA)	3034	14	4
Boston	Massachusetts Bay Transportation Authority (MBTA)	1003	8	6
Chicago	Chicago Transit Authority (CTA)	5066	3	8
Chicago	Commuter Rail Board (Metra)	5118	3	10
Chicago	Suburban Bus Division of the Regional Transportation Authority	5113	3	12
Cleveland	Greater Cleveland Regional Transit Authority (RTA)	5015	15	14
Dallas - Fort Worth	Dallas Area Rapid Transit (DART)	6056	9	16
Denver	Regional Transit District (RTD)	8006	21	18
Detroit	City of Detroit Department of Transportation (DDOT)	5119	5	20
Houston	Metropolitan Transit Authority of Harris County (METRO)	6008	10	22
Los Angeles - Long Beach	Orange County Transit District (OCTD)	9036	2,39,71	24
Los Angeles - Long Beach	Southern California Rapid Transit District (SCRTD)	9021	2	26
Miami	Metro-Dade County Transit Agency (METRO)	4034	18	28
Minneapolis - St. Paul	Metropolitan Transit Commission (MTC)	5027	13	30
New York (NY-Northeastern NJ)	Long Island Railroad Company (LIRR)	2100	1	32
New York (NY-Northeastern NJ)	Metro-North Commuter Railroad Company (Metro-North)	2078	1,63,73	34
New York (NY-Northeastern NJ)	New Jersey Transit Corporation-Consolidated (NJ Transit)	2080	1,45,65	36
New York (NY-Northeastern NJ)	New York City Transit Authority (NYCTA)	2008	1	38
New York (NY-Northeastern NJ)	Port Authority Trans-Hudson Corporation (PATH)	2098	1	40
Philadelphia	Southeastern Pennsylvania Transportation Authority (SEPTA)	3019	4	42
Pittsburgh	Port Authority of Allegheny County (PAT)	3022	12	44
Portland (OR-WA)	Tri-County Metropolitan District of Oregon (Tri-Met)	0008	27	46
San Francisco - Oakland	Alameda-Contra Costa Transit District (AC Transit)	9014	6	48
San Francisco - Oakland	Bay Area Rapid Transit District (BART)	9003	6	50
San Francisco - Oakland	San Francisco Municipal Railway (Muni)	9015	6	52
San Jose	Santa Clara County Transit District	9013	22	54
Seattle - Everett	Municipality of Metropolitan Seattle and King County (METRO)	0001	20	56
St. Louis (MO-IL)	Bi-State Development Agency (Bi-State)	7006	11	58
Washington, D.C.	Washington Metropolitan Area Transit Authority (Metro)	3030	7	60

Metropolitan Atlanta Rapid Transit Authority (MARTA)

2424 Piedmont Road, N.E.
Atlanta, GA 30324-3324
(404) 848-5056

Chief Executive Officer: Kenneth M. Gregor,
General Manager

Section 15 ID Number: 4022

General Information (System Wide)

Urbanized Area (UZA) Statistics - 1980 Census Atlanta, GA

Square Miles	905
Population	1,613,357
Population Ranking Out of 374 UZA's	17

Service Consumption

Annual Unlinked Trips	145,438,459
Annual Passenger Miles	632,259,351
Average Weekday Unlinked Trips	485,880
Average Saturday Unlinked Trips	264,123
Average Sunday Unlinked Trips	136,053

Service Supplied

Annual Vehicle Revenue Miles	40,728,664
Annual Vehicle Revenue Hours	2,616,069
Total Fleet	953
Vehicles Operated in Maximum Service	732
Base Period Requirement	376

Vehicles Operated in Maximum Service

	Directly Operated	Purchased Transportation
Motor Bus	566	14
Rapid Rail	139	0
Demand Response	0	13

Financial Information (System Wide)

Sources of Operating Funds

Passenger Fares	\$55,359,092
Local Assistance	79,374,134
State Assistance	85,309
Federal Assistance	9,165,032
Other Revenues	26,058,406
Total Operating Funds	(1989) \$170,041,973
	(1988) \$163,213,650
	(1987) \$152,153,274

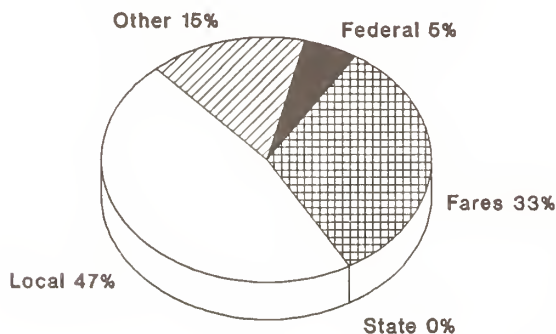
Total Operating Expenses

Salaries/Wages/Benefits	\$121,793,915
Purchased Transportation	1,350,911
Other Expenses	34,887,973
Total Operating Expenses	(1989) \$158,032,799
	(1988) \$147,991,972
	(1987) \$134,423,361

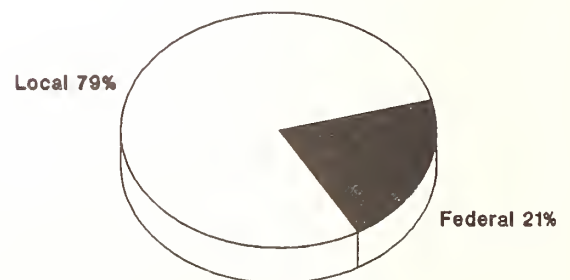
Sources of Capital Funds Expended

Local Assistance	\$79,374,134
State Assistance	0
UMTA Sec. 3 Discretionary	\$14,825,704
UMTA Sec. 9 Formula	6,050,532
UMTA Other Assistance	8,927
Other Federal Assistance	0
Federal Assistance Total	\$20,885,163
Other Capital Funds	0
Total Capital Funds Expended	(1989) \$100,259,297
	(1988) \$159,396,173
	(1987) \$125,010,260

Sources of Operating Funds



Sources of Capital Funds Expended



Metropolitan Atlanta Rapid Transit Authority (MARTA)

	Motor Bus	Rapid Rail	Demand Response
Characteristics			
Operating Expense	\$99,004,922	\$58,312,591	\$715,286
Annual Unlinked Trips	79,801,299	65,603,000	34,160
Annual Passenger Miles	272,637,747	359,269,756	351,848
Average Weekday Unlinked Trips	266,608	219,138	134
Annual Vehicle Revenue Hours	1,980,212	613,240	22,617
Annual Vehicle Revenue Miles	25,718,871	14,619,414	390,379
Fixed Guideway Directional Route Miles	5	67	0
Total Fleet	699	236	18
Vehicles Operated in Maximum Service	580	139	13
Base Period Requirement	270	104	2
Spare Ratio	21%	70%	38%

Performance Measures

Service Efficiency

Operating Expense/Vehicle Revenue Hour	\$50.00	\$95.09	\$31.63
Operating Expense/Vehicle Revenue Mile	3.85	3.99	1.83

Cost Effectiveness

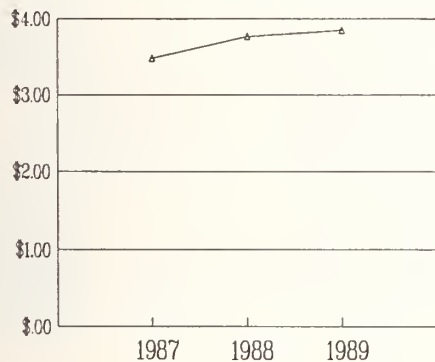
Operating Expense/Unlinked Passenger Trip	\$1.24	\$.89	\$20.94
Operating Expense/Unlinked Passenger Mile	.36	.16	2.03

Service Effectiveness

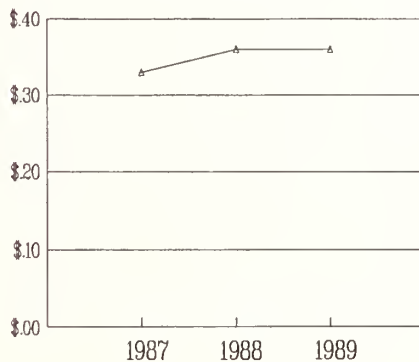
Unlinked Passenger Trips/Vehicle Revenue Hour	40.30	106.98	1.51
Unlinked Passenger Trips/Vehicle Revenue Mile	3.10	4.49	.09

Motor Bus

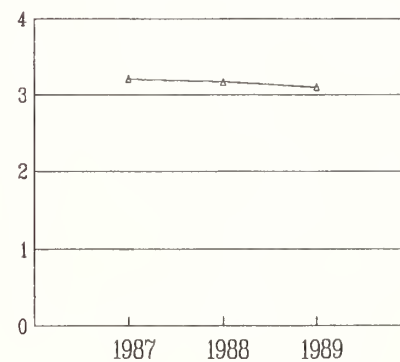
Operating Expense Per Vehicle Revenue Mile



Operating Expense Per Passenger Mile

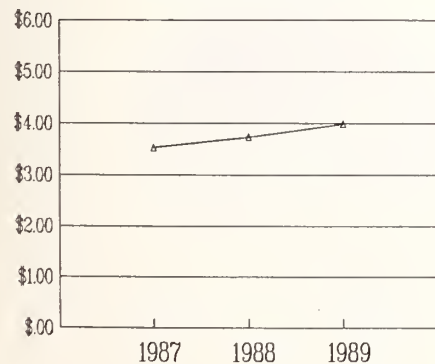


Passenger Trips Per Vehicle Revenue Mile

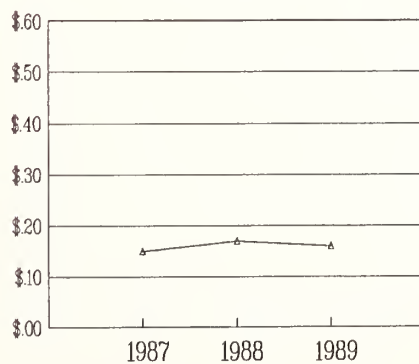


Rapid Rail

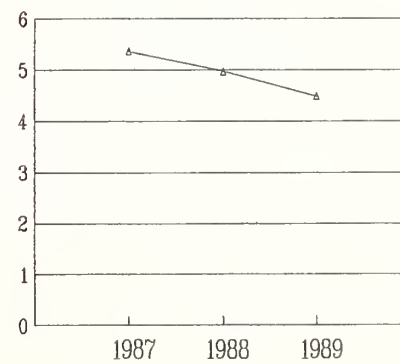
Operating Expense Per Vehicle Revenue Mile



Operating Expense Per Passenger Mile



Passenger Trips Per Vehicle Revenue Mile



Maryland State Department of Transportation/ Mass Transit Administration (MTA)

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

Chief Executive Officer: Ronald J. Hartman,
General Manager

Section 15 ID Number: 3034
Secondary Provider: 3046

General Information (System Wide)

Urbanized Area (UZA) Statistics - 1980 Census Baltimore, MD

Square Miles	523
Population	1,755,477
Population Ranking Out of 374 UZA's	14

Service Consumption

Annual Unlinked Trips	111,074,391
Annual Passenger Miles	472,785,148
Average Weekday Unlinked Trips	383,395
Average Saturday Unlinked Trips	177,464
Average Sunday Unlinked Trips	68,554

Service Supplied

Annual Vehicle Revenue Miles	27,932,178
Annual Vehicle Revenue Hours	2,217,477
Total Fleet	1,137
Vehicles Operated in Maximum Service Base Period Requirement	935 385

Vehicles Operated in Maximum Service

	Directly Operated	Purchased Transportation
Motor Bus	734	39
Rapid Rail	60	0
Demand Response	15	32
Commuter Rail	0	55

Financial Information (System Wide)

Sources of Operating Funds

Passenger Fares	\$63,103,482
Local Assistance	0
State Assistance	73,351,385
Federal Assistance	10,746,470
Other Revenues	1,534,831
Total Operating Funds	(1989) \$148,736,168
	(1988) \$131,628,090
	(1987) \$123,396,578

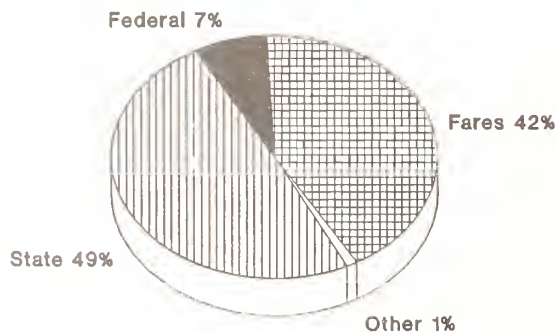
Total Operating Expenses

Salaries/Wages/Benefits	\$108,768,056
Purchased Transportation	15,023,420
Other Expenses	28,768,638
Total Operating Expenses	(1989) \$152,560,114
	(1988) \$133,818,993
	(1987) \$118,163,517

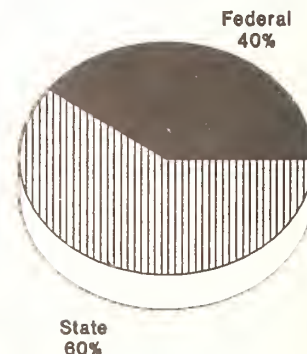
Sources of Capital Funds Expended

Local Assistance	0
State Assistance	\$47,384,423
UMTA Sec. 3 Discretionary	\$864,865
UMTA Sec. 9 Formula	11,845,267
UMTA Other Assistance	0
Other Federal Assistance	18,446,700
Federal Assistance Total	\$31,156,832
Other Capital Funds	0
Total Capital Funds Expended	(1989) \$78,541,255
	(1988) \$45,606,077
	(1987) \$79,484,681

Sources of Operating Funds



Sources of Capital Funds Expended



Maryland State Department of Transportation/Mass Transit Administration (MTA)

	Motor Bus	Rapid Rail	Commuter Rail	Demand Response
Characteristics				
Operating Expense	\$103,948,317	\$31,047,751	\$15,053,687	\$2,510,359
Annual Unlinked Trips	94,220,813	13,983,600	2,702,081	167,897
Annual Passenger Miles	323,337,985	66,870,974	81,631,584	944,605
Average Weekday Unlinked Trips	323,182	49,020	10,592	601
Annual Vehicle Revenue Hours	1,956,606	146,747	47,341	66,783
Annual Vehicle Revenue Miles	21,459,042	3,530,335	2,039,147	903,654
Fixed Guideway Directional Route Miles	0	27	301	0
Total Fleet	922	100	63	52
Vehicles Operated in Maximum Service	773	60	55	47
Base Period Requirement	296	28	14	47
Spare Ratio	19%	67%	15%	11%

Performance Measures

Service Efficiency

Operating Expense/Vehicle Revenue Hour	\$53.13	\$211.57	\$37.59	\$317.98
Operating Expense/Vehicle Revenue Mile	4.84	8.79	2.78	7.38

Cost Effectiveness

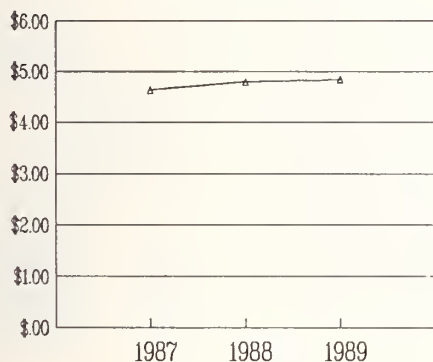
Operating Expense/Unlinked Passenger Trip	\$1.10	\$2.22	\$14.95	\$5.57
Operating Expense/Unlinked Passenger Mile	.32	.46	2.66	.18

Service Effectiveness

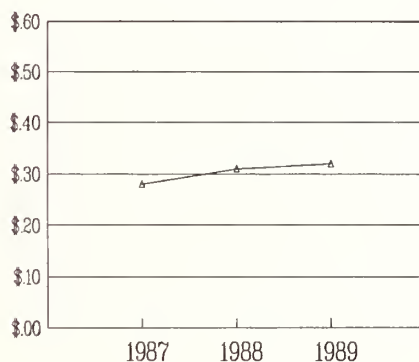
Unlinked Passenger Trips/Vehicle Revenue Hour	48.16	95.29	2.51	57.08
Unlinked Passenger Trips/Vehicle Revenue Mile	4.39	3.96	.19	1.33

Motor Bus

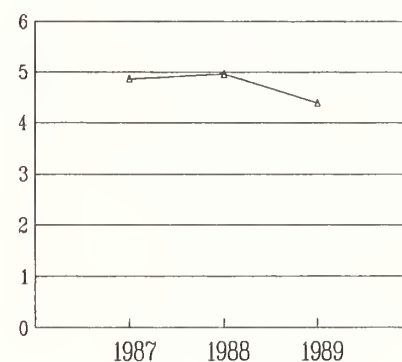
Operating Expense Per Vehicle Revenue Mile



Operating Expense Per Passenger Mile

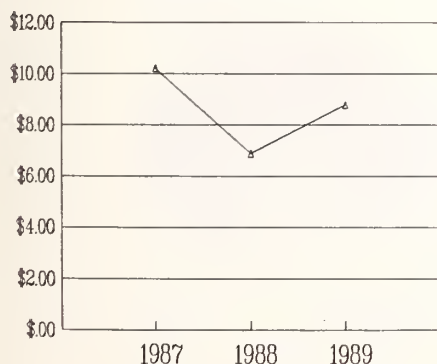


Passenger Trips Per Vehicle Revenue Mile

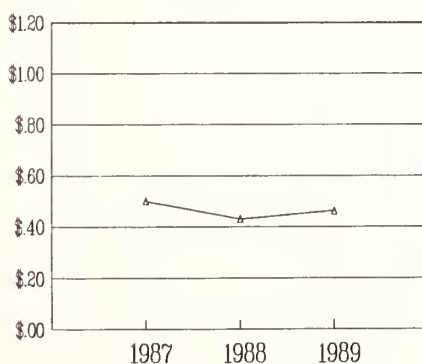


Rapid Rail

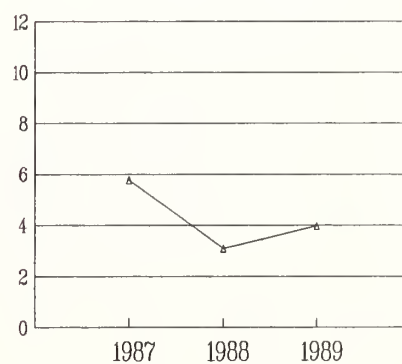
Operating Expense Per Vehicle Revenue Mile



Operating Expense Per Passenger Mile



Passenger Trips Per Vehicle Revenue Mile



Massachusetts Bay Transportation Authority (MBTA)

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

Chief Executive Officer: Vacant

Section 15 ID Number: 1003
Secondary Provider: 1100

General Information (System Wide)

Urbanized Area (UZA) Statistics - 1980 Census Boston, MA

Square Miles	857
Population	2,678,762
Population Ranking Out of 374 UZA's	8

Service Consumption

Annual Unlinked Trips	302,489,378
Annual Passenger Miles	1,096,591,397
Average Weekday Unlinked Trips	979,380
Average Saturday Unlinked Trips	651,175
Average Sunday Unlinked Trips	360,699

Service Supplied

Annual Vehicle Revenue Miles	64,152,641
Annual Vehicle Revenue Hours	3,973,744
Total Fleet	2,215
Vehicles Operated in Maximum Service	1,704
Base Period Requirement	884

Vehicles Operated in Maximum Service

	Directly Operated	Purchased Transportation
Motor Bus	814	48
Rapid Rail	320	0
Demand Response	0	108
Trolley Bus	25	0
Ferry Boat	0	9
Street Car	135	0
Commuter Rail	0	245

Financial Information (System Wide)

Sources of Operating Funds

Passenger Fares	\$114,708,640
Local Assistance	101,226,040
State Assistance	297,841,552
Federal Assistance	18,604,413
Other Revenues	11,771,669
Total Operating Funds	(1989) \$544,152,314
	(1988) \$506,052,472
	(1987) \$471,966,546

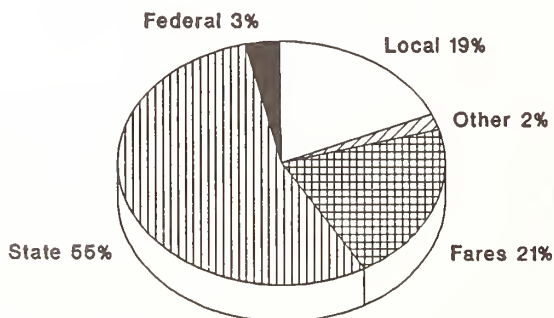
Total Operating Expenses

Salaries/Wages/Benefits	\$317,564,493
Purchased Transportation	94,775,832
Other Expenses	75,590,629
Total Operating Expenses	(1989) \$487,930,954
	(1988) \$433,390,771
	(1987) \$416,728,909

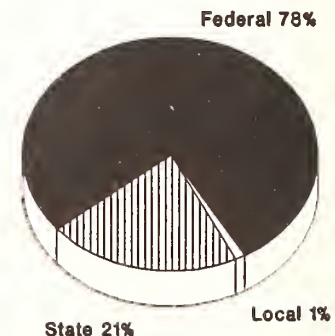
Sources of Capital Funds Expended

Local Assistance	\$1,583,323
State Assistance	30,290,936
UMTA Sec. 3 Discretionary	\$36,970,966
UMTA Sec. 9 Formula	33,478,971
UMTA Other Assistance	33,339,479
Other Federal Assistance	4,764,677
Federal Assistance Total	\$110,554,093
Other Capital Funds	0
Total Capital Funds Expended	(1989) \$142,428,352
	(1988) \$209,053,102
	(1987) \$189,373,654

Sources of Operating Funds



Sources of Capital Funds Expended



Massachusetts Bay Transportation Authority (MBTA)

Characteristics	Motor Bus	Rapid Rail	Commuter Rail	Street Car
Operating Expense	\$159,777,999	\$201,254,447	\$84,702,806	\$20,718,231
Annual Unlinked Trips	100,752,858	157,937,578	18,620,259	20,499,891
Annual Passenger Miles	239,785,798	480,184,667	330,133,931	28,754,530
Average Weekday Unlinked Trips	335,324	494,658	68,616	63,739
Annual Vehicle Revenue Hours	2,002,061	1,068,884	429,282	79,229
Annual Vehicle Revenue Miles	24,039,490	21,857,475	13,211,349	1,183,835
Fixed Guideway Directional Route Miles	9	77	529	56
Total Fleet	1,087	404	335	187
Vehicles Operated in Maximum Service	862	320	245	135
Base Period Requirement	324	162	208	68
Spare Ratio	26%	29%	37%	39%

Performance Measures

Service Efficiency

Operating Expense/Vehicle Revenue Hour	\$79.81	\$188.29	\$197.31	\$261.50
Operating Expense/Vehicle Revenue Mile	6.65	9.21	6.41	17.50

Cost Effectiveness

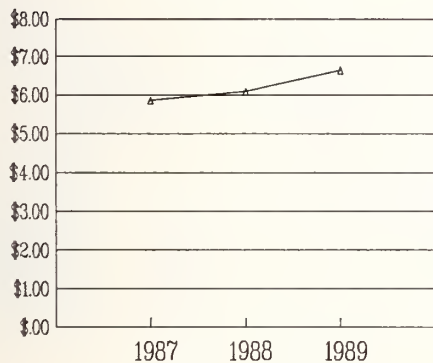
Operating Expense/Unlinked Passenger Trip	\$1.59	\$1.27	\$4.55	\$1.01
Operating Expense/Unlinked Passenger Mile	.67	.42	.26	.72

Service Effectiveness

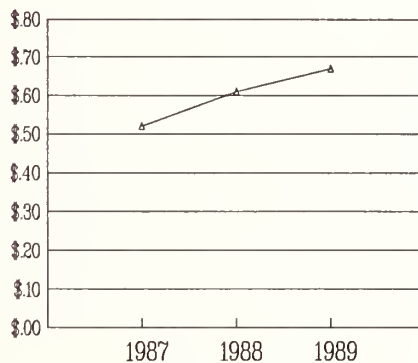
Unlinked Passenger Trips/Vehicle Revenue Hour	50.32	147.76	43.38	258.74
Unlinked Passenger Trips/Vehicle Revenue Mile	4.19	7.23	1.41	17.32

Motor Bus

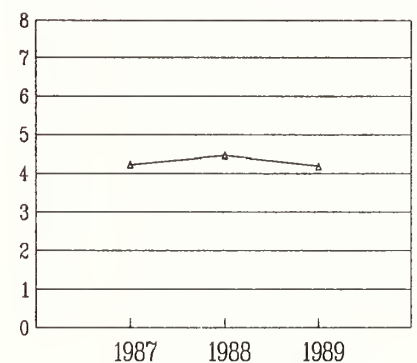
Operating Expense Per Vehicle Revenue Mile



Operating Expense Per Passenger Mile

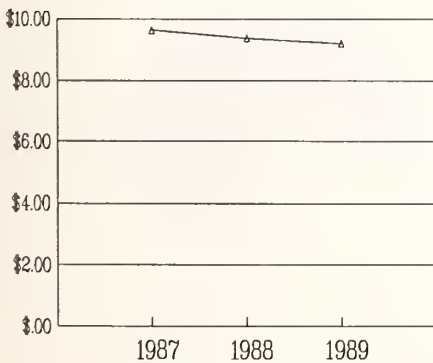


Passenger Trips Per Vehicle Revenue Mile

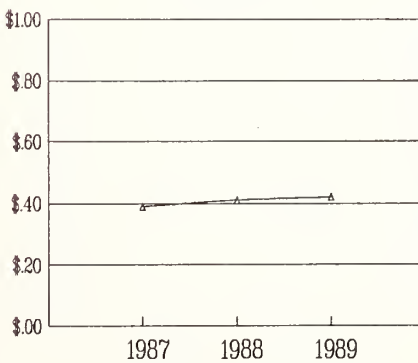


Rapid Rail

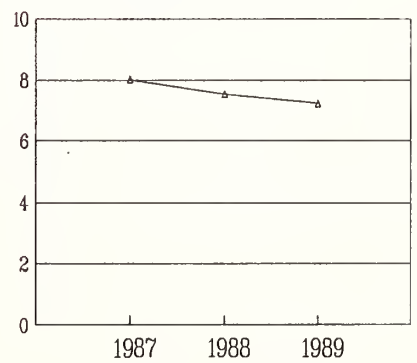
Operating Expense Per Vehicle Revenue Mile



Operating Expense Per Passenger Mile



Passenger Trips Per Vehicle Revenue Mile



Chicago Transit Authority (CTA)

P.O. Box 3555, Merchandise Mart Plaza
Chicago, Illinois 60634
(312) 664-7200

Chief Executive Officer: Alfred H. Savage,
Executive Director

Section 15 ID Number: 5066

General Information (System Wide)

Urbanized Area (UZA) Statistics - 1980 Census Chicago, IL - Northwestern IN

Square Miles	1,498
Population	6,779,799
Population Ranking Out of 374 UZA's	3

Service Consumption

Annual Unlinked Trips	589,701,755
Annual Passenger Miles	2,088,997,341
Average Weekday Unlinked Trips	1,925,003
Average Saturday Unlinked Trips	1,082,053
Average Sunday Unlinked Trips	766,968

Service Supplied

Annual Vehicle Revenue Miles	129,783,787
Annual Vehicle Revenue Hours	9,568,502
Total Fleet	3,598
Vehicles Operated in Maximum Service	2,888
Base Period Requirement	1,355

Vehicles Operated in Maximum Service

	Directly Operated	Purchased Transportation
Motor Bus	1,803	0
Rapid Rail	923	0
Demand Response	0	162

Financial Information (System Wide)

Sources of Operating Funds

Passenger Fares	\$318,759,465
Local Assistance	295,775,455
State Assistance	0
Federal Assistance	42,608,130
Other Revenues	11,795,210
Total Operating Funds	(1989) \$668,938,260
	(1988) \$652,894,457
	(1987) \$604,110,888

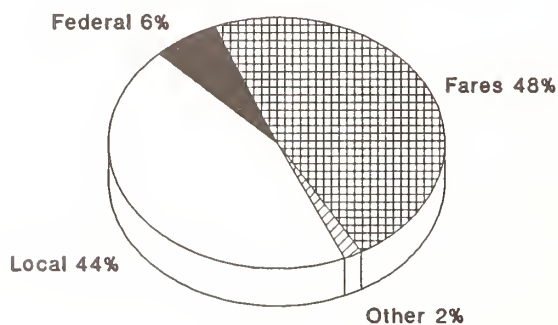
Total Operating Expenses

Salaries/Wages/Benefits	\$519,801,500
Purchased Transportation	13,193,993
Other Expenses	137,035,433
Total Operating Expenses	(1989) \$670,030,926
	(1988) \$657,717,753
	(1987) \$619,472,600

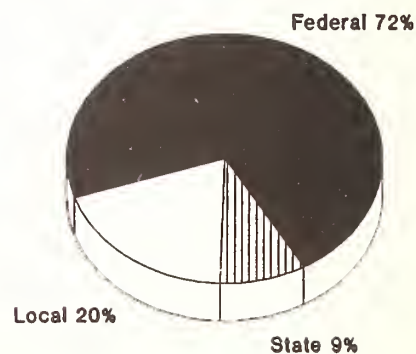
Sources of Capital Funds Expended

Local Assistance	\$9,370,555
State Assistance	4,234,294
UMTA Sec. 3 Discretionary	\$11,406,691
UMTA Sec. 9 Formula	21,042,115
UMTA Other Assistance	1,981,973
Other Federal Assistance	0
Federal Assistance Total	\$34,430,779
Other Capital Funds	0
Total Capital Funds Expended	(1989) \$48,035,628
	(1988) \$35,731,808
	(1987) \$66,304,980

Sources of Operating Funds



Sources of Capital Funds Expended



Chicago Transit Authority (CTA)

Characteristics

	Motor Bus	Rapid Rail	Demand Response
Operating Expense	\$392,279,628	\$263,542,528	\$14,208,770
Annual Unlinked Trips	438,676,330	168,658,800	454,497
Annual Passenger Miles	1,056,339,943	983,052,766	3,366,078
Average Weekday Unlinked Trips	395,163	500,438	1,465
Annual Vehicle Revenue Hours	7,209,233	1,915,862	NR
Annual Vehicle Revenue Miles	72,407,694	46,992,003	2,353,900
Fixed Guideway Directional Route Miles	8	191	0
Total Fleet	2,247	1,263	107
Vehicles Operated in Maximum Service	1,862	925	95
Base Period Requirement	998	346	89
Spare Ratio	21%	37%	12%

Performance Measures

Service Efficiency

	Motor Bus	Rapid Rail	Demand Response
Operating Expense/Vehicle Revenue Hour	\$50.74	\$126.97	N/A
Operating Expense/Vehicle Revenue Mile	5.05	5.17	\$5.04

Cost Effectiveness

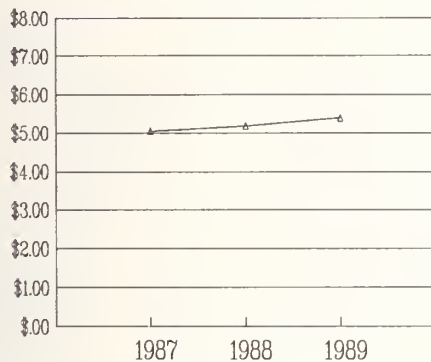
	Motor Bus	Rapid Rail	Demand Response
Operating Expense/Unlinked Passenger Trip	\$0.83	\$1.44	\$26.00
Operating Expense/Unlinked Passenger Mile	.35	.25	3.13

Service Effectiveness

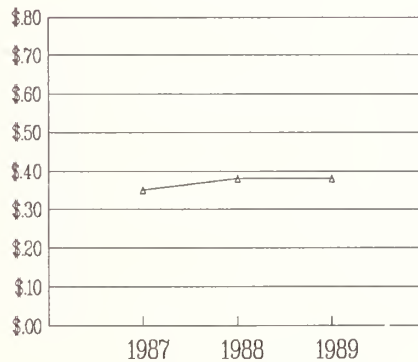
	Motor Bus	Rapid Rail	Demand Response
Unlinked Passenger Trips/Vehicle Revenue Hour	60.85	88.03	N/A
Unlinked Passenger Trips/Vehicle Revenue Mile	6.06	3.59	.19

Motor Bus

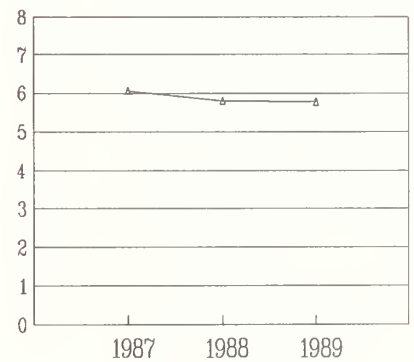
Operating Expense Per Vehicle Revenue Mile



Operating Expense Per Passenger Mile

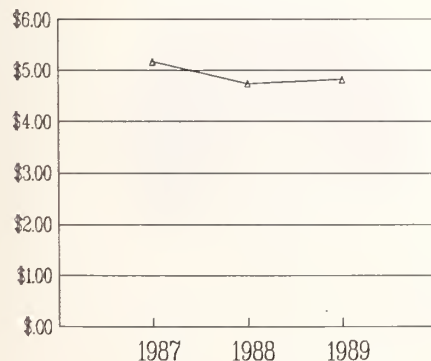


Passenger Trips Per Vehicle Revenue Mile

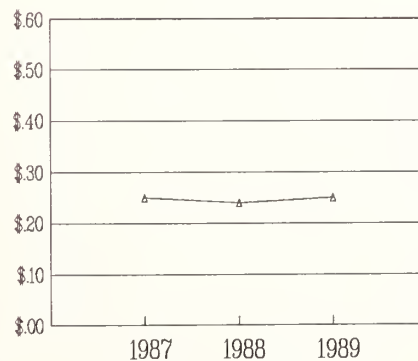


Rapid Rail

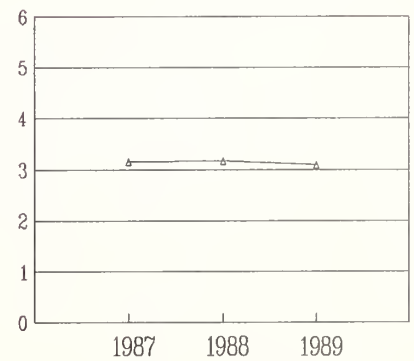
Operating Expense Per Vehicle Revenue Mile



Operating Expense Per Passenger Mile



Passenger Trips Per Vehicle Revenue Mile



Commuter Rail Board (Metra)

547 West Jackson Boulevard
Chicago, Illinois 60606
(312) 322-6425

Chief Executive Officer: Philip A. Pagano,
Executive Director

Section 15 ID Number: 5118
Secondary Providers: 5121, 5122

General Information (System Wide)

Urbanized Area (UZA) Statistics - 1980 Census Chicago, IL - Northwestern IN

Square Miles	1,498
Population	6,779,799
Population Ranking Out of 374 UZA's	3

Service Consumption

Annual Unlinked Trips	68,360,681
Annual Passenger Miles	1,432,001,167
Average Weekday Unlinked Trips	260,799
Average Saturday Unlinked Trips	30,215
Average Sunday Unlinked Trips	13,558

Service Supplied

Annual Vehicle Revenue Miles	27,682,712
Annual Vehicle Revenue Hours	859,259
Total Fleet	1,022
Vehicles Operated in Maximum Service	957
Base Period Requirement	237

Vehicles Operated in Maximum Service

	Directly Operated	Purchased Transportation
Commuter Rail	391	566

Financial Information (System Wide)

Sources of Operating Funds

Passenger Fares	\$145,990,111
Local Assistance	25,058,685
State Assistance	140,654,126
Federal Assistance	4,513,783
Other Revenues	19,772,456
Total Operating Funds	(1989) \$335,989,161
	(1988) \$316,561,572
	(1987) \$292,970,499

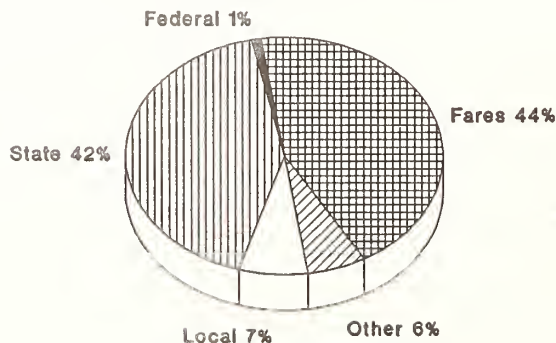
Total Operating Expenses

Salaries/Wages/Benefits	\$100,941,294
Purchased Transportation	131,145,439
Other Expenses	36,476,488
Total Operating Expenses	(1989) \$268,563,221
	(1988) \$252,394,681
	(1987) \$163,496,713

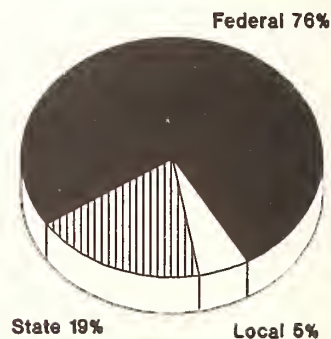
Sources of Capital Funds Expended

Local Assistance	\$5,029,327
State Assistance	17,171,957
UMTA Sec. 3 Discretionary	\$38,670,852
UMTA Sec. 9 Formula	31,290,175
UMTA Other Assistance	104,104
Other Federal Assistance	0
Federal Assistance Total	\$70,065,131
Other Capital Funds	0
Total Capital Funds Expended	(1989) \$92,266,415
	(1988) \$58,888,495
	(1987) \$76,488,071

Sources of Operating Funds



Sources of Capital Funds Expended



Commuter Rail Board (Metra)

Characteristics

Operating Expense
 Annual Unlinked Trips
 Annual Passenger Miles
 Average Weekday Unlinked Trips
 Annual Vehicle Revenue Hours
 Annual Vehicle Revenue Miles
 Fixed Guideway Directional Route Miles
 Total Fleet
 Vehicles Operated in Maximum Service
 Base Period Requirement
 Spare Ratio

Commuter Rail

\$268,563,221
 68,360,681
 1,432,001,167
 260,799
 859,259
 27,682,712
 861
 1,022
 957
 237
 7%

Performance Measures

Service Efficiency

Operating Expense/Vehicle Revenue Hour \$312.55
 Operating Expense/Vehicle Revenue Mile 9.70

Cost Effectiveness

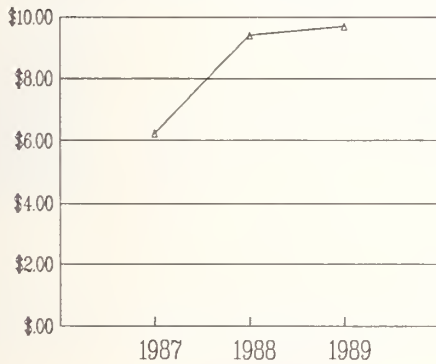
Operating Expense/Unlinked Passenger Trip \$3.93
 Operating Expense/Unlinked Passenger Mile .19

Service Effectiveness

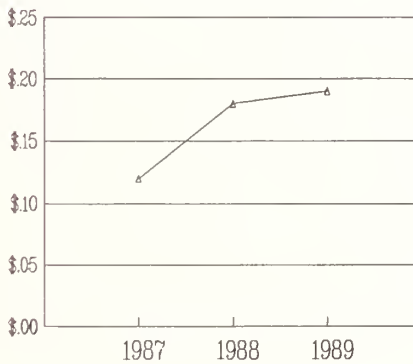
Unlinked Passenger Trips/Vehicle Revenue Hour 79.56
 Unlinked Passenger Trips/Vehicle Revenue Mile 2.47

Commuter Rail

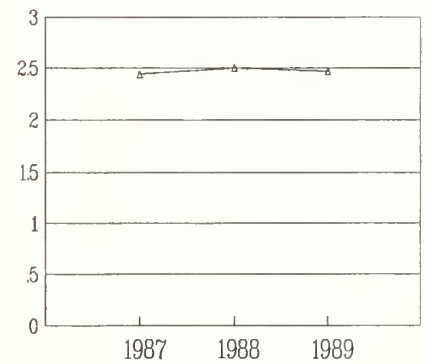
Operating Expense Per Vehicle Revenue Mile



Operating Expense Per Passenger Mile



Passenger Trips Per Vehicle Revenue Mile



Suburban Bus Division of the Regional Transportation Authority (Pace)

550 W. Algonquin Rd.
Arlington Heights, IL 60005
(708) 364-7223

Chief Executive Officer: Joseph DiJohn,
Executive Director

Section 15 ID Number: 5113

General Information (System Wide)

Urbanized Area (UZA) Statistics - 1980 Census Chicago, IL - Northwestern IN

Square Miles	1,498
Population	6,779,799
Population Ranking Out of 374 UZA's	3

Service Consumption

Annual Unlinked Trips	22,499,555
Annual Passenger Miles	112,441,272
Average Weekday Unlinked Trips	79,161
Average Saturday Unlinked Trips	31,434
Average Sunday Unlinked Trips	13,203

Service Supplied

Annual Vehicle Revenue Miles	13,995,140
Annual Vehicle Revenue Hours	840,497
Total Fleet	767
Vehicles Operated in Maximum Service	618
Base Period Requirement	618

Vehicles Operated in Maximum Service

	Directly Operated	Purchased Transportation
Demand Response	0	327
Motor Bus	202	89

Financial Information (System Wide)

Sources of Operating Funds

Passenger Fares	\$11,928,457
Local Assistance	1,011,839
State Assistance	50,947,500
Federal Assistance	2,756,149
Other Revenues	2,048,137
Total Operating Funds	(1989) \$68,692,082
	(1988) \$63,473,978
	(1987) \$74,920,127

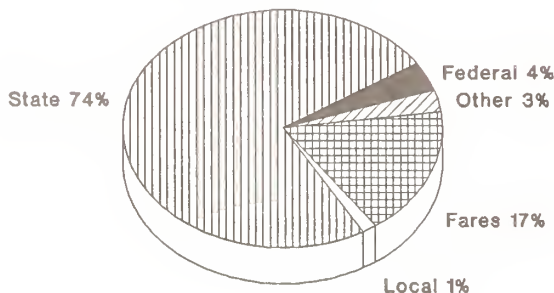
Total Operating Expenses

Salaries/Wages/Benefits	\$25,513,079
Purchased Transportation	34,579,622
Other Expenses	12,307,729
Total Operating Expenses	(1989) \$72,400,430
	(1988) \$70,153,202
	(1987) \$62,841,384

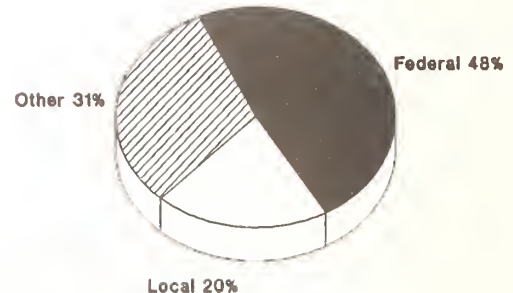
Sources of Capital Funds Expended

Local Assistance	\$5,106,439
State Assistance	0
UMTA Sec. 3 Discretionary	\$2,025,000
UMTA Sec. 9 Formula	10,168,562
UMTA Other Assistance	0
Other Federal Assistance	0
Federal Assistance Total	\$12,193,562
Other Capital Funds	7,955,000
Total Capital Funds Expended	(1989) \$25,255,001
	(1988) \$22,900,089
	(1987) \$16,200,000

Sources of Operating Funds



Sources of Capital Funds Expended



Suburban Bus Division of the Regional Transportation Authority (Pace)

Characteristics

	Motor Bus	Demand Response
Operating Expense	\$65,960,225	\$6,440,205
Annual Unlinked Trips	21,191,865	1,307,690
Annual Passenger Miles	105,019,219	7,422,053
Average Weekday Unlinked Trips	73,930	5,231
Annual Vehicle Revenue Hours	569,789	270,708
Annual Vehicle Revenue Miles	9,899,484	4,095,656
Fixed Guideway Directional Route Miles	0	0
Total Fleet	338	429
Vehicles Operated in Maximum Service	291	327
Base Period Requirement	291	327
Spare Ratio	16%	31%

Performance Measures

Service Efficiency

Operating Expense/Vehicle Revenue Hour	\$115.76	\$23.79
Operating Expense/Vehicle Revenue Mile	6.66	1.57

Cost Effectiveness

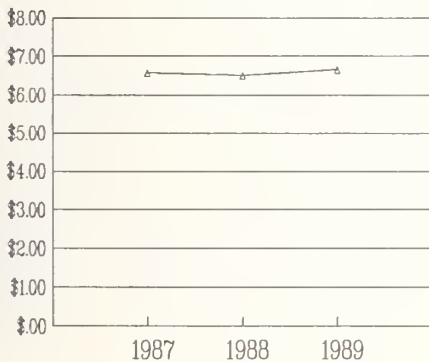
Operating Expense/Unlinked Passenger Trip	\$3.11	\$4.92
Operating Expense/Unlinked Passenger Mile	.63	.87

Service Effectiveness

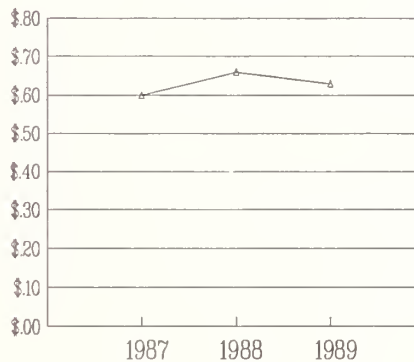
Unlinked Passenger Trips/Vehicle Revenue Hour	37.19	4.83
Unlinked Passenger Trips/Vehicle Revenue Mile	2.14	.32

Motor Bus

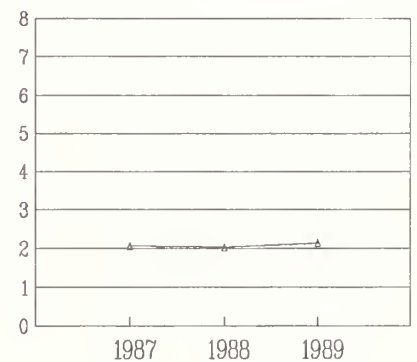
Operating Expense Per Vehicle Revenue Mile



Operating Expense Per Passenger Mile

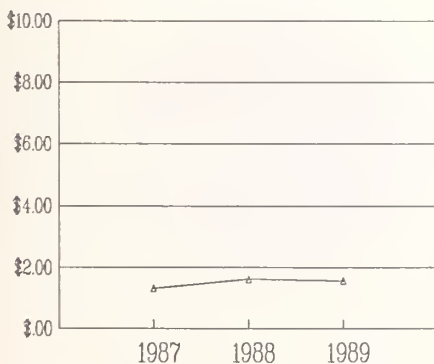


Passenger Trips Per Vehicle Revenue Mile

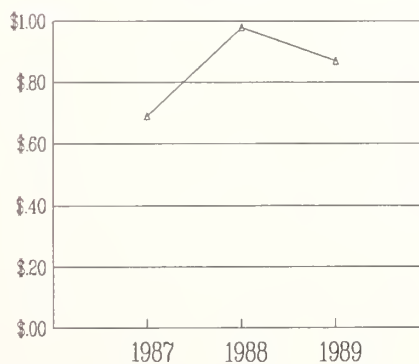


Rapid Rail

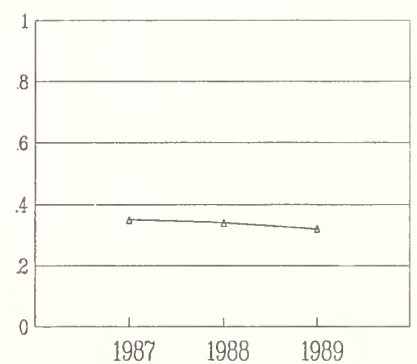
Operating Expense Per Vehicle Revenue Mile



Operating Expense Per Passenger Mile



Passenger Trips Per Vehicle Revenue Mile



Greater Cleveland Regional Transit Authority (RTA)

615 West Superior Avenue, N.W.
Cleveland, Ohio 44113
(216) 566-5275

Chief Executive Officer: Ronald J. Tober,
General Manager

Section 15 ID Number: 5015

General Information (System Wide)

Urbanized Area (UZA) Statistics - 1980 Census Cleveland, OH

Square Miles	629
Population	1,752,424
Population Ranking Out of 374 UZA's	15

Service Consumption

Annual Unlinked Trips	74,585,210
Annual Passenger Miles	282,003,908
Average Weekday Unlinked Trips	258,500
Average Saturday Unlinked Trips	105,085
Average Sunday Unlinked Trips	36,389

Service Supplied

Annual Vehicle Revenue Miles	25,439,272
Annual Vehicle Revenue Hours	1,606,018
Total Fleet	919
Vehicles Operated in Maximum Service	758
Base Period Requirement	370

Vehicles Operated in Maximum Service

	Directly Operated	Purchased Transportation
Motor Bus	578	50
Demand Response	42	24
Rapid Rail	35	0
Street Car	29	0

Financial Information (System Wide)

Sources of Operating Funds

Passenger Fares	\$35,364,945
Local Assistance	0
State Assistance	6,926,461
Federal Assistance	9,753,389
Other Revenues	100,339,789
Total Operating Funds	(1989) \$152,384,584
	(1988) \$144,232,531
	(1987) \$137,304,201

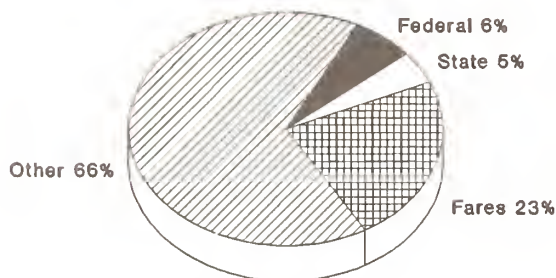
Total Operating Expenses

Salaries/Wages/Benefits	\$98,946,893
Purchased Transportation	6,674,424
Other Expenses	28,026,036
Total Operating Expenses	(1989) \$133,647,353
	(1988) \$132,386,493
	(1987) \$116,970,555

Sources of Capital Funds Expended

Local Assistance	\$0
State Assistance	3,375,754
UMTA Sec. 3 Discretionary	\$14,805,235
UMTA Sec. 9 Formula	\$335,470
UMTA Other Assistance	22,101,212
Other Federal Assistance	0
Federal Assistance Total	\$37,241,917
Other Capital Funds	0
Total Capital Funds Expended	(1989) \$40,617,671
	(1988) \$19,677,132
	(1987) \$15,304,347

Sources of Operating Funds



Sources of Capital Funds Expended



Greater Cleveland Regional Transit Authority (RTA)

Characteristics	Motor Bus	Rapid Rail	Street Car	Demand Response
Operating Expense	\$97,956,683	\$20,162,837	\$10,663,867	\$4,863,966
Annual Unlinked Trips	61,221,949	7,860,082	5,109,593	393,586
Annual Passenger Miles	193,260,007	58,041,753	29,098,712	1,603,436
Average Weekday Unlinked Trips	211,593	27,705	17,773	1,429
Annual Vehicle Revenue Hours	1,379,209	73,991	44,390	108,428
Annual Vehicle Revenue Miles	21,123,572	1,951,684	1,034,518	1,329,498
Fixed Guideway Directional Route Miles	0	38	26	0
Total Fleet	730	55	45	89
Vehicles Operated in Maximum Service	628	35	29	66
Base Period Requirement	289	12	7	62
Spare Ratio	16%	57%	55%	35%

Performance Measures

Service Efficiency

Operating Expense/Vehicle Revenue Hour	\$71.02	\$272.50	\$240.23	\$44.86
Operating Expense/Vehicle Revenue Mile	4.64	10.33	10.31	3.66

Cost Effectiveness

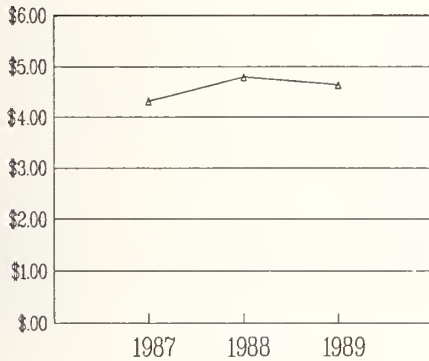
Operating Expense/Unlinked Passenger Trip	\$1.60	\$2.57	\$2.09	\$12.36
Operating Expense/Unlinked Passenger Mile	.51	.35	.37	3.03

Service Effectiveness

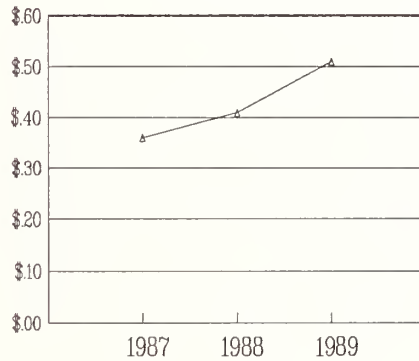
Unlinked Passenger Trips/Vehicle Revenue Hour	44.39	106.23	115.11	3.63
Unlinked Passenger Trips/Vehicle Revenue Mile	2.90	4.03	4.94	.30

Motor Bus

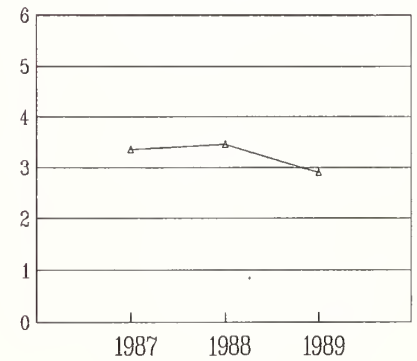
Operating Expense Per Vehicle Revenue Mile



Operating Expense Per Passenger Mile

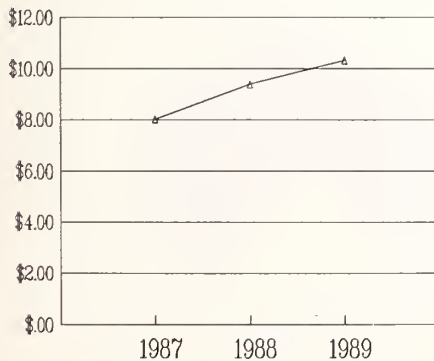


Passenger Trips Per Vehicle Revenue Mile

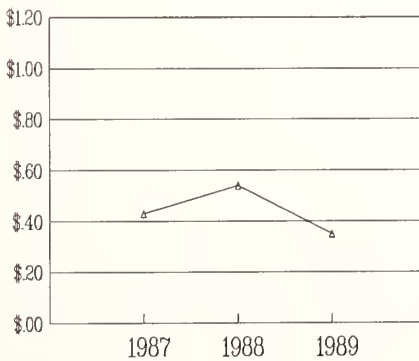


Rapid Rail

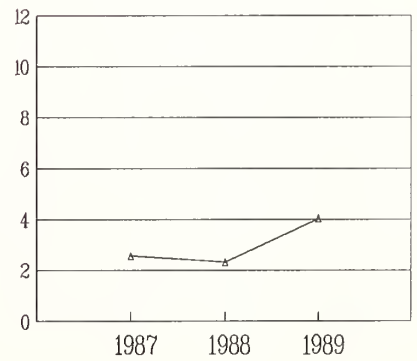
Operating Expense Per Vehicle Revenue Mile



Operating Expense Per Passenger Mile



Passenger Trips Per Vehicle Revenue Mile



Dallas Area Rapid Transit (DART)

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

Chief Executive Officer: Charles S. Anderson,
Executive Director

Section 15 ID Number: 6056
Secondary Provider: 6057

General Information (System Wide)

Urbanized Area (UZA) Statistics - 1980 Census Dallas - Fort Worth, TX

Square Miles	1,280
Population	2,451,390
Population Ranking Out of 374 UZA's	9

Service Consumption

Annual Unlinked Trips	47,686,290
Annual Passenger Miles	210,816,800
Average Weekday Unlinked Trips	167,930
Average Saturday Unlinked Trips	73,923
Average Sunday Unlinked Trips	23,085

Service Supplied

Annual Vehicle Revenue Miles	29,496,532
Annual Vehicle Revenue Hours	1,900,137
Total Fleet	1,411
Vehicles Operated in Maximum Service	968
Base Period Requirement	471

Vehicles Operated in Maximum Service

	Directly Operated	Purchased Transportation
Motor Bus	524	201
Demand Response	0	243

Financial Information (System Wide)

Sources of Operating Funds

Passenger Fares	\$26,843,354
Local Assistance	0
State Assistance	0
Federal Assistance	0
Other Revenues	210,787,753
Total Operating Funds	(1989) \$237,631,107
	(1988) \$215,543,103
	(1987) \$44,714,453

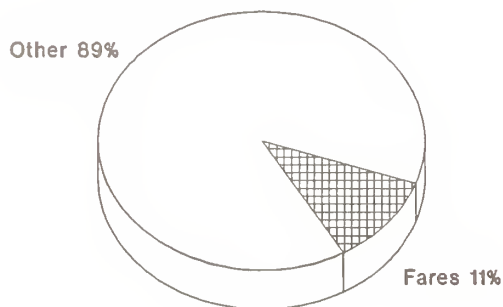
Total Operating Expenses

Salaries/Wages/Benefits	\$65,345,878
Purchased Transportation	31,482,003
Other Expenses	19,351,583
Total Operating Expenses	(1989) \$116,179,464
	(1988) \$116,455,579
	(1987) \$117,061,284

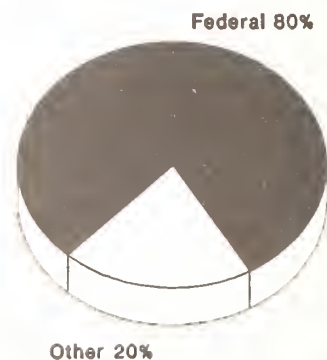
Sources of Capital Funds Expended

Local Assistance	0
State Assistance	0
UMTA Sec. 3 Discretionary	\$220,745
UMTA Sec. 9 Formula	7,141,002
UMTA Other Assistance	0
Other Federal Assistance	0
Federal Assistance Total	\$7,361,747
Other Capital Funds	\$1,858,859
Total Capital Funds Expended	(1989) \$9,220,606
	(1988) \$13,463,743
	(1987) \$4,296,299

Sources of Operating Funds



Sources of Capital Funds Expended



Dallas Area Rapid Transit (DART)

Characteristics

	Motor Bus	Demand Response
Operating Expense	\$107,080,748	\$9,098,716
Annual Unlinked Trips	46,896,520	789,770
Annual Passenger Miles	203,543,178	7,273,622
Average Weekday Unlinked Trips	164,510	3,420
Annual Vehicle Revenue Hours	1,571,430	328,707
Annual Vehicle Revenue Miles	23,311,243	6,185,289
Fixed Guideway Directional Route Miles	10	0
Total Fleet	895	516
Vehicles Operated in Maximum Service	725	243
Base Period Requirement	242	243
Spare Ratio	23%	112%

Performance Measures

Service Efficiency

Operating Expense/Vehicle Revenue Hour	\$68.14	\$27.68
Operating Expense/Vehicle Revenue Mile	4.59	1.47

Cost Effectiveness

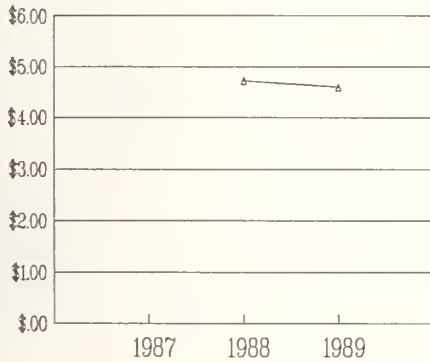
Operating Expense/Unlinked Passenger Trip	\$2.28	\$11.52
Operating Expense/Unlinked Passenger Mile	.53	1.25

Service Effectiveness

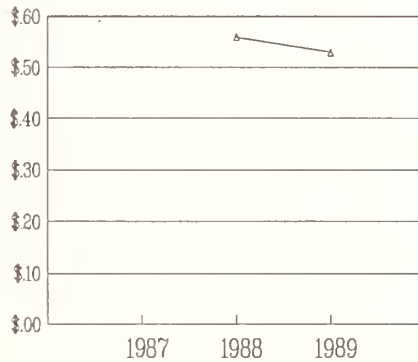
Unlinked Passenger Trips/Vehicle Revenue Hour	29.84	2.40
Unlinked Passenger Trips/Vehicle Revenue Mile	2.01	.13

Motor Bus

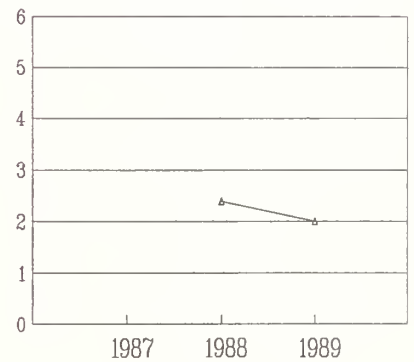
Operating Expense Per Vehicle Revenue Mile



Operating Expense Per Passenger Mile

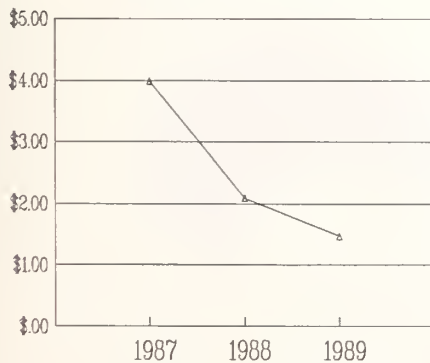


Passenger Trips Per Vehicle Revenue Mile

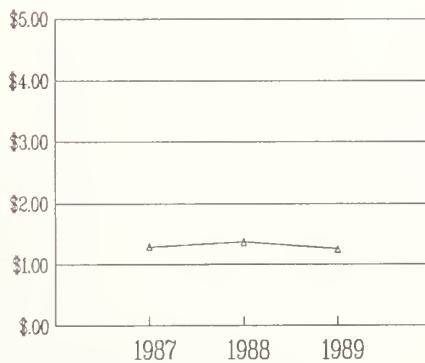


Demand Response

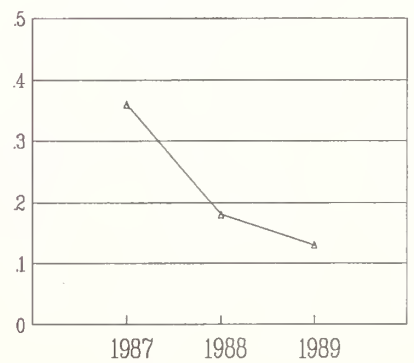
Operating Expense Per Vehicle Revenue Mile



Operating Expense Per Passenger Mile



Passenger Trips Per Vehicle Revenue Mile



Regional Transportation District (RTD)

1600 Blake Street
Denver, CO 80202
(303) 573-2232

Chief Executive Officer: Peter M. Cipolla,
General Manager

Section 15 ID Number: 8006
Secondary Provider: 8017

General Information (System Wide)

Urbanized Area (UZA) Statistics - 1980 Census Denver, CO

Square Miles	439
Population	1,352,070
Population Ranking Out of 374 UZA's	21

Service Consumption

Annual Unlinked Trips	52,535,654
Annual Passenger Miles	205,467,971
Average Weekday Unlinked Trips	187,757
Average Saturday Unlinked Trips	84,641
Average Sunday Unlinked Trips	64,512

Service Supplied

Annual Vehicle Revenue Miles	24,174,792
Annual Vehicle Revenue Hours	1,413,984
Total Fleet	796
Vehicles Operated in Maximum Service	746
Base Period Requirement	373

Vehicles Operated in Maximum Service.

	Directly Operated	Purchased Transportation
Motor Bus	603	118
Demand Response	0	25

Financial Information (System Wide)

Sources of Operating Funds

Passenger Fares	\$19,888,420
Local Assistance	0
State Assistance	0
Federal Assistance	7,411,140
Other Revenues	102,764,957
Total Operating Funds	(1989) \$130,064,517
	(1988) \$114,720,614
	(1987) \$111,542,315

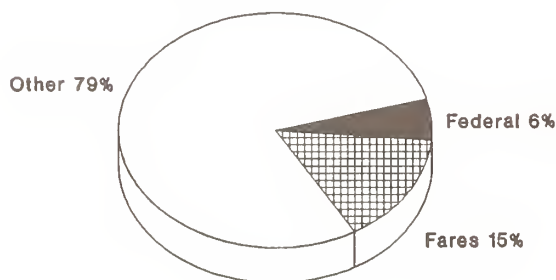
Total Operating Expenses

Salaries/Wages/Benefits	\$74,647,481
Purchased Transportation	4,392,754
Other Expenses	23,295,436
Total Operating Expenses	(1989) \$102,335,671
	(1988) \$98,548,961
	(1987) \$97,532,287

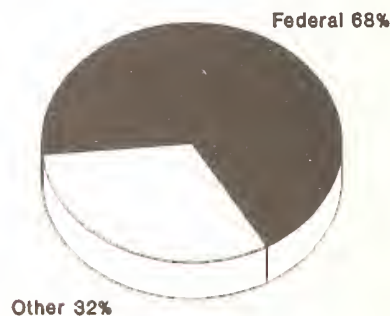
Sources of Capital Funds Expended

Local Assistance	0
State Assistance	0
UMTA Sec. 3 Discretionary	\$10,027,286
UMTA Sec. 9 Formula	7,478,061
UMTA Other Assistance	0
Other Federal Assistance	0
Federal Assistance Total	\$17,505,347
Other Capital Funds	\$8,167,690
Total Capital Funds Expended	(1989) \$25,673,037
	(1988) \$31,532,315
	(1987) \$30,391,549

Sources of Operating Funds



Sources of Capital Funds Expended



Regional Transportation District (RTD)

Characteristics

	Motor Bus	Demand Response
Operating Expense	\$102,055,282	\$280,389
Annual Unlinked Trips	52,485,872	49,782
Annual Passenger Miles	205,237,427	230,544
Average Weekday Unlinked Trips	187,551	206
Annual Vehicle Revenue Hours	1,397,543	16,441
Annual Vehicle Revenue Miles	24,027,143	147,649
Fixed Guideway Directional Route Miles	13	0
Total Fleet	766	30
Vehicles Operated in Maximum Service	721	25
Base Period Requirement	348	25
Spare Ratio	6%	20%

Performance Measures

Service Efficiency

Operating Expense/Vehicle Revenue Hour	\$73.02	\$17.05
Operating Expense/Vehicle Revenue Mile	4.25	2.06

Cost Effectiveness

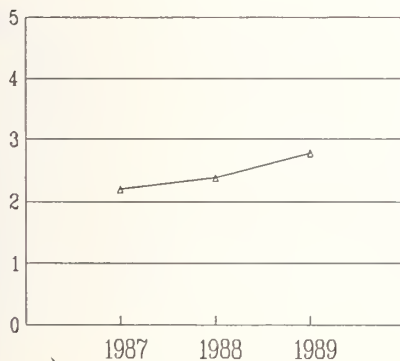
Operating Expense/Unlinked Passenger Trip	\$1.94	\$5.63
Operating Expense/Unlinked Passenger Mile	.50	1.22

Service Effectiveness

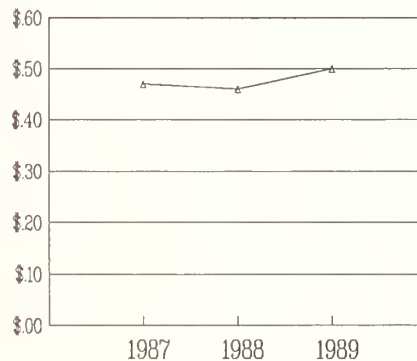
Unlinked Passenger Trips/Vehicle Revenue Hour	37.56	3.03
Unlinked Passenger Trips/Vehicle Revenue Mile	2.18	.34

Motor Bus

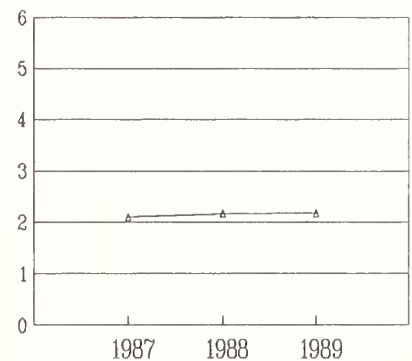
Passenger Trips Per Vehicle Revenue Mile



Operating Expense Per Passenger Mile



Passenger Trips Per Vehicle Revenue Mile



City of Detroit Department of Transportation (DDOT)

1301 E. Warren
Detroit, MI 48207
(313) 833-7025

Chief Executive Officer: Robert C. Polk,
Director

Section 15 ID Number: 5119

General Information (System Wide)

Urbanized Area (UZA) Statistics - 1980 Census Detroit, MI

Square Miles	1,044
Population	3,809,327
Population Ranking Out of 374 UZA's	5

Service Consumption

Annual Unlinked Trips	71,051,594
Annual Passenger Miles	265,672,525
Average Weekday Unlinked Trips	241,136
Average Saturday Unlinked Trips	126,908
Average Sunday Unlinked Trips	51,081

Service Supplied

Annual Vehicle Revenue Miles	22,404,287
Annual Vehicle Revenue Hours	1,820,909
Total Fleet	581
Vehicles Operated in Maximum Service	457
Base Period Requirement	291

Vehicles Operated in Maximum Service

	Directly Operated	Purchased Transportation
Motor Bus	457	0

Financial Information (System Wide)

Sources of Operating Funds

Passenger Fares	\$32,421,986
Local Assistance	35,251,135
State Assistance	47,231,669
Federal Assistance	13,000,853
Other Revenues	888,136
Total Operating Funds	(1989) \$128,793,779
	(1988) \$111,440,291
	(1987) \$119,378,743

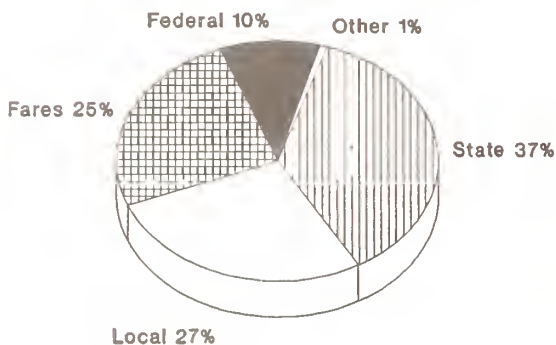
Total Operating Expenses

Salaries/Wages/Benefits	\$87,395,495
Purchased Transportation	0
Other Expenses	44,862,903
Total Operating Expenses	(1989) \$132,258,398
	(1988) \$119,205,231
	(1987) \$112,332,293

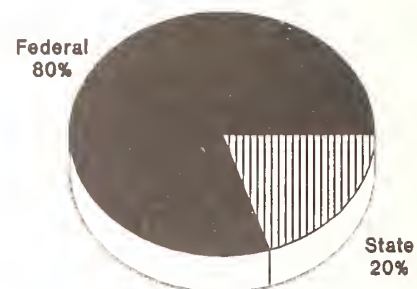
Sources of Capital Funds Expended

Local Assistance	\$0
State Assistance	72,794
UMTA Sec. 3 Discretionary	\$0
UMTA Sec. 9 Formula	291,173
UMTA Other Assistance	0
Other Federal Assistance	0
Federal Assistance Total	\$291,173
Other Capital Funds	0
Total Capital Funds Expended	(1989) \$363,967
	(1988) \$945,192
	(1987) \$1,301,975

Sources of Operating Funds



Sources of Capital Funds Expended



Motor Bus

Characteristics

Operating Expense	\$132,258,398
Annual Unlinked Trips	71,051,594
Annual Passenger Miles	265,672,525
Average Weekday Unlinked Trips	241,136
Annual Vehicle Revenue Hours	1,820,909
Annual Vehicle Revenue Miles	22,404,287
Fixed Guideway Directional Route Miles	0
Total Fleet	581
Vehicles Operated in Maximum Service	457
Base Period Requirement	291
Spare Ratio	27%

Performance Measures

Service Efficiency

Operating Expense/Vehicle Revenue Hour	\$72.63
Operating Expense/Vehicle Revenue Mile	5.90

Cost Effectiveness

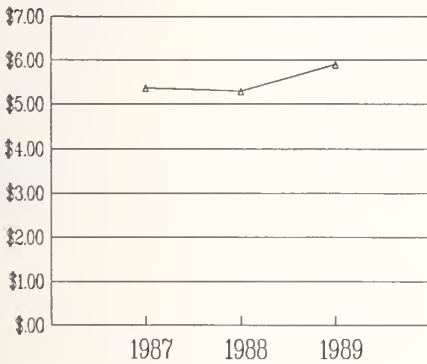
Operating Expense/Unlinked Passenger Trip	\$1.86
Operating Expense/Unlinked Passenger Mile	.50

Service Effectiveness

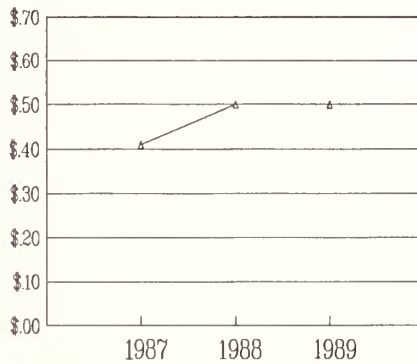
Unlinked Passenger Trips/Vehicle Revenue Hour	39.02
Unlinked Passenger Trips/Vehicle Revenue Mile	3.17

Motor Bus

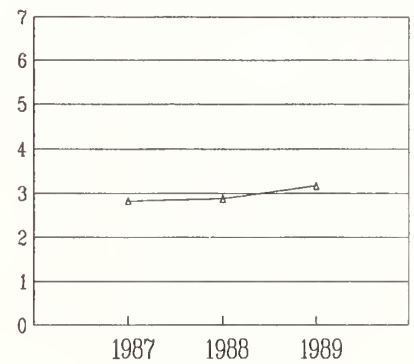
Operating Expense Per Vehicle Revenue Mile



Operating Expense Per Passenger Mile



Passenger Trips Per Vehicle Revenue Mile



Metropolitan Transit Authority of Harris County (METRO)

P.O. Box 61429 (1201 Louisiana)
Houston, Texas 77208
(713) 739-6925

Chief Executive Officer: Robert G. MacLennan,
General Manager

Section 15 ID Number: 6008
Secondary Providers: 6061, 6063, 6064, 6065

General Information (System Wide)

Urbanized Area (UZA) Statistics - 1980 Census Houston, TX

Square Miles	1,049
Population	2,412,664
Population Ranking Out of 374 UZA's	10

Service Consumption

Annual Unlinked Trips	83,492,862
Annual Passenger Miles	478,395,225
Average Weekday Unlinked Trips	291,558
Average Saturday Unlinked Trips	141,875
Average Sunday Unlinked Trips	57,533

Service Supplied

Annual Vehicle Revenue Miles	34,800,923
Annual Vehicle Revenue Hours	2,239,797
Total Fleet	1,423
Vehicles Operated in Maximum Service	1122
Base Period Requirement	691

Vehicles Operated in Maximum Service

	Directly Operated	Purchased Transportation
Motor Bus	718	145
Demand Response	62	75

Financial Information (System Wide)

Sources of Operating Funds

Passenger Fares	\$38,694,797
Local Assistance	0
State Assistance	
Federal Assistance	253,284
Other Revenues	41,756,518
Total Operating Funds	(1989) \$80,704,599
	(1988) \$83,786,914
	(1987) \$87,001,173

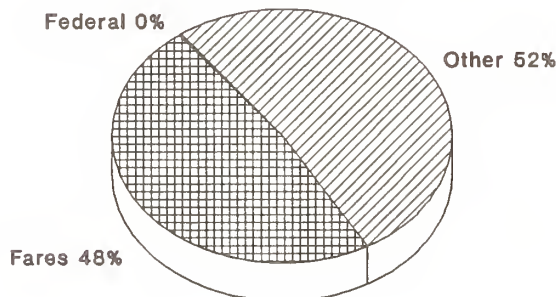
Total Operating Expenses

Salaries/Wages/Benefits	\$107,673,333
Purchased Transportation	8,352,951
Other Expenses	19,403,650
Total Operating Expenses	(1989) \$135,429,934
	(1988) \$134,148,779
	(1987) \$130,007,509

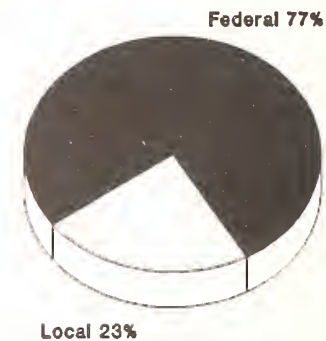
Sources of Capital Funds Expended

Local Assistance	\$7,799,459
State Assistance	0
UMTA Sec. 3 Discretionary	\$13,783,375
UMTA Sec. 9 Formula	11,936,136
UMTA Other Assistance	0
Other Federal Assistance	0
Federal Assistance Total	\$25,719,511
Other Capital Funds	0
Total Capital Funds Expended	(1989) \$33,518,970
	(1988) \$45,471,700
	(1987) \$41,136,803

Sources of Operating Funds



Sources of Capital Funds Expended



Metropolitan Transit Authority of Harris County (METRO)

	Motor Bus	Demand Response
Characteristics		
Operating Expense	\$130,508,831	\$4,921,103
Annual Unlinked Trips	82,975,389	517,473
Annual Passenger Miles	473,398,843	4,996,382
Average Weekday Unlinked Trips	288,687	2,891
Annual Vehicle Revenue Hours	1,966,761	273,036
Annual Vehicle Revenue Miles	29,891,068	4,909,855
Fixed Guideway Directional Route Miles	82	0
Total Fleet	1012	411
Vehicles Operated in Maximum Service	863	259
Base Period Requirement	432	259
Spare Ratio	17%	59%

Performance Measures

Service Efficiency

Operating Expense/Vehicle Revenue Hour	\$66.36	\$18.02
Operating Expense/Vehicle Revenue Mile	4.37	1.00

Cost Effectiveness

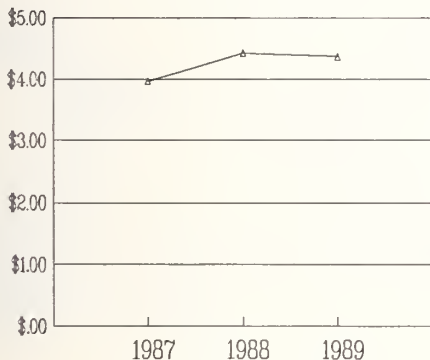
Operating Expense/Unlinked Passenger Trip	\$1.57	\$9.51
Operating Expense/Unlinked Passenger Mile	.28	.98

Service Effectiveness

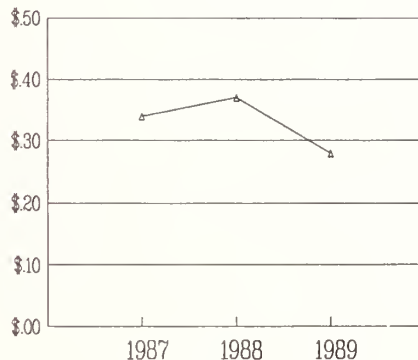
Unlinked Passenger Trips/Vehicle Revenue Hour	42.19	1.90
Unlinked Passenger Trips/Vehicle Revenue Mile	2.78	.11

Motor Bus

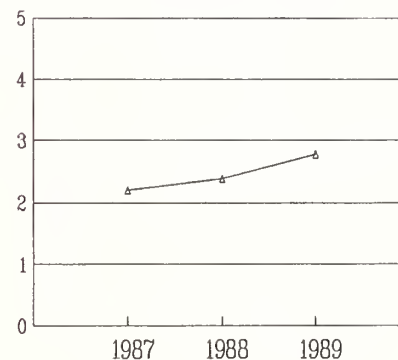
Operating Expense Per Vehicle Revenue Mile



Operating Expense Per Passenger Mile



Passenger Trips Per Vehicle Revenue Mile



Orange County Transit District (OCTD)

11222 Acacia Parkway, P.O. Box 3005
Garden Grove, CA 92642
(714) 638-9000

Chief Executive Officer: James P. Reichert,
General Manager

Section 15 ID Number: 9036

General Information (System Wide)

Urbanized Area (UZA) Statistics - 1980 Census Los Angeles - Long Beach, CA

Square Miles	1,827
Population	9,479,436
Population Ranking Out of 374 UZA's	2

Service Consumption

Annual Unlinked Trips	40,107,194
Annual Passenger Miles	177,917,189
Average Weekday Unlinked Trips	132,295
Average Saturday Unlinked Trips	69,040
Average Sunday Unlinked Trips	48,119

Service Supplied

Annual Vehicle Revenue Miles	18,744,194
Annual Vehicle Revenue Hours	1,385,766
Total Fleet	585
Vehicles Operated in Maximum Service	487
Base Period Requirement	393

Vehicles Operated in Maximum Service

	Directly Operated	Purchased Transportation
Motor Bus	331	27
Demand Response	0	122
Van Pool	7	0

Financial Information (System Wide)

Sources of Operating Funds

Passenger Fares	\$22,953,111
Local Assistance	56,193,175
State Assistance	984,285
Federal Assistance	9,869,412
Other Revenues	12,439,260
Total Operating Funds	(1989) \$102,439,243
	(1988) \$93,971,185
	(1987) \$90,500,687

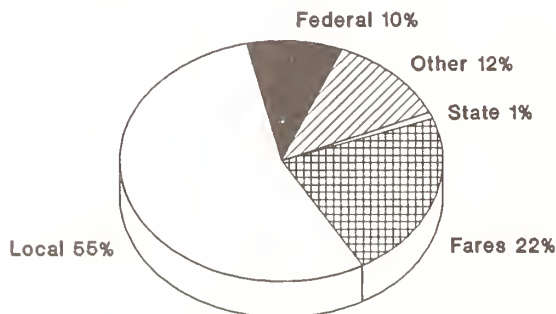
Total Operating Expenses

Salaries/Wages/Benefits	\$56,914,997
Purchased Transportation	9,400,948
Other Expenses	16,672,284
Total Operating Expenses	(1989) \$82,988,229
	(1988) \$79,896,327
	(1987) \$75,421,066

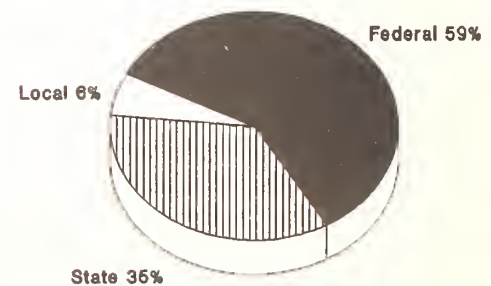
Sources of Capital Funds Expended

Local Assistance	\$440,000
State Assistance	2,506,860
UMTA Sec. 3 Discretionary	\$165,248
UMTA Sec. 9 Formula	4,069,878
UMTA Other Assistance	0
Other Federal Assistance	0
Federal Assistance Total	\$4,235,126
Other Capital Funds	0
Total Capital Funds Expended	(1989) \$7,181,986
	(1988) \$13,622,894
	(1987) \$8,393,628

Sources of Operating Funds



Sources of Capital Funds Expended



Orange County Transit District (OCTD)

Characteristics

	Motor Bus	Demand Response	Van Pool
Operating Expense	\$77,020,718	\$5,904,792	\$62,719
Annual Unlinked Trips	38,750,802	1,350,341	6,051
Annual Passenger Miles	172,208,703	5,414,868	293,618
Average Weekday Unlinked Trips	127,227	5,045	23
Annual Vehicle Revenue Hours	1,180,799	203,218	1,749
Annual Vehicle Revenue Miles	15,907,442	2,786,044	50,708
Fixed Guideway Directional Route Miles	0	0	0
Total Fleet	450	128	7
Vehicles Operated in Maximum Service	358	122	7
Base Period Requirement	283	103	7
Spare Ratio	26%	5%	0%

Performance Measures

Service Efficiency

	Motor Bus	Demand Response	Van Pool
Operating Expense/Vehicle Revenue Hour	\$65.23	\$29.06	\$35.86
Operating Expense/Vehicle Revenue Mile	4.84	2.12	1.24

Cost Effectiveness

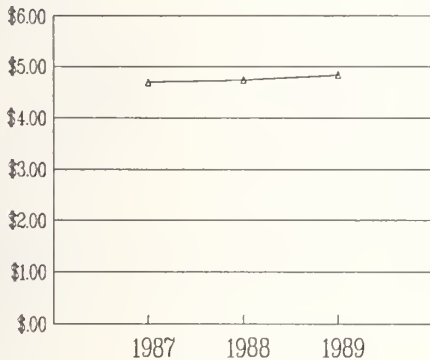
	Motor Bus	Demand Response	Van Pool
Operating Expense/Unlinked Passenger Trip	\$1.99	\$4.37	\$10.37
Operating Expense/Unlinked Passenger Mile	.45	1.09	.21

Service Effectiveness

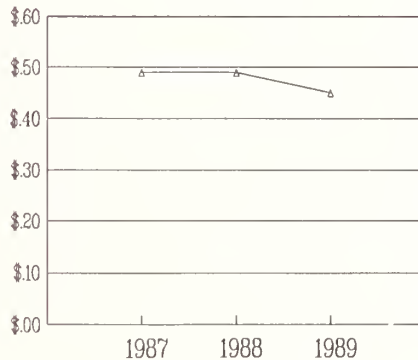
	Motor Bus	Demand Response	Van Pool
Unlinked Passenger Trips/Vehicle Revenue Hour	32.82	6.64	3.46
Unlinked Passenger Trips/Vehicle Revenue Mile	2.44	.48	.12

Motor Bus

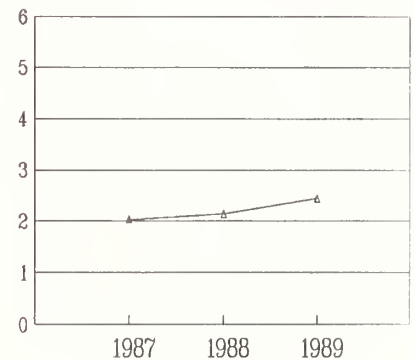
Operating Expense Per Vehicle Revenue Mile



Operating Expense Per Passenger Mile

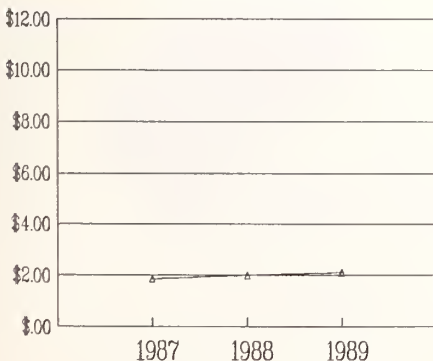


Passenger Trips Per Vehicle Revenue Mile

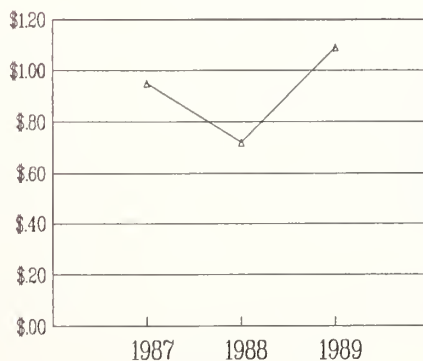


Demand Response

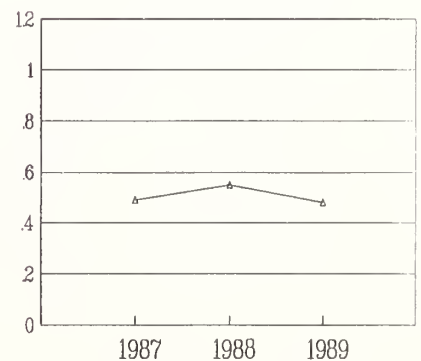
Operating Expense Per Vehicle Revenue Mile



Operating Expense Per Passenger Mile



Passenger Trips Per Vehicle Revenue Mile



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 - 1980 Census Los Angeles - Long Beach, CA

Square Miles	1,827
Population	9,479,436
Population Ranking Out of 374 UZA's	2

Service Consumption

Annual Unlinked Trips	411,820,000
Annual Passenger Miles	1,648,700,000
Average Weekday Unlinked Trips	1,311,920
Average Saturday Unlinked Trips	846,256
Average Sunday Unlinked Trips	596,389

Service Characteristics

Annual Vehicle Revenue Miles	86,149,740
Annual Vehicle Revenue Hours	6,861,503
Total Fleet	2,387
Vehicles Operated in Maximum Service	1,939
Base Period Requirement	1,253

Vehicles Operated in Maximum Service

	Directly Operated	Purchased Transportation
Motor Bus	1,939	0

Financial Information (System Wide)

Sources of Operating Funds

Passenger Fares	\$230,858,774
Local Assistance	242,268,259
State Assistance	693,754
Federal Assistance	48,869,812
Other Revenues	10,426,111
Total Operating Funds	(1989) \$533,116,710
	(1988) \$504,421,394
	(1987) \$490,075,802

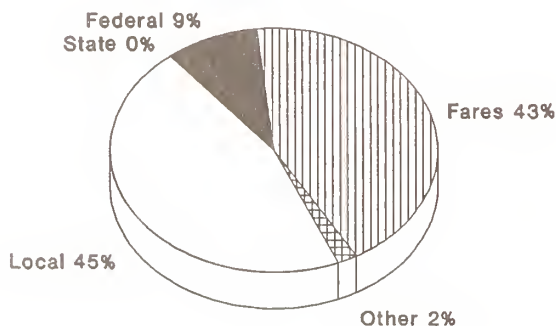
Total Operating Expenses

Salaries/Wages/Benefits	\$415,246,667
Purchased Transportation	0
Other Expenses	105,642,287
Total Operating Expenses	(1989) \$520,888,954
	(1988) \$492,576,499
	(1987) \$475,538,684

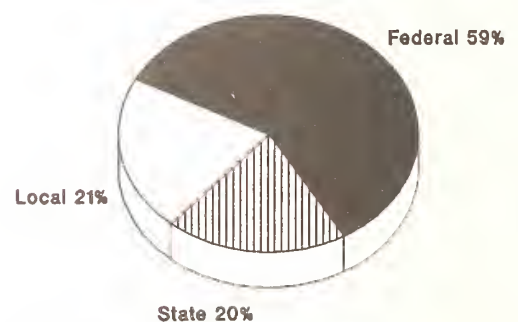
Sources of Capital Funds Expended

Local Assistance	\$68,725,461
State Assistance	63,059,303
UMTA Sec. 3 Discretionary	\$100,609,351
UMTA Sec. 9 Formula	86,912,509
UMTA Other Assistance	1,730,812
Other Federal Assistance	0
Federal Assistance Total	\$189,252,672
Other Capital Funds	0
Total Capital Funds Expended	(1989) \$321,037,436
	(1988) \$175,466,556
	(1987) \$120,485,463

Sources of Operating Funds



Sources of Capital Funds Expended



Southern California Rapid Transit District (SCRTD)

Motor Bus

Characteristics

Operating Expense	\$520,888,954
Annual Unlinked Trips	411,820,000
Annual Passenger Miles	1,648,700,000
Average Weekday Unlinked Trips	1,311,920
Annual Vehicle Revenue Hours	6,861,503
Annual Vehicle Revenue Miles	86,149,740
Fixed Guideway Directional Route Miles	23
Total Fleet	2,387
Vehicles Operated in Maximum Service	1,939
Base Period Requirement	1,253
Spare Ratio	23%

Performance Measures

Service Efficiency

Operating Expense/Vehicle Revenue Hour	\$75.91
Operating Expense/Vehicle Revenue Mile	6.05

Cost Effectiveness

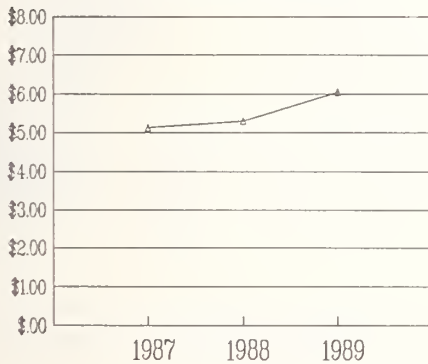
Operating Expense/Unlinked Passenger Trip	\$1.26
Operating Expense/Unlinked Passenger Mile	.32

Service Effectiveness

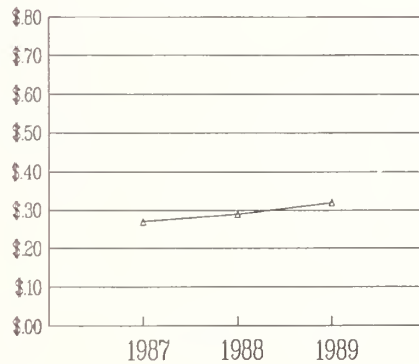
Unlinked Passenger Trips/Vehicle Revenue Hour	60.02
Unlinked Passenger Trips/Vehicle Revenue Mile	4.78

Motor Bus

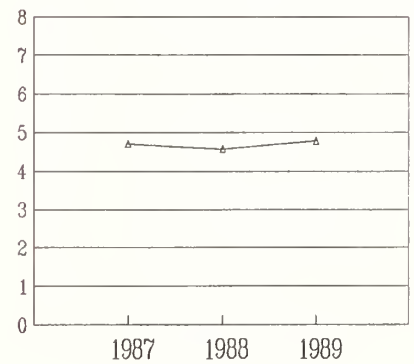
Operating Expense Per Vehicle Revenue Mile



Operating Expense Per Passenger Mile



Passenger Trips Per Vehicle Revenue Mile



Metro-Dade County Transit Agency (METRO)

111 N.W. First Street
P.O. Box 010791
Miami, FL 33101
(305) 375-3244

Chief Executive Officer: Chester E. Colby,
Director

Section 15 ID Number: 4034
Secondary Provider: 4075

General Information (System Wide)

Urbanized Area (UZA) Statistics - 1980 Census Miami, FL

Square Miles	340
Population	1,608,159
Population Ranking Out of 374 UZA's	18

Service Consumption

Annual Unlinked Trips	6,277,1427
Annual Passenger Miles	333,715,306
Average Weekday Unlinked Trips	251,198
Average Saturday Unlinked Trips	141,203
Average Sunday Unlinked Trips	82,755

Service Supplied

Annual Vehicle Revenue Miles	30,222,132
Annual Vehicle Revenue Hours	2,337,535
Total Fleet	854
Vehicles Operated in Maximum Service	693
Base Period Requirement	544

Vehicles Operated in Maximum Service

	Directly Operated	Purchased Transportation
Motor Bus	413	67
Rapid Rail	70	0
Automated Guideway	11	0
Demand Response	0	132

Financial Information (System Wide)

Sources of Operating Funds

Passenger Fares	\$45,942,242
Local Assistance	92,706,039
State Assistance	2,904,996
Federal Assistance	11,456,062
Other Revenues	2,914,992
Total Operating Funds	(1989) \$155,924,331
	(1988) \$148,332,170
	(1987) \$143,589,902

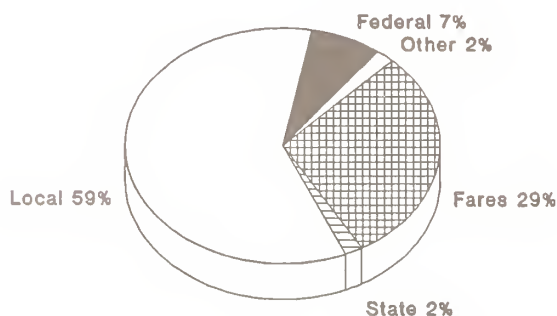
Total Operating Expenses

Salaries/Wages/Benefits	\$103,446,462
Purchased Transportation	11,461,953
Other Expenses	36,394,498
Total Operating Expenses	(1989) \$151,302,913
	(1988) \$142,546,887
	(1987) \$142,739,681

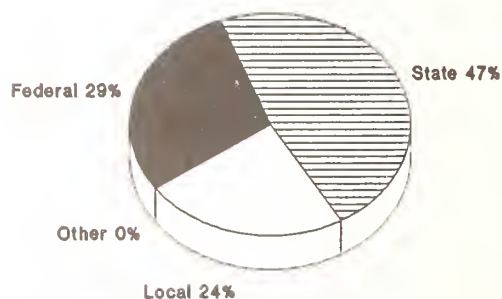
Sources of Capital Funds Expended

Local Assistance	\$5,206,299
State Assistance	10,442,144
UMTA Sec. 3 Discretionary	\$478,215
UMTA Sec. 9 Formula	5,531,183
UMTA Other Assistance	339,825
Other Federal Assistance	0
Federal Assistance Total	\$6,349,223
Other Capital Funds	1,085
Total Capital Funds Expended	(1989) \$21,998,751
	(1988) \$37,504,204
	(1987) \$46,898,696

Sources of Operating Funds



Sources of Capital Funds Expended



Metro-Dade County Transit Agency (METRO)

	Motor Bus	Rapid Rail	Demand Response	Automated Guideway
Characteristics				
Operating Expense	\$97,788,900	\$38,161,835	\$9,024,188	\$6,327,990
Annual Unlinked Trips	60,324,006	12,127,900	520,236	3,305,000
Annual Passenger Miles	230,522,849	95,449,870	4,915,421	2,827,166
Average Weekday Unlinked Trips	197,371	40,808	1,761	11,258
Annual Vehicle Revenue Hours	1,694,390	194,549	415,616	32,980
Annual Vehicle Revenue Miles	21,021,170	4,656,483	4,185,675	358,804
Fixed Guideway Directional Route Miles	15	42	0	4
Total Fleet	576	134	132	12
Vehicles Operated in Maximum Service	480	70	132	11
Base Period Requirement	372	32	132	8
Spare Ratio	20%	91%	0%	9%

Performance Measures

Service Efficiency

Operating Expense/Vehicle Revenue Hour	\$57.71	\$196.16	\$21.71	\$191.87
Operating Expense/Vehicle Revenue Mile	4.65	8.20	2.16	17.64

Cost Effectiveness

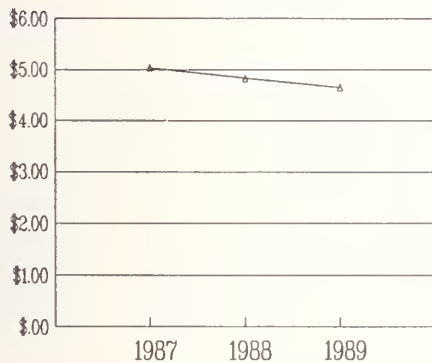
Operating Expense/Unlinked Passenger Trip	\$1.62	\$3.15	\$17.35	\$1.91
Operating Expense/Unlinked Passenger Mile	.42	.40	1.84	2.24

Service Effectiveness

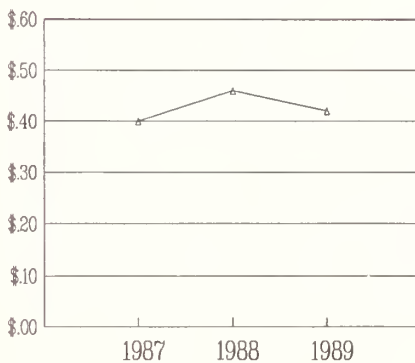
Unlinked Passenger Trips/Vehicle Revenue Hour	35.60	62.34	1.25	100.21
Unlinked Passenger Trips/Vehicle Revenue Mile	2.87	2.60	.12	9.21

Motor Bus

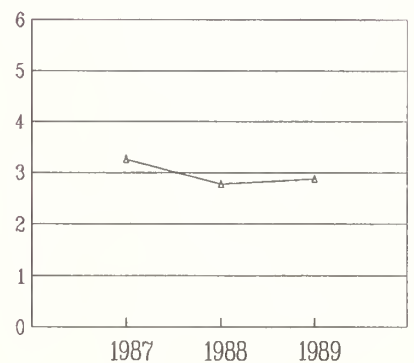
Operating Expense Per Vehicle Revenue Mile



Operating Expense Per Passenger Mile

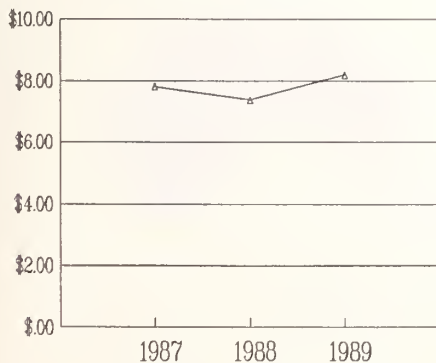


Passenger Trips Per Vehicle Revenue Mile

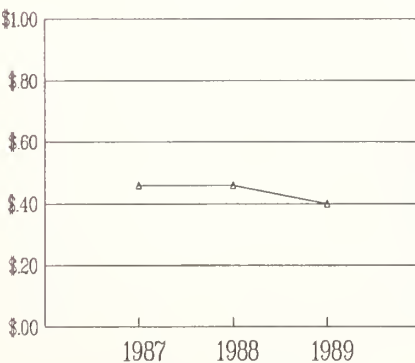


Rapid Rail

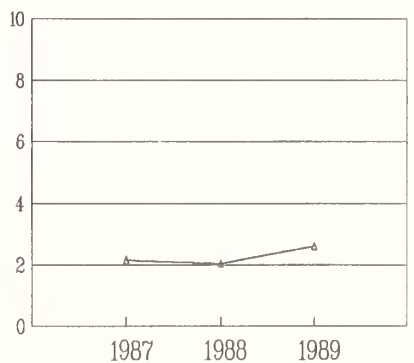
Operating Expense Per Vehicle Revenue Mile



Operating Expense Per Passenger Mile



Passenger Trips Per Vehicle Revenue Mile



Metropolitan Transit Commission (MTC)

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

Chief Executive Officer: Vacant

Section 15 ID Number: 5027

General Information (System Wide)

Urbanized Area (UZA) Statistics - 1980 Census Minneapolis - St. Paul, MN

Square Miles	980
Population	1,787,564
Population Ranking Out of 374 UZA's	13

Service Consumption

Annual Unlinked Trips	70,839,949
Annual Passenger Miles	267,800,518
Average Weekday Unlinked Trips	241,242
Average Saturday Unlinked Trips	114,134
Average Sunday Unlinked Trips	62,394

Service Supplied

Annual Vehicle Revenue Miles	21,339,085
Annual Vehicle Revenue Hours	1,541,830
Total Fleet	929
Vehicles Operated in Maximum Service	837
Base Period Requirement	273

Vehicles Operated in Maximum Service

	Directly Operated	Purchased Transportation
Motor Bus	833	4

Financial Information (System Wide)

Sources of Operating Funds

Passenger Fares		\$32,065,017
Local Assistance		65,756,532
State Assistance		0
Federal Assistance		7,433,609
Other Revenues		5,033,322
Total Operating Funds	(1989)	\$110,288,480
	(1988)	\$123,085,311
	(1987)	\$109,825,988

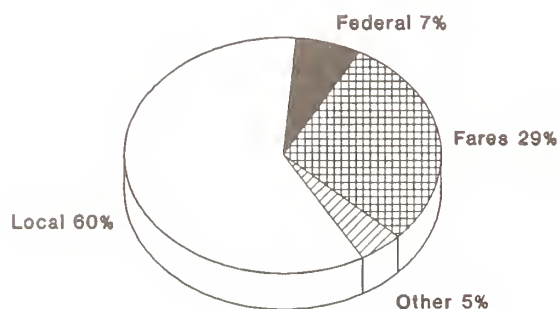
Total Operating Expenses

Salaries/Wages/Benefits		\$84,735,063
Purchased Transportation		176,704
Other Expenses		18,450,910
Total Operating Expenses	(1989)	\$103,362,677
	(1988)	\$98,053,871
	(1987)	\$97,774,261

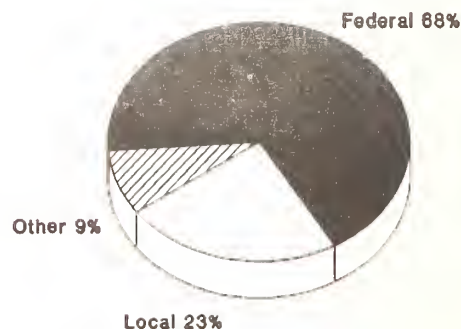
Sources of Capital Funds Expended

Local Assistance		\$5,853,602
State Assistance		0
UMTA Sec. 3 Discretionary	\$2,489,266	
UMTA Sec. 9 Formula	9,485,646	
UMTA Other Assistance	0	
Other Federal Assistance	4,964,707	
Federal Assistance Total		\$16,939,619
Other Capital Funds		2,217,467
Total Capital Funds Expended	(1989)	\$25,010,688
	(1988)	\$18,924,321
	(1987)	\$15,692,600

Sources of Operating Funds



Sources of Capital Funds Expended



Motor Bus

Characteristics

Operating Expense	\$103,362,677
Annual Unlinked Trips	70,839,949
Annual Passenger Miles	267,800,518
Average Weekday Unlinked Trips	241,242
Annual Vehicle Revenue Hours	1,541,830
Annual Vehicle Revenue Miles	21,339,085
Fixed Guideway Directional Route Miles	11
Total Fleet	929
Vehicles Operated in Maximum Service	837
Base Period Requirement	273
Spare Ratio	11%

Performance Measures

Service Efficiency

Operating Expense/Vehicle Revenue Hour	\$67.04
Operating Expense/Vehicle Revenue Mile	4.84

Cost Effectiveness

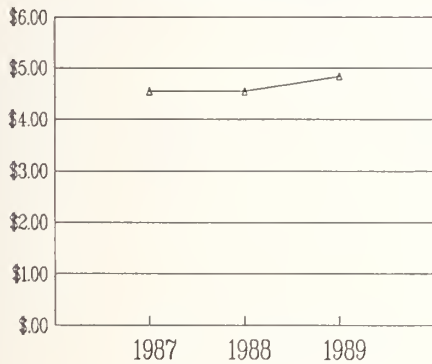
Operating Expense/Unlinked Passenger Trip	\$1.46
Operating Expense/Unlinked Passenger Mile	.39

Service Effectiveness

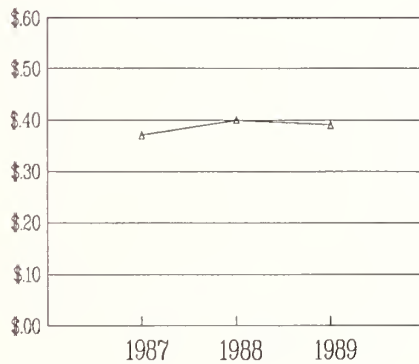
Unlinked Passenger Trips/Vehicle Revenue Hour	45.95
Unlinked Passenger Trips/Vehicle Revenue Mile	3.32

Motor Bus

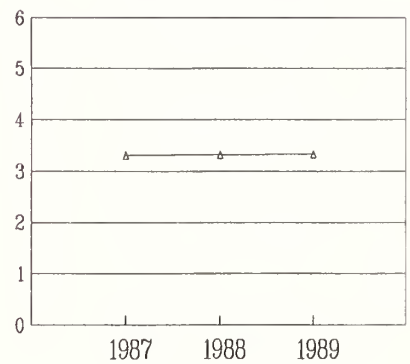
Operating Expense Per Vehicle Revenue Mile



Operating Expense Per Passenger Mile



Passenger Trips Per Vehicle Revenue Mile



Long Island Railroad Company (LIRR)

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

Chief Executive Officer: Peter E. Stangel,
Acting President

Section 15 ID Number: 2100

General Information (System Wide)

Urbanized Area (UZA) Statistics - 1980 Census New York, NY - Northeastern NJ

Square Miles	2,808
Population	15,590,274
Population Ranking Out of 374 UZA's	1

Service Consumption

Annual Unlinked Trips	96,171,000
Annual Passenger Miles	2,117,068,376
Average Weekday Unlinked Trips	338,000
Average Saturday Unlinked Trips	102,000
Average Sunday Unlinked Trips	85,000

Service Supplied

Annual Vehicle Revenue Miles	57,061,690
Annual Vehicle Revenue Hours	1,914,350
Total Fleet	1,243
Vehicles Operated in Maximum Service	1,040
Base Period Requirement	470

Vehicles Operated in Maximum Service

	<u>Directly Operated</u>	<u>Purchased Transportation</u>
Commuter Rail	1,040	0

Financial Information (System Wide)

Sources of Operating Funds

Passenger Fares	\$266,744,217
Local Assistance	0
State Assistance	0
Federal Assistance	0
Other Revenues	21,492,921
Total Operating Funds	(1989) \$288,237,138
	(1988) \$285,596,675
	(1987) \$272,292,230

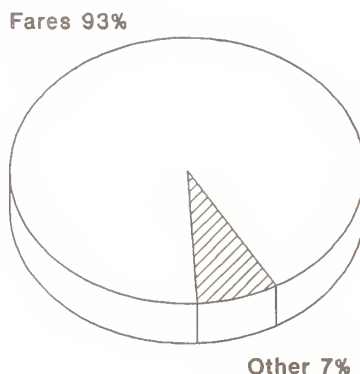
Total Operating Expenses

Salaries/Wages/Benefits	\$507,438,150
Purchased Transportation	0
Other Expenses	86,019,253
Total Operating Expenses	(1989) \$593,457,403
	(1988) \$514,063,815
	(1987) \$490,357,508

Sources of Capital Funds Expended

Local Assistance	\$0
State Assistance	0
UMTA Sec. 3 Discretionary	\$0
UMTA Sec. 9 Formula	0
UMTA Other Assistance	0
Other Federal Assistance	0
Federal Assistance Total	0
Other Capital Funds	0
Total Capital Funds Expended	(1989) \$0
	(1988) \$0
	(1987) \$0

Sources of Operating Funds



Long Island Railroad Company (LIRR)

Commuter Rail

Characteristics

Operating Expense	\$593,457,403
Annual Unlinked Trips	96,171,000
Annual Passenger Miles	2,117,068,376
Average Weekday Unlinked Trips	338,000
Annual Vehicle Revenue Hours	1,914,350
Annual Vehicle Revenue Miles	57,061,690
Fixed Guideway Directional Route Miles	623
Total Fleet	1,243
Vehicles Operated in Maximum Service	1,040
Base Period Requirement	470
Spare Ratio	20%

Performance Measures

Service Efficiency

Operating Expense/Vehicle Revenue Hour	\$310.00
Operating Expense/Vehicle Revenue Mile	10.40

Cost Effectiveness

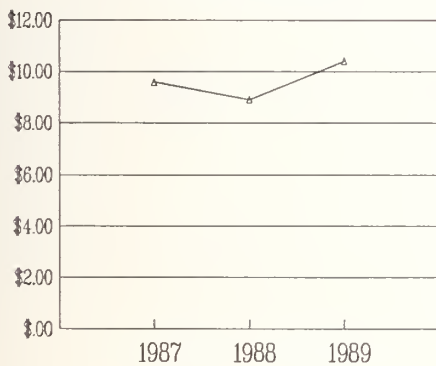
Operating Expense/Unlinked Passenger Trip	\$6.17
Operating Expense/Unlinked Passenger Mile	.28

Service Effectiveness

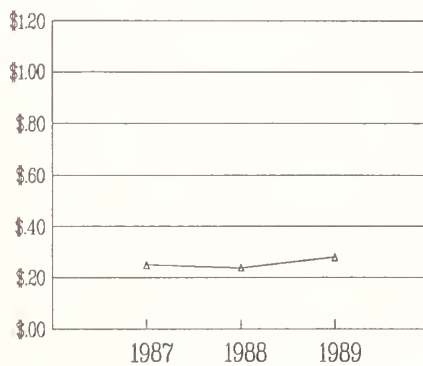
Unlinked Passenger Trips/Vehicle Revenue Hour	50.24
Unlinked Passenger Trips/Vehicle Revenue Mile	1.69

Commuter Rail

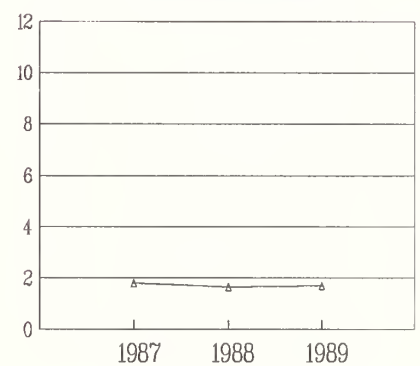
Operating Expense Per Vehicle Revenue Mile



Operating Expense Per Passenger Mile



Passenger Trips Per Vehicle Revenue Mile



Metro-North Commuter Railroad Company (Metro-North)

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

Chief Executive Officer: Peter E. Stangel,
President

Section 15 ID Number: 2078

General Information (System Wide)

Urbanized Area (UZA) Statistics - 1980 Census New York, NY - Northeastern NJ, Bridgeport, CT New Haven, CT

Square Miles	3,128
Population	15,590,274
Population Ranking Out of 374 UZA's	1
Other UZA's Served	63,73

Service Consumption

Annual Unlinked Trips	57,343,710
Annual Passenger Miles	1,535,405,060
Average Weekday Unlinked Trips	200,913
Average Saturday Unlinked Trips	66,986
Average Sunday Unlinked Trips	53,456

Service Supplied

Annual Vehicle Revenue Miles	35,044,992
Annual Vehicle Revenue Hours	959,814
Total Fleet	805
Vehicles Operated in Maximum Service	664
Base Period Requirement	640

Vehicles Operated in Maximum Service

	<u>Directly Operated</u>	<u>Purchased Transportation</u>
Commuter Rail	664	0

Financial Information (System Wide)

Sources of Operating Funds

Passenger Fares	\$199,912,853
Local Assistance	0
State Assistance	0
Federal Assistance	0
Other Revenues	21,581,178
Total Operating Funds	(1989) \$221,494,031
	(1988) \$213,640,200
	(1987) \$210,977,106

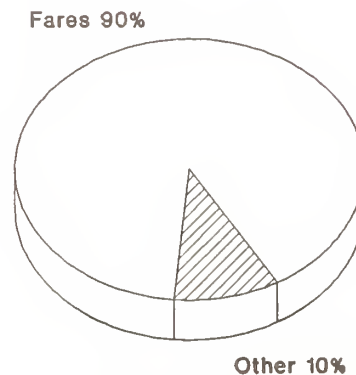
Total Operating Expenses

Salaries/Wages/Benefits	\$279,720,334
Purchased Transportation	0
Other Expenses	122,044,530
Total Operating Expenses	(1989) \$401,764,864
	(1988) \$375,635,993
	(1987) \$375,202,174

Sources of Capital Funds Expended

Local Assistance	\$0
State Assistance	0
UMTA Sec. 3 Discretionary	\$0
UMTA Sec. 9 Formula	0
UMTA Other Assistance	0
Other Federal Assistance	0
Federal Assistance Total	\$0
Other Capital Funds	0
Total Capital Funds Expended	(1989) \$0
	(1988) \$0
	(1987) \$0

Sources of Operating Funds



Metro-North Commuter Railroad Company (Metro-North)

Commuter Rail

Characteristics

Operating Expense	\$401,764,864
Annual Unlinked Trips	57,343,710
Annual Passenger Miles	1,535,405,060
Average Weekday Unlinked Trips	200,913
Annual Vehicle Revenue Hours	959,814
Annual Vehicle Revenue Miles	35,044,992
Fixed Guideway Directional Route Miles	536
Total Fleet	805
Vehicles Operated in Maximum Service	664
Base Period Requirement	640
Spare Ratio	21%

Performance Measures

Service Efficiency

Operating Expense/Vehicle Revenue Hour	\$418.59
Operating Expense/Vehicle Revenue Mile	11.46

Cost Effectiveness

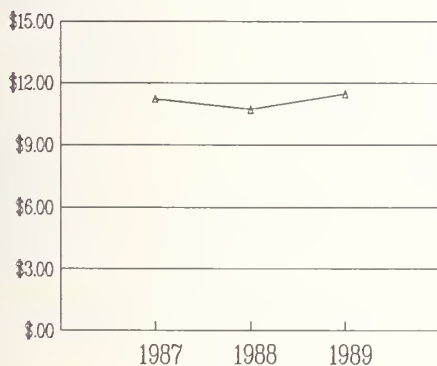
Operating Expense/Unlinked Passenger Trip	\$7.01
Operating Expense/Unlinked Passenger Mile	.26

Service Effectiveness

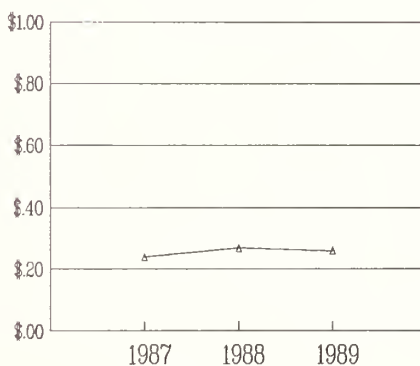
Unlinked Passenger Trips/Vehicle Revenue Hour	59.74
Unlinked Passenger Trips/Vehicle Revenue Mile	1.64

Commuter Rail

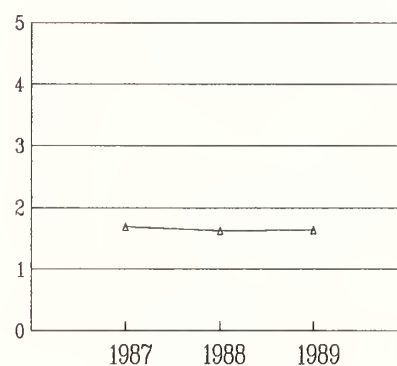
Operating Expense Per
Vehicle Revenue Mile



Operating Expense Per
Passenger Mile



Passenger Trips Per
Vehicle Revenue Mile



New Jersey Transit Corporation-Consolidated (NJ Transit)

McCarter Highway and Market Street
P.O. Box 10009
Newark, NJ 07101
(201) 643-4529

Chief Executive Officer: Shirley A. DeLibero,
Executive Director

Section 15 ID Number: 2080
Secondary Providers: 2122, 2123, 2124, 2125, 2126,
2127, 2128, 2129, and 2132

General Information (System Wide)

Urbanized Area (UZA) Statistics - 1980 Census
New York, NY - Northeastern NJ, Philadelphia,
PA - NJ, Wilmington DE - NJ - MD

Square Miles	3,994
Population	20,109,319
Population Ranking Out of 374 UZA's	1
Other UZA's Served	1,465

Service Consumption

Annual Unlinked Trips	228,761,124
Annual Passenger Miles	2,736,654,053
Average Weekday Unlinked Trips	787,444
Average Saturday Unlinked Trips	359,865
Average Sunday Unlinked Trips	195,558

Service Supplied

Annual Vehicle Revenue Miles	138,697,998
Annual Vehicle Revenue Hours	6,632,583
Total Fleet	4,171
Vehicles Operated in Maximum Service	3,352
Base Period Requirement	1,641

Vehicles Operated in Maximum Service

	Directly Operated	Purchased Transportation
Motor Bus	1,648	1,017
Commuter Rail	613	52
Street Car	22	0

Financial Information (System Wide)

Sources of Operating Funds

Passenger Fare	\$311,699,161
Local Assistance	0
State Assistance	233,353,085
Federal Assistance	50,050,630
Other Revenues	25,567,947
Total Operating Funds	(1989) \$620,670,823
	(1988) \$589,866,537
	(1987) \$540,457,146

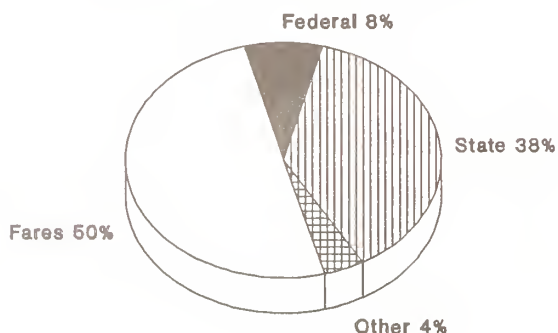
Total Operating Expenses

Salaries/Wages/Benefits	\$377,017,357
Purchased Transportation	41,458,884
Other Expenses	182,255,061
Total Operating Expenses	(1989) \$600,731,302
	(1988) \$567,353,780
	(1987) \$532,838,709

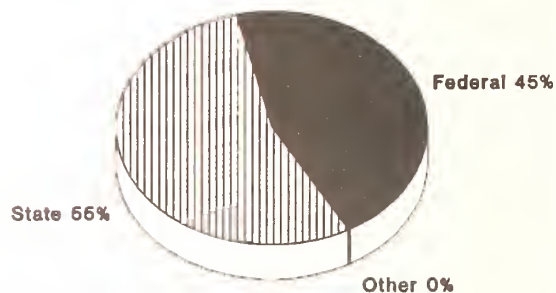
Sources of Capital Funds Expended

Local Assistance	\$0
State Assistance	106,164,613
UMTA Sec. 3 Discretionary	\$21,731,176
UMTA Sec. 9 Formula	64,097,157
UMTA Other Assistance	2,351,960
Other Federal Assistance	0
Federal Assistance Total	\$88,180,293
Other Capital Funds	321,147
Total Capital Funds Expended	(1989) \$194,666,053
	(1988) \$291,477,136
	(1987) \$240,528,162

Sources of Operating Funds



Sources of Capital Funds Expended



New Jersey Transit Corporation-Consolidated (NJ Transit)

Characteristics	Motor Bus	Commuter Rail	Street Car
Operating Expense	\$316,703,469	\$280,362,845	\$3,664,988
Annual Unlinked Trips	180,459,113	44,237,068	4,064,943
Annual Passenger Miles	1,658,556,053	1,069,967,100	8,130,900
Average Weekday Unlinked Trips	627,627	145,837	13,980
Annual Vehicle Revenue Hours	5,444,137	1,146,278	42,168
Annual Vehicle Revenue Miles	102,419,999	35,655,949	622,050
Fixed Guideway Directional Route Miles	33	938	8
Total Fleet	3,150	997	24
Vehicles Operated in Maximum Service	2,665	665	22
Base Period Requirement	1,001	633	7
Spare Ratio	18%	50%	9%

Performance Measures

Service Efficiency

Operating Expense/Vehicle Revenue Hour	\$58.17	\$244.59	\$86.91
Operating Expense/Vehicle Revenue Mile	3.09	7.86	5.89

Cost Effectiveness

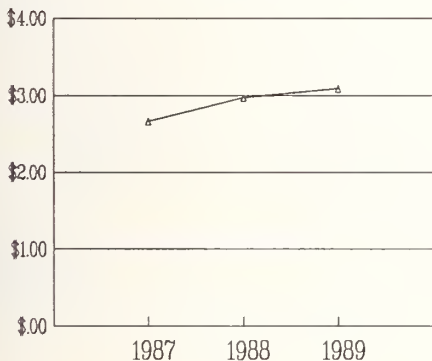
Operating Expense/Unlinked Passenger Trip	\$1.75	\$6.34	\$.90
Operating Expense/Unlinked Passenger Mile	.19	.26	.45

Service Effectiveness

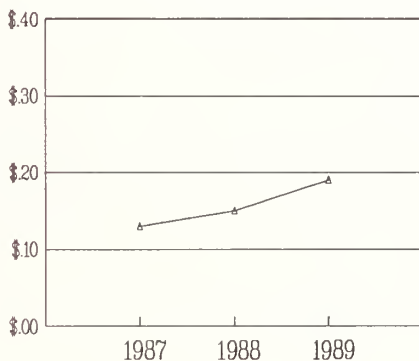
Unlinked Passenger Trips/Vehicle Revenue Hour	33.15	38.59	96.40
Unlinked Passenger Trips/Vehicle Revenue Mile	1.76	1.24	6.53

Motor Bus

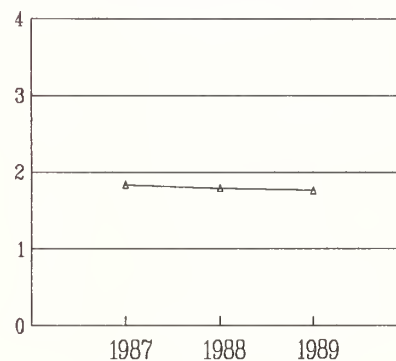
Operating Expense Per Vehicle Revenue Mile



Operating Expense Per Passenger Mile

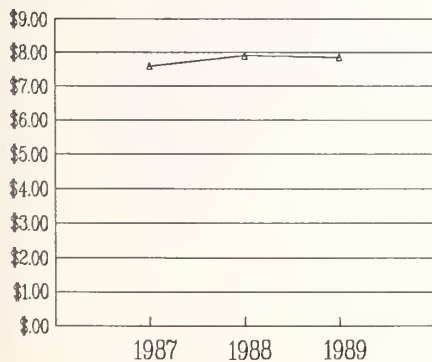


Passenger Trips Per Vehicle Revenue Mile

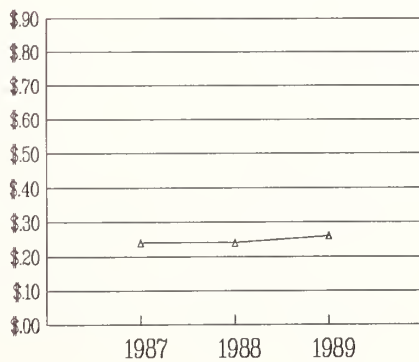


Commuter Rail

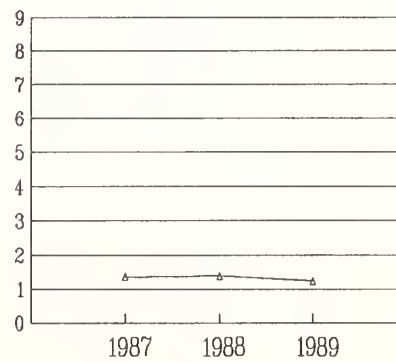
Operating Expense Per Vehicle Revenue Mile



Operating Expense Per Passenger Mile



Passenger Trips Per Vehicle Revenue Mile



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 - 1980 Census New York, NY - Northeastern NJ

Square Miles	2,808
Population	15,590,274
Population Ranking Out of 374 UZA's	1

Service Consumption

Annual Unlinked Trips	2,455,640,961
Annual Passenger Miles	8,891,035,887
Average Weekday Unlinked Trips	8,413,991
Average Saturday Unlinked Trips	3,402,807
Average Sunday Unlinked Trips	2,474,155

Service Supplied

Annual Vehicle Revenue Miles	406,870,428
Annual Vehicle Revenue Hours	29,372,650
Total Fleet	9,924
Vehicles Operated in Maximum Service	8,127
Base Period Requirement	4,967

Vehicles Operated in Maximum Service

	Directly Operated	Purchased Transportation
Rapid Rail	5,024	0
Motor Bus	3,103	0

Financial Information (System Wide)

Sources of Operating Funds

Passenger Fares	\$1,392,801,387
Local Assistance	830,907,303
State Assistance	550,467,139
Federal Assistance	72,947,541
Other Revenues	279,033,388
Total Operating Funds	(1989) \$3,126,156,758
	(1988) \$3,173,506,363
	(1987) \$3,189,174,841

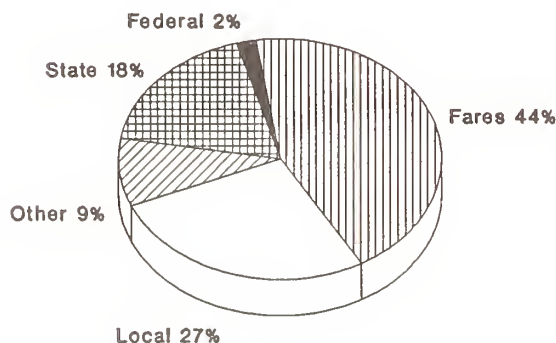
Total Operating Expenses

Salaries/Wages/Benefits	\$2,721,468,553
Purchased Transportation	0
Other Expenses	649,801,761
Total Operating Expenses	(1989) \$3,371,270,314
	(1988) \$3,211,412,588
	(1987) \$2,935,931,567

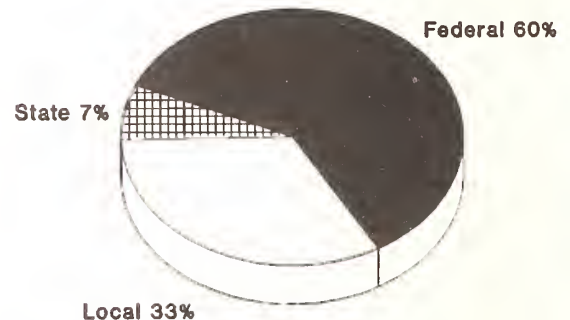
Sources of Capital Funds Expended

Local Assistance	\$264,250,056
State Assistance	57,722,847
UMTA Sec. 3 Discretionary	\$105,013,778
UMTA Sec. 9 Formula	342,847,918
UMTA Other Assistance	15,219,043
Other Federal Assistance	7,241,628
Federal Assistance Total	\$470,322,368
Other Capital Funds	0
Total Capital Funds Expended	(1989) \$792,295,271
	(1988) \$802,857,055
	(1987) \$744,894,314

Sources of Operating Funds



Sources of Capital Funds Expended



New York City Transit Authority (NYCTA)

Motor Bus

Rapid Rail

Characteristics

	Motor Bus	Rapid Rail
Operating Expense	\$944,820,244	\$2,426,450,070
Annual Unlinked Trips	753,030,211	1,702,610,750
Annual Passenger Miles	1,514,915,338	7,376,120,549
Average Weekday Unlinked Trips	2,511,784	5,902,207
Annual Vehicle Revenue Hours	11,988,748	17,383,902
Annual Vehicle Revenue Miles	94,675,839	312,194,589
Fixed Guideway Directional Route Miles	493	34
Total Fleet	3,818	6,106
Vehicles Operated in Maximum Service	3,103	5,024
Base Period Requirement	1,874	3,093
Spare Ratio	23%	22%

Performance Measures

Service Efficiency

	Motor Bus	Rapid Rail
Operating Expense/Vehicle Revenue Hour	\$78.81	\$139.58
Operating Expense/Vehicle Revenue Mile	9.98	7.77

Cost Effectiveness

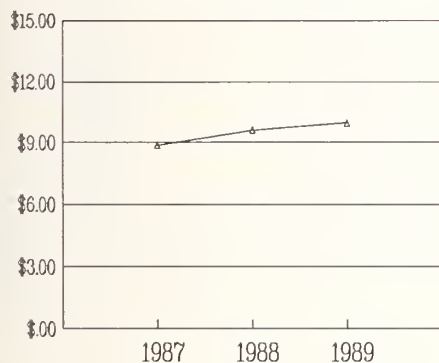
	Motor Bus	Rapid Rail
Operating Expense/Unlinked Passenger Trip	\$1.25	\$1.43
Operating Expense/Unlinked Passenger Mile	.62	.33

Service Effectiveness

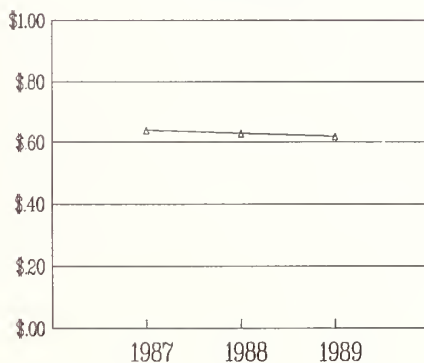
	Motor Bus	Rapid Rail
Unlinked Passenger Trips/Vehicle Revenue Hour	62.81	97.94
Unlinked Passenger Trips/Vehicle Revenue Mile	7.95	5.45

Motor Bus

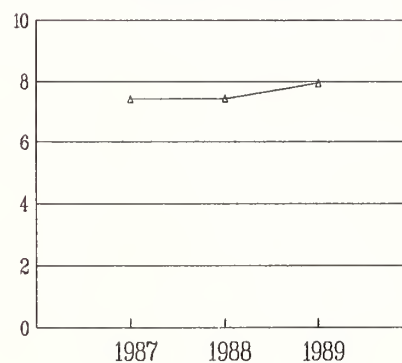
Operating Expense Per Vehicle Revenue Mile



Operating Expense Per Passenger Mile

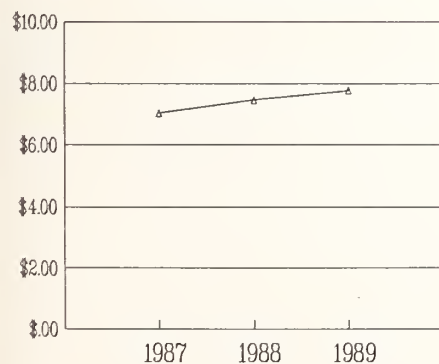


Passenger Trips Per Vehicle Revenue Mile

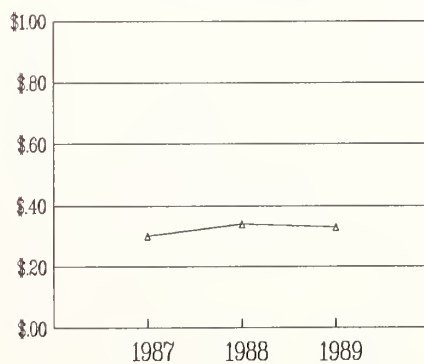


Rapid Rail

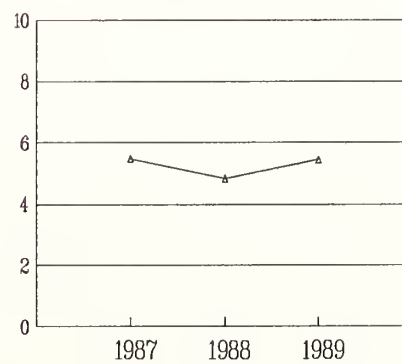
Operating Expense Per Vehicle Revenue Mile



Operating Expense Per Passenger Mile



Passenger Trips Per Vehicle Revenue Mile



Port Authority Trans-Hudson Corporation (PATH)

One World Trade Center
New York, NY 10048
(212) 313-2311

Chief Executive Officer: Robert G. Schwab,
General Manager

Section 15 ID Number: 2098

General Information (System Wide)

Urbanized Area (UZA) Statistics - 1980 Census New York, NY - Northeastern NJ

Square Miles	2808
Population	15,590,274
Population Ranking Out of 374 UZA's	1

Service Consumption

Annual Unlinked Trips	60,665,182
Annual Passenger Miles	295,562,353
Average Weekday Unlinked Trips	211,699
Average Saturday Unlinked Trips	82,043
Average Sunday Unlinked Trips	53,873

Service Supplied

Annual Vehicle Revenue Miles	13,196,109
Annual Vehicle Revenue Hours	628,836
Total Fleet	380
Vehicles Operated in Maximum Service	300
Base Period Requirement	135

Vehicles Operated in Maximum Service

	<u>Directly Operated</u>	<u>Purchased Transportation</u>
Rapid Rail	297	0
Ferry Boat	0	3

Financial Information (System Wide)

Sources of Operating Funds

Passenger Fares		\$56,326,000
Local Assistance		0
State Assistance		0
Federal Assistance		0
Other Revenues		7,924,000
Total Operating Funds	(1989)	\$64,250,000
	(1988)	\$63,289,000
	(1987)	\$58,186,000

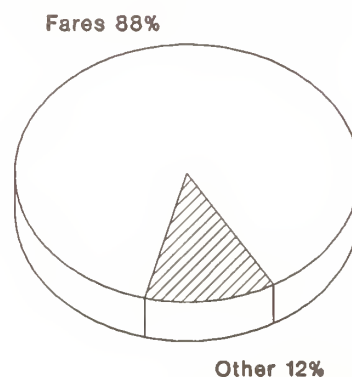
Total Operating Expenses

Salaries/Wages/Benefits		\$81,940,000
Purchased Transportation		275,792
Other Expenses		38,009,000
Total Operating Expenses	(1989)	\$120,224,792
	(1988)	\$115,982,000
	(1987)	\$104,343,000

Sources of Capital Funds Expended

Local Assistance		\$0
State Assistance		0
UMTA Sec. 3 Discretionary	\$0	
UMTA Sec. 9 Formula	0	
UMTA Other Assistance	0	
Other Federal Assistance	0	
Other Capital Funds		0
Federal Assistance Total		0
Total Capital Funds Expended	(1989)	\$0
	(1988)	\$0
	(1987)	\$0

Sources of Operating Funds



Rapid Rail

Characteristics

Operating Expense	\$119,686,000
Annual Unlinked Trips	60,494,910
Annual Passenger Miles	294,983,370
Average Weekday Unlinked Trips	208,486
Annual Vehicle Revenue Hours	627,882
Annual Vehicle Revenue Miles	13,189,622
Fixed Guideway Directional Route Miles	28
Total Fleet	376
Vehicles Operated in Maximum Service	297
Base Period Requirement	132
Spare Ratio	27%

Performance Measures

Service Efficiency

Operating Expense/Vehicle Revenue Hour	\$190.62
Operating Expense/Vehicle Revenue Mile	9.07

Cost Effectiveness

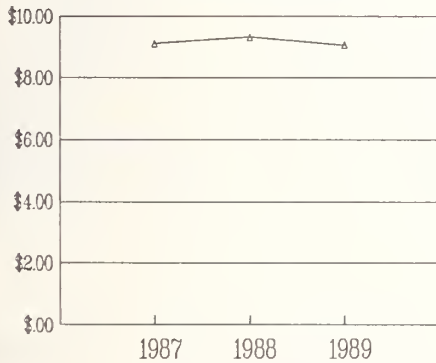
Operating Expense/Unlinked Passenger Trip	\$1.98
Operating Expense/Unlinked Passenger Mile	.41

Service Effectiveness

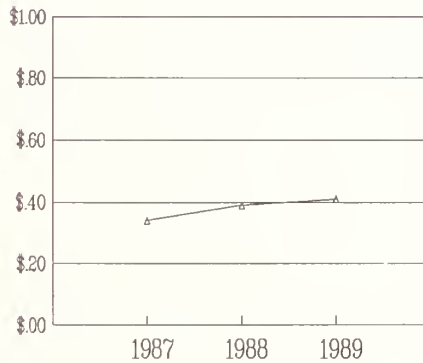
Unlinked Passenger Trips/Vehicle Revenue Hour	96.35
Unlinked Passenger Trips/Vehicle Revenue Mile	4.59

Rapid Rail

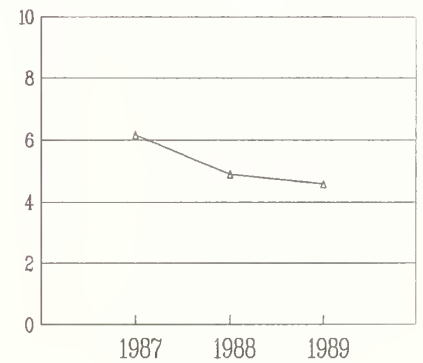
Operating Expense Per Vehicle Revenue Mile



Operating Expense Per Passenger Mile



Passenger Trips Per Vehicle Revenue Mile



Southeastern Pennsylvania Transportation Authority (SEPTA)

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

Chief Executive Officer: Louis J. Gambaccini,
General Manager

Section 15 ID Number: 3019

General Information (System Wide)

Urbanized Area (UZA) Statistics - 1980 Census Philadelphia, PA - NJ

Square Miles	1,015
Population	4,112,933
Population Ranking Out of 374 UZA's	4

Service Consumption

Annual Unlinked Trips	367,964,795
Annual Passenger Miles	1,397,168,419
Average Weekday Unlinked Trips	1,231,538
Average Saturday Unlinked Trips	608,785
Average Sunday Unlinked Trips	387,027

Service Supplied

Annual Vehicle Revenue Miles	71,199,224
Annual Vehicle Revenue Hours	5,830,023
Total Fleet	2,673
Vehicles Operated in Maximum Service	2,040
Base Period Requirement	940

Vehicles Operated in Maximum Service

	Directly Operated	Purchased Transportation
Motor Bus	1,169	0
Rapid Rail	297	0
Commuter Rail	275	0
Street Car	176	0
Trolley Bus	62	0
Demand Response	0	61

Financial Information (System Wide)

Sources of Operating Funds

Passenger Fares	\$247,814,145
Local Assistance	68,316,232
State Assistance	213,516,997
Federal Assistance	28,005,102
Other Revenues	10,237,817
Total Operating Funds	(1989) \$567,890,293
	(1988) \$560,388,089
	(1987) \$540,862,334

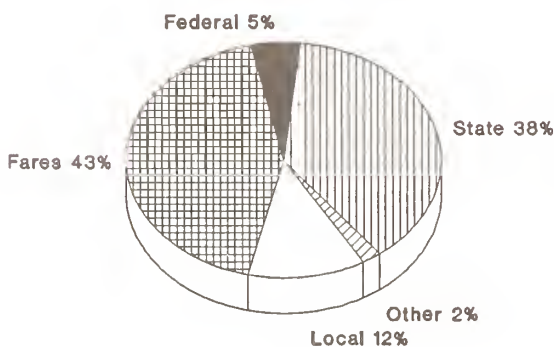
Total Operating Expenses

Salaries/Wages/Benefits	\$374,099,517
Purchased Transportation	3,755,037
Other Expenses	133,264,697
Total Operating Expenses	(1989) \$511,119,251
	(1988) \$493,974,168
	(1987) \$508,728,260

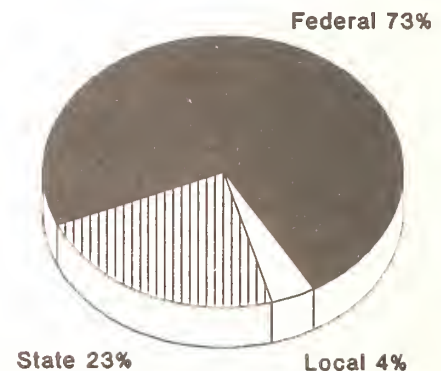
Sources of Capital Funds Expended

Local Assistance	\$5,903,238
State Assistance	31,528,579
UMTA Sec. 3 Discretionary	\$62,382,119
UMTA Sec. 9 Formula	32,628,043
UMTA Other Assistance	1,413,897
Other Federal Assistance	1,799,355
Federal Assistance Total	\$98,223,414
Other Capital Funds	0
Total Capital Funds Expended	(1989) \$135,655,231
	(1988) \$117,739,685
	(1987) \$66,542,857

Sources of Operating Funds



Sources of Capital Funds Expended



Southeastern Pennsylvania Transportation Authority (SEPTA)

	Motor Bus	Rapid Rail	Commuter Rail	Street Car
Characteristics				
Operating Expense	\$195,896,194	\$128,186,199	\$126,031,393	\$46,592,213
Annual Unlinked Trips	186,820,311	94,099,894	26,806,167	46,593,664
Annual Passenger Miles	491,684,371	415,800,355	361,883,072	104,612,326
Average Weekday Unlinked Trips	618,667	321,362	95,235	150,180
Annual Vehicle Revenue Hours	3,485,813	1,030,939	419,100	541,137
Annual Vehicle Revenue Miles	35,151,008	16,275,679	11,554,607	4,831,530
Fixed Guideway Directional Route Miles	5	76	416	127
Total Fleet	1,500	383	374	236
Vehicles Operated in Maximum Service	1,169	297	275	176
Base Period Requirement	584	166	64	94
Spare Ratio	28%	29%	36%	34%

Performance Measures

Service Efficiency

Operating Expense/Vehicle Revenue Hour	\$56.20	\$124.34	\$300.72	\$86.10
Operating Expense/Vehicle Revenue Mile	5.57	7.88	10.91	9.64

Cost Effectiveness

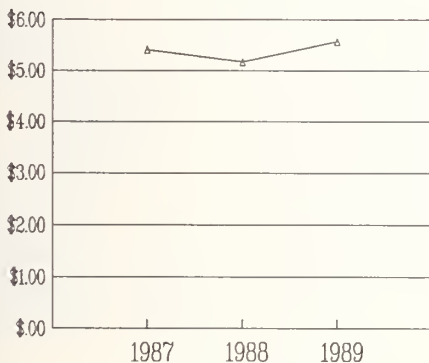
Operating Expense/Unlinked Passenger Trip	\$1.05	\$1.36	\$4.70	\$1.00
Operating Expense/Unlinked Passenger Mile	.40	.31	.35	.45

Service Effectiveness

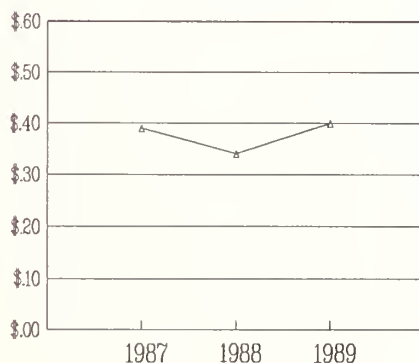
Unlinked Passenger Trips/Vehicle Revenue Hour	53.59	91.28	63.96	86.10
Unlinked Passenger Trips/Vehicle Revenue Mile	5.31	5.78	2.32	9.64

Motor Bus

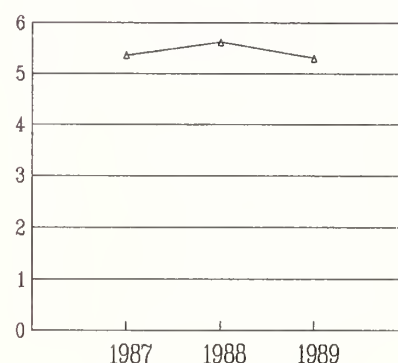
Operating Expense Per Vehicle Revenue Mile



Operating Expense Per Passenger Mile

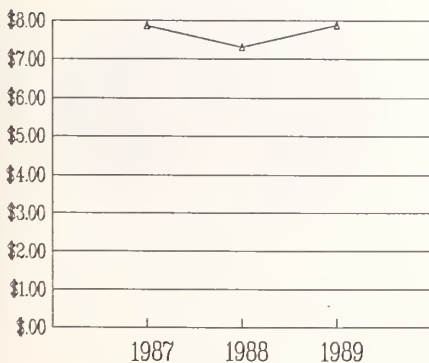


Passenger Trips Per Vehicle Revenue Mile

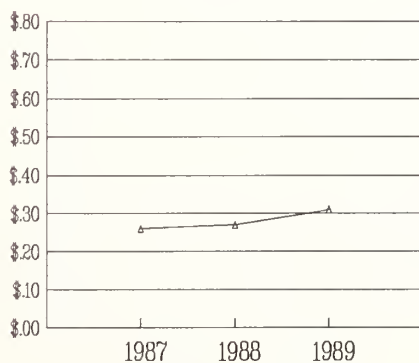


Rapid Rail

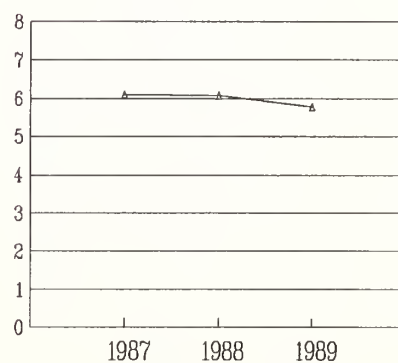
Operating Expense Per Vehicle Revenue Mile



Operating Expense Per Passenger Mile



Passenger Trips Per Vehicle Revenue Mile



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
Secondary Provider: 3067

General Information (System Wide)

Urbanized Area (UZA) Statistics - 1980 Census Pittsburgh, PA

Square Miles	713
Population	1,810,038
Population Ranking Out of 374 UZA's	12

Service Consumption

Annual Unlinked Trips	88,760,149
Annual Passenger Miles	394,288,889
Average Weekday Unlinked Trips	301,395
Average Saturday Unlinked Trips	161,958
Average Sunday Unlinked Trips	75,975

Service Supplied

Annual Vehicle Revenue Miles	41,396,002
Annual Vehicle Revenue Hours	2,941,148
Total Fleet	1,400
Vehicles Operated in Maximum Service	1,188
Base Period Requirement	712

Vehicles Operated in Maximum Service

	<u>Directly Operated</u>	<u>Purchased Transportation</u>
Motor Bus	776	0
Street Car	61	0
Commuter Rail	0	5
Inclined Plane	2	2
Demand Response	0	346

Financial Information (System Wide)

Sources of Operating Funds

Passenger Fares		\$49,340,056
Local Assistance		18,035,168
State Assistance		78,100,285
Federal Assistance		9,545,030
Other Revenues		2,300,682
Total Operating Funds	(1989)	\$157,321,221
	(1988)	\$154,408,031
	(1987)	\$147,358,748

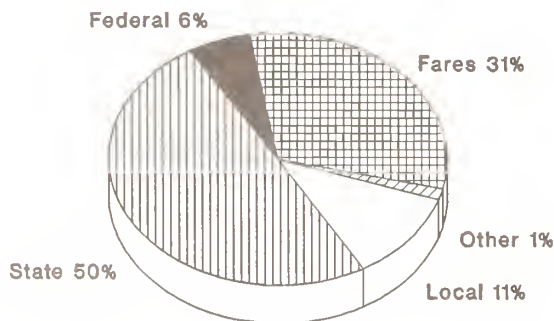
Total Operating Expenses

Salaries/Wages/Benefits		\$117,316,347
Purchased Transportation		17,887,318
Other Expenses		23,293,439
Total Operating Expenses	(1989)	\$158,497,104
	(1988)	\$155,678,520
	(1987)	\$145,004,275

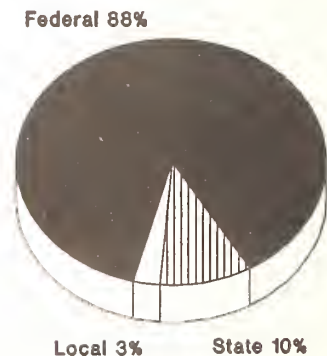
Sources of Capital Funds Expended

Local Assistance		\$591,971
State Assistance		2,057,951
UMTA Sec. 3 Discretionary	\$7,789,139	
UMTA Sec. 9 Formula	11,059,003	
UMTA Other Assistance	0	
Other Federal Assistance	19,759	
Federal Assistance Total		\$18,867,901
Other Capital Funds		0
Total Capital Funds Expended	(1989)	\$21,517,823
	(1988)	\$27,861,263
	(1987)	\$55,110,532

Sources of Operating Funds



Sources of Capital Funds Expended



Port Authority of Allegheny County (PAT)

	Motor Bus	Street Car	Demand Response	Commuter Rail
Characteristics				
Operating Expense	\$116,833,990	\$23,503,604	\$16,264,045	\$1,353,215
Annual Unlinked Trips	76,914,419	9,044,143	2,005,968	163,170
Annual Passenger Miles	316,720,976	65,503,321	11,355,785	2,510,697
Average Weekday Unlinked Trips	259,156	30,628	6,834	766
Annual Vehicle Revenue Hours	1,954,873	132,224	833,367	7,781
Annual Vehicle Revenue Miles	26,821,156	1,987,840	12,320,045	215,464
Fixed Guideway Directional Route Miles	28	45	0	36
Total Fleet	900	70	418	12
Vehicles Operated in Maximum Service	776	61	346	5
Base Period Requirement	348	14	346	4
Spare Ratio	16%	15%	21%	40%

Performance Measures

Service Efficiency

Operating Expense/Vehicle Revenue Hour	\$59.77	\$177.76	\$19.52	\$173.91
Operating Expense/Vehicle Revenue Mile	4.36	11.82	1.32	6.28

Cost Effectiveness

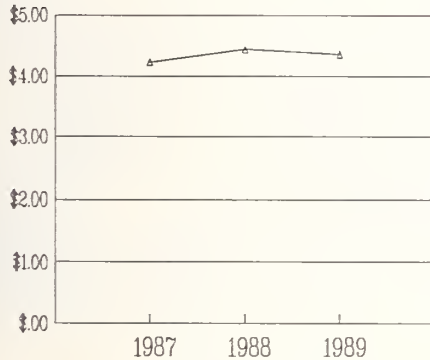
Operating Expense/Unlinked Passenger Trip	\$1.52	\$2.60	\$8.11	\$8.29
Operating Expense/Unlinked Passenger Mile	.37	.37	1.43	.54

Service Effectiveness

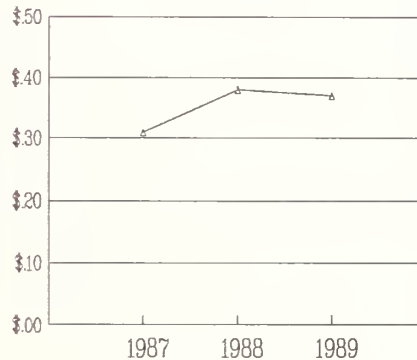
Unlinked Passenger Trips/Vehicle Revenue Hour	39.34	68.40	2.41	20.97
Unlinked Passenger Trips/Vehicle Revenue Mile	2.87	4.55	.16	.76

Motor Bus

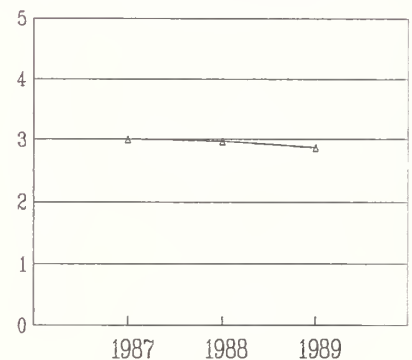
Operating Expense Per Revenue Vehicle Mile



Operating Expense Per Passenger Mile

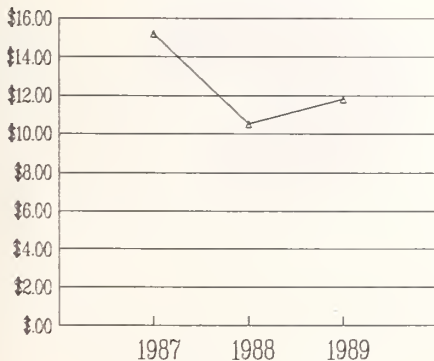


Passenger Trips Per Revenue Vehicle Mile

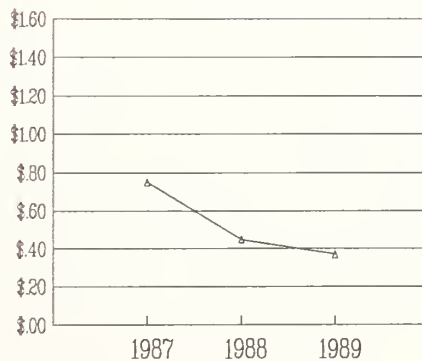


Street Car

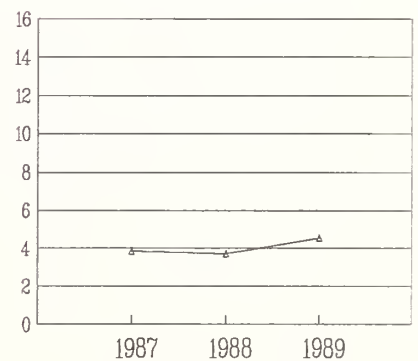
Operating Expense Per Revenue Vehicle Mile



Operating Expense Per Passenger Mile



Passenger Trips Per Revenue Vehicle Mile



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

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

Chief Executive Officer: James E. Cowen,
General Manager

Section 15 ID Number: 0008

General Information (System Wide)

Urbanized Area (UZA) Statistics - 1980 Census Portland, OR - WA

Square Miles	349
Population	1,026,144
Population Ranking Out of 374 UZA's	27

Service Consumption

Annual Unlinked Trips	51,586,584
Annual Passenger Miles	197,266,152
Average Weekday Unlinked Trips	174,094
Average Saturday Unlinked Trips	83,333
Average Sunday Unlinked Trips	51,291

Service Supplied

Annual Vehicle Revenue Miles	21,296,705
Annual Vehicle Revenue Hours	1,317,522
Total Fleet	642
Vehicles Operated in Maximum Service	518
Base Period Requirement	335

Vehicles Operated in Maximum Service

	Directly Operated	Purchased Transportation
Motor Bus	420	4
Demand Response	0	72
Street Car	22	0

Financial Information (System Wide)

Sources of Operating Funds

Passenger Fares	\$22,580,152
Local Assistance	25,654
State Assistance	1,209,748
Federal Assistance	5,788,013
Other Revenues	64,282,390
Total Operating Funds	(1989) \$93,885,957
	(1988) \$86,266,194
	(1987) \$80,306,000

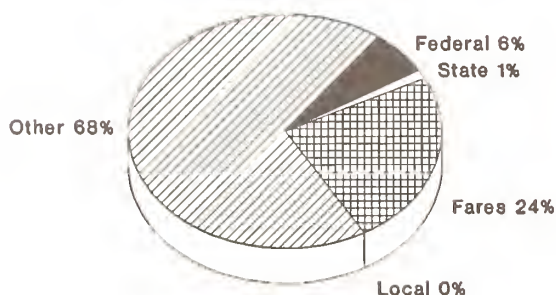
Total Operating Expenses

Salaries/Wages/Benefits	\$64,222,098
Purchased Transportation	2,663,412
Other Expenses	15,620,075
Total Operating Expenses	(1989) \$82,505,585
	(1988) \$77,005,741
	(1987) \$71,118,000

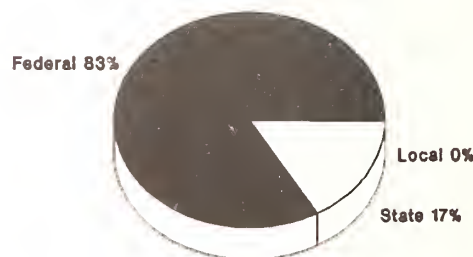
Sources of Capital Funds Expended

Local Assistance	\$51,778
State Assistance	3,485,817
UMTA Sec. 3 Discretionary	\$7,967,095
UMTA Sec. 9 Formula	9,233,670
UMTA Other Assistance	0
Other Federal Assistance	351,697
Federal Assistance Total	\$17,552,462
Other Capital Funds	0
Total Capital Funds Expended	(1989) \$21,090,057
	(1988) \$10,390,241
	(1987) \$20,397,000

Sources of Operating Funds



Sources of Capital Funds Expended



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

Characteristics

	Motor Bus	Street Car	Demand Response
Operating Expense	\$71,363,284	\$7,996,130	\$3,146,171
Annual Unlinked Trips	44,926,315	6,184,884	475,385
Annual Passenger Miles	159,969,173	34,956,643	2,340,336
Average Weekday Unlinked Trips	153,313	18,542	2,239
Annual Vehicle Revenue Hours	1,129,344	72,955	115,223
Annual Vehicle Revenue Miles	18,304,934	1,399,637	1,592,134
Fixed Guideway Directional Route Miles	1	30	0
Total Fleet	534	26	82
Vehicles Operated in Maximum Service	424	22	72
Base Period Requirement	248	15	72
Spare Ratio	26%	18%	14%

Performance Measures

Service Efficiency

Operating Expense/Vehicle Revenue Hour	\$63.19	\$109.60	\$27.31
Operating Expense/Vehicle Revenue Mile	3.90	5.71	1.98

Cost Effectiveness

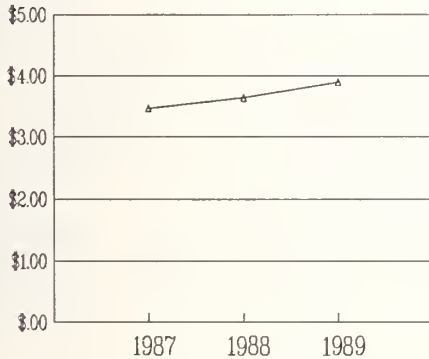
Operating Expense/Unlinked Passenger Trip	\$1.59	\$1.29	\$6.62
Operating Expense/Unlinked Passenger Mile	.45	.23	1.34

Service Effectiveness

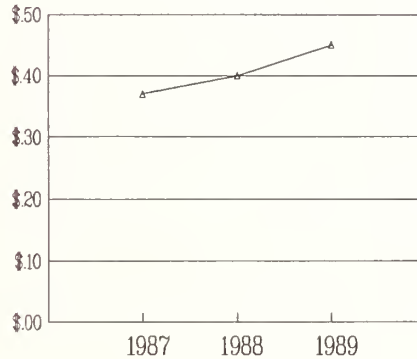
Unlinked Passenger Trips/Vehicle Revenue Hour	39.78	84.78	4.13
Unlinked Passenger Trips/Vehicle Revenue Mile	2.45	4.42	.30

Motor Bus

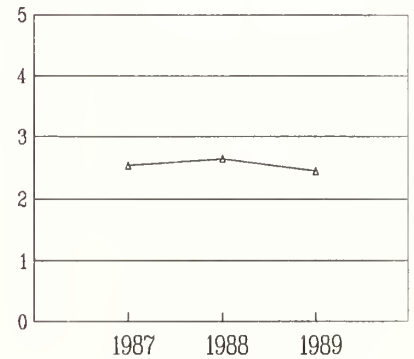
Operating Expense Per Vehicle Revenue Mile



Operating Expense Per Passenger Mile

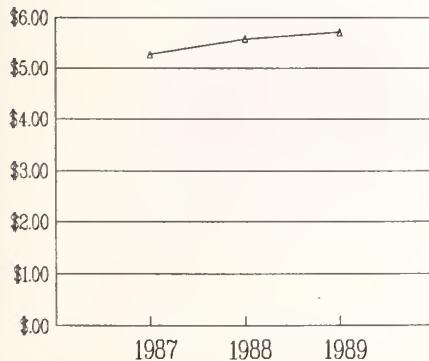


Passenger Trips Per Vehicle Revenue Mile

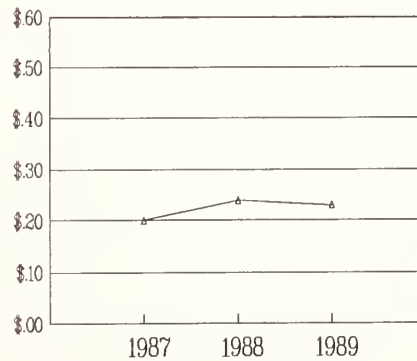


Street Car

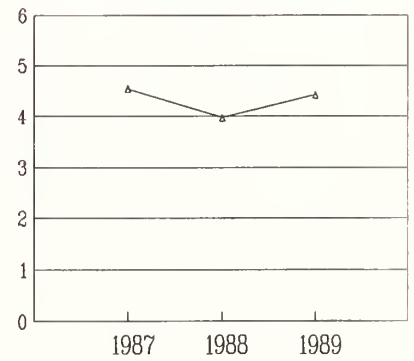
Operating Expense Per Vehicle Revenue Mile



Operating Expense Per Passenger Mile



Passenger Trips Per Vehicle Revenue Mile



Alameda-Contra Costa Transit District (AC Transit)

1600 Franklin Street
Oakland, CA 94612
(415) 891-4766

Chief Executive Officer: Sharon D. Banks,
Acting General Manager

Section 15 ID Number: 9014

General Information (System Wide)

Urbanized Area (UZA) Statistics - 1980 Census San Francisco - Oakland, CA

Square Miles	796
Population	3,190,698
Population Ranking Out of 374 UZA's	6

Service Consumption

Annual Unlinked Trips	63,124,826
Annual Passenger Miles	275,876,316
Average Weekday Unlinked Trips	212,252
Average Saturday Unlinked Trips	95,907
Average Sunday Unlinked Trips	74,603

Service Supplied

Annual Vehicle Revenue Miles	22,015,924
Annual Vehicle Revenue Hours	1,711,217
Total Fleet	798
Vehicles Operated in Maximum Service	657
Base Period Requirement	305

Vehicles Operated in Maximum Service

	Directly Operated	Purchased Transportation
Motor Bus	653	4

Financial Information (System Wide)

Sources of Operating Funds

Passenger Fares	\$30,094,642
Local Assistance	80,400,139
State Assistance	240,186
Federal Assistance	7,249,332
Other Revenues	2,206,838
Total Operating Funds	(1989) \$120,191,137
	(1988) \$122,995,098
	(1987) \$114,308,729

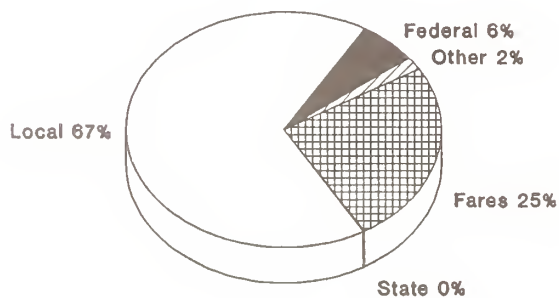
Total Operating Expenses

Salaries/Wages/Benefits	\$95,562,053
Purchased Transportation	149,457
Other Expenses	24,166,401
Total Operating Expenses	(1989) \$119,877,911
	(1988) \$119,858,312
	(1987) \$118,184,586

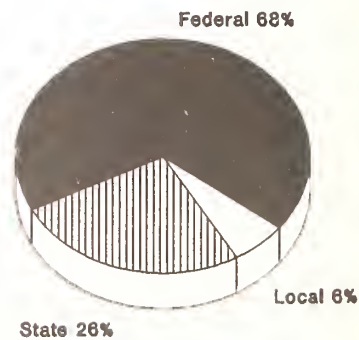
Sources of Capital Funds Expended

Local Assistance	\$2,127,557
State Assistance	8,954,157
UMTA Sec. 3 Discretionary	\$687,194
UMTA Sec. 9 Formula	22,804,517
UMTA Other Assistance	7,701
Other Federal Assistance	0
Federal Assistance Total	\$23,499,412
Other Capital Funds	0
Total Capital Funds Expended	(1989) \$34,581,126
	(1988) \$16,135,623
	(1987) \$18,693,954

Sources of Operating Funds



Sources of Capital Funds Expended



Alameda-Contra Costa Transit District (AC Transit)

Motor Bus

Characteristics

Operating Expense	\$119,877,911
Annual Unlinked Trips	63,124,826
Annual Passenger Miles	275,876,316
Average Weekday Unlinked Trips	212,252
Annual Vehicle Revenue Hours	1,711,217
Annual Vehicle Revenue Miles	22,015,924
Fixed Guideway Directional Route Miles	1
Total Fleet	798
Vehicles Operated in Maximum Service	657
Base Period Requirement	305
Spare Ratio	21%

Performance Measures

Service Efficiency

Operating Expense/Vehicle Revenue Hour	\$70.05
Operating Expense/Vehicle Revenue Mile	5.45

Cost Effectiveness

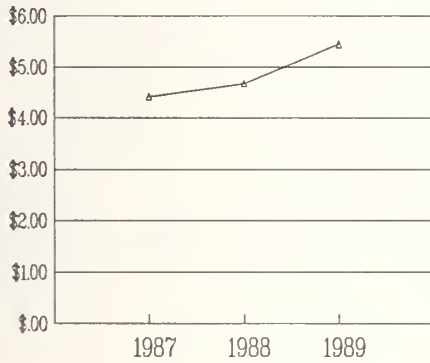
Operating Expense/Unlinked Passenger Trip	\$1.90
Operating Expense/Unlinked Passenger Mile	.43

Service Effectiveness

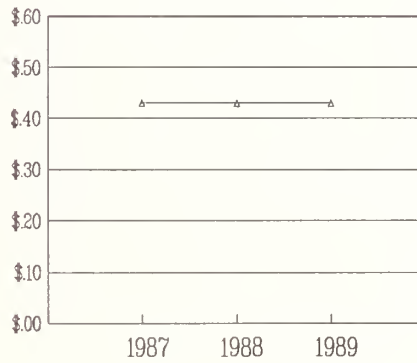
Unlinked Passenger Trips/Vehicle Revenue Hour	36.89
Unlinked Passenger Trips/Vehicle Revenue Mile	2.87

Motor Bus

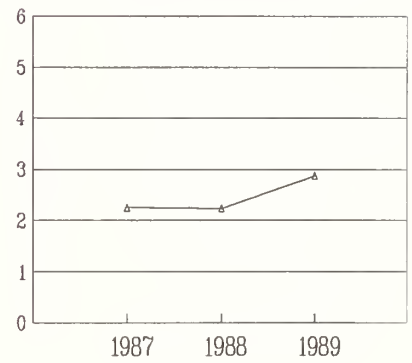
Operating Expense Per Vehicle Revenue Mile



Operating Expense Per Passenger Mile



Passenger Trips Per Vehicle Revenue Mile



Bay Area Rapid Transit District (BART)

800 Madison Street
P.O. Box 12688
Oakland, CA 94604
(415) 464-6929

Chief Executive Officer: Frank J. Wilson,
General Manager

Section 15 ID Number: 9003

General Information (System Wide)

Urbanized Area (UZA) Statistics - 1980 Census San Francisco - Oakland, CA

Square Miles	796
Population	3,190,698
Population Ranking Out of 374 UZA's	6

Service Consumption

Annual Unlinked Trips	64,862,623
Annual Passenger Miles	757,349,980
Average Weekday Unlinked Trips	225,182
Average Saturday Unlinked Trips	97,508
Average Sunday Unlinked Trips	57,052

Service Supplied

Annual Vehicle Revenue Miles	34,365,812
Annual Vehicle Revenue Hours	1,213,944
Total Fleet	575
Vehicles Operated in Maximum Service	380
Base Period Requirement	178

Vehicles Operated in Maximum Service

	Directly Operated	Purchased Transportation
Rapid Rail	346	0
Motor Bus	0	34

Financial Information (System Wide)

Sources of Operating Funds

Passenger Fares	\$82,387,825
Local Assistance	9,452,367
State Assistance	362,058
Federal Assistance	0
Other Revenues	75,911,090
Total Operating Funds	(1989) \$168,113,340
	(1988) \$184,298,338
	(1987) \$179,414,940

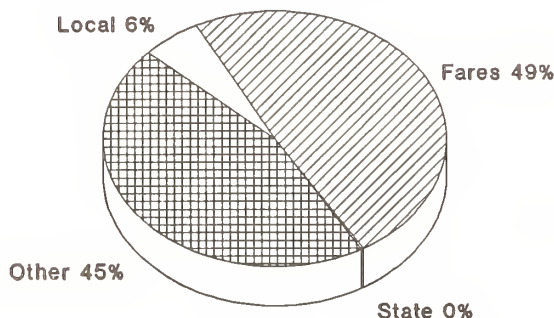
Total Operating Expenses

Salaries/Wages/Benefits	\$130,160,252
Purchased Transportation	2,793,300
Other Expenses	35,159,788
Total Operating Expenses	(1989) \$168,113,340
	(1988) \$167,774,811
	(1987) \$162,201,465

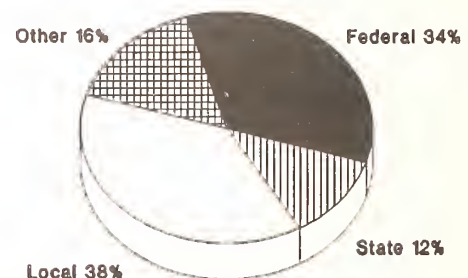
Sources of Capital Funds Expended

Local Assistance	\$67,134,525
State Assistance	20,956,926
UMTA Sec. 3 Discretionary	\$54,045,311
UMTA Sec. 9 Formula	5,594,599
UMTA Other Assistance	154,000
Other Federal Assistance	676,936
Federal Assistance Total	\$60,470,846
Other Capital Funds	27,927,694
Total Capital Funds Expended	(1989) \$176,489,991
	(1988) \$166,934,637
	(1987) \$157,494,485

Sources of Operating Funds



Sources of Capital Funds Expended



Bay Area Rapid Transit District (BART)

Characteristics

	Motor Bus	Rapid Rail
Operating Expense	\$2,793,300	\$165,320,040
Annual Unlinked Trips	798,104	64,064,519
Annual Passenger Miles	NR	757,349,980
Average Weekday Unlinked Trips	5,773	219,409
Annual Vehicle Revenue Hours	55,836	1,158,108
Annual Vehicle Revenue Miles	1,170,713	33,195,099
Fixed Guideway Directional Route Miles	0	142
Total Fleet	45	530
Vehicles Operated in Maximum Service	34	346
Base Period Requirement	18	160
Spare Ratio	32%	53%

Performance Measures

Service Efficiency

Operating Expense/Vehicle Revenue Hour	\$50.03	\$142.75
Operating Expense/Vehicle Revenue Mile	2.39	4.98

Cost Effectiveness

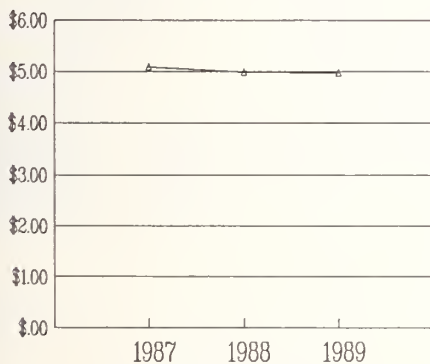
Operating Expense/Unlinked Passenger Trip	\$3.50	\$2.58
Operating Expense/Unlinked Passenger Mile	N/A	.22

Service Effectiveness

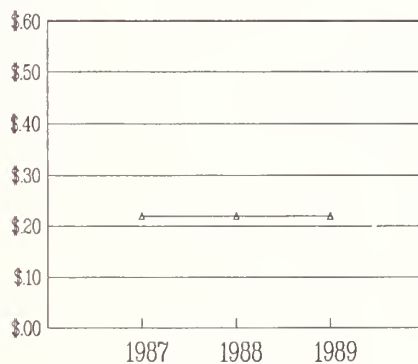
Unlinked Passenger Trips/Vehicle Revenue Hour	14.29	55.32
Unlinked Passenger Trips/Vehicle Revenue Mile	.68	1.93

Rapid Rail

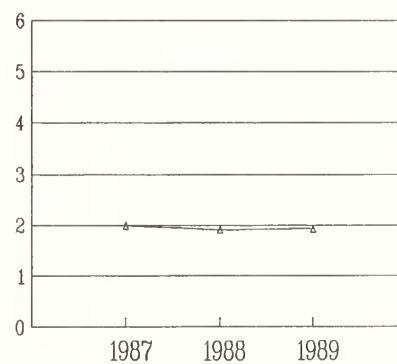
Operating Expense Per Vehicle Revenue Mile



Operating Expense Per Passenger Mile



Passenger Trips Per Vehicle Revenue Mile



San Francisco Municipal Railway (Muni)

949 Presidio Avenue
San Francisco, CA 94115
(415) 923-2533

Chief Executive Officer: Johnny Stein,
General Manager

Section 15 ID Number: 9015

General Information (System Wide)

Urbanized Area (UZA) Statistics - 1980 Census San Francisco - Oakland, CA

Square Miles	796
Population	3,190,698
Population Ranking Out of 374 UZA's	6

Service Consumption

Annual Unlinked Trips	236,257,283
Annual Passenger Miles	450,809,799
Average Weekday Unlinked Trips	761,240
Average Saturday Unlinked Trips	454,132
Average Sunday Unlinked Trips	329,896

Service Supplied

Annual Vehicle Revenue Miles	26,322,850
Annual Vehicle Revenue Hours	3,075,095
Total Fleet	1,072
Vehicles Operated in Maximum Service	812
Base Period Requirement	510

Vehicles Operated in Maximum Service

	Directly Operated	Purchased Transportation
Motor Bus	373	0
Trolley Bus	262	0
Street Car	103	0
Demand Response	0	562
Cable Car	26	0

Financial Information (System Wide)

Sources of Operating Funds

Passenger Fares	\$76,934,000
Local Assistance	141,974,000
State Assistance	17,307,000
Federal Assistance	8,076,000
Other Revenues	7,043,000
Total Operating Funds	(1989) \$251,334,000
	(1988) \$230,552,000
	(1987) \$224,353,000

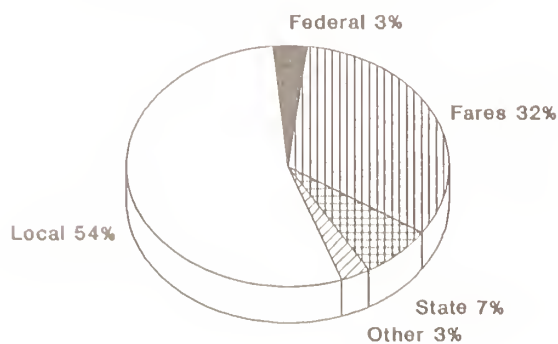
Total Operating Expenses

Salaries/Wages/Benefits	\$178,833,828
Purchased Transportation	6,502,520
Other Expenses	51,332,332
Total Operating Expenses	(1989) \$236,668,680
	(1988) \$237,860,774
	(1987) \$218,869,042

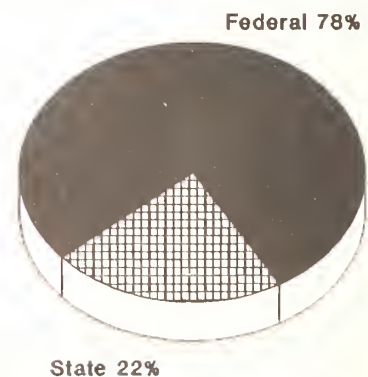
Sources of Capital Funds Expended

Local Assistance	0
State Assistance	\$10,654,000
UMTA Sec. 3 Discretionary	\$470,000
UMTA Sec. 9 Formula	35,771,000
UMTA Other Assistance	1,678,000
Other Federal Assistance	0
Federal Assistance Total	\$37,919,000
Other Capital Funds	0
Total Capital Funds Expended	(1989) \$48,573,000
	(1988) \$18,392,000
	(1987) \$18,789,000

Sources of Operating Funds



Sources of Capital Funds Expended



San Francisco Municipal Railway (Muni)

Characteristics	Motor Bus	Trolley Bus	Street Car
Operating Expense	\$101,072,803	\$59,998,800	\$53,539,334
Annual Unlinked Trips	98,983,281	87,407,602	38,909,382
Annual Passenger Miles	209,556,443	118,500,159	105,474,802
Average Weekday Unlinked Trips	318,142	281,926	129,966
Annual Vehicle Revenue Hours	1,365,490	991,053	382,177
Annual Vehicle Revenue Miles	12,702,776	7,319,721	4,002,326
Fixed Guideway Directional Route Miles	9	120	50
Total Fleet	480	345	143
Vehicles Operated in Maximum Service	373	262	103
Base Period Requirement	239	184	62
Spare Ratio	29%	32%	39%

Performance Measures

Service Efficiency

Operating Expense/Vehicle Revenue Hour	\$74.02	\$60.54	\$140.09
Operating Expense/Vehicle Revenue Mile	7.96	8.20	13.38

Cost Effectiveness

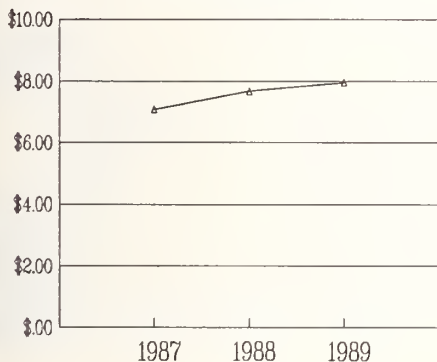
Operating Expense/Unlinked Passenger Trip	\$1.02	\$.69	\$1.38
Operating Expense/Unlinked Passenger Mile	.48	.51	.51

Service Effectiveness

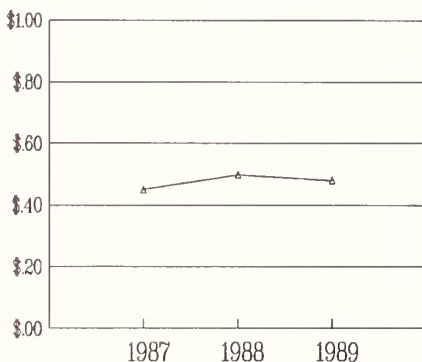
Unlinked Passenger Trips/Vehicle Revenue Hour	72.49	88.20	101.81
Unlinked Passenger Trips/Vehicle Revenue Mile	7.79	11.94	9.72

Motor Bus

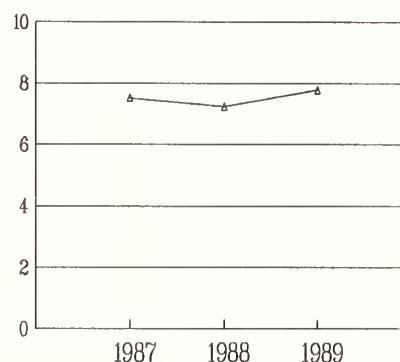
Operating Expense Per Vehicle Revenue Mile



Operating Expense Per Passenger Mile

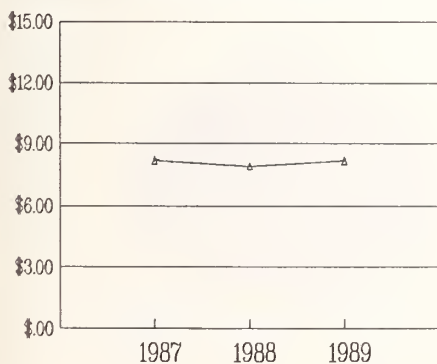


Passenger Trips Per Vehicle Revenue Mile

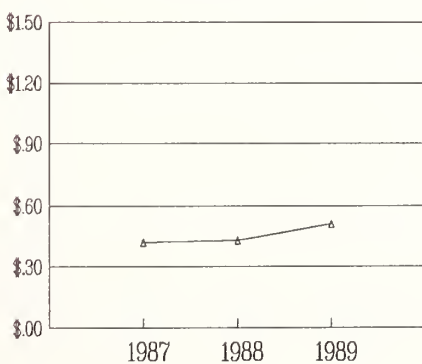


Trolley Bus

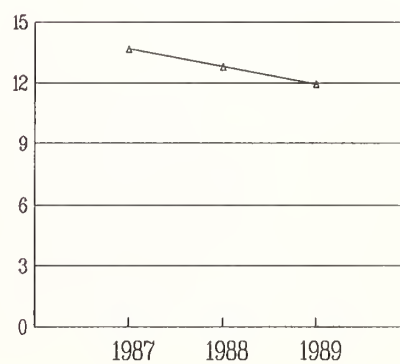
Operating Expense Per Vehicle Revenue Mile



Operating Expense Per Passenger Mile



Passenger Trips Per Vehicle Revenue Mile



Santa Clara County Transit District

1555 Berger Drive, Bldg. 2
San Jose, CA 95112
(408) 299-3713

Chief Executive Officer: Lawrence Reuter,
Director

Section 15 ID Number: 9013

General Information (System Wide)

Urbanized Area (UZA) Statistics - 1980 Census San Jose, CA

Square Miles	326
Population	1,243,952
Population Ranking Out of 374 UZA's	22

Service Consumption

Annual Unlinked Trips	38,450,251
Annual Passenger Miles	147,152,102
Average Weekday Unlinked Trips	129,549
Average Saturday Unlinked Trips	56,255
Average Sunday Unlinked Trips	42,925

Service Supplied

Annual Vehicle Revenue Miles	19,907,271
Annual Vehicle Revenue Hours	1,418,396
Total Fleet	558
Vehicles Operated in Maximum Service	433
Base Period Requirement	269

Vehicles Operated in Maximum Service

	Directly Operated	Purchased Transportation
Motor Bus	417	0
Street Car	16	0
Commuter Rail	0	0

Financial Information (System Wide)

Sources of Operating Funds

Passenger Fares	\$12,777,049
Local Assistance	38,352,209
State Assistance	169,289
Federal Assistance	6,738,801
Other Revenues	75,783,820
Total Operating Funds	(1989) \$133,821,168
	(1988) \$130,562,831
	(1987) \$121,041,515

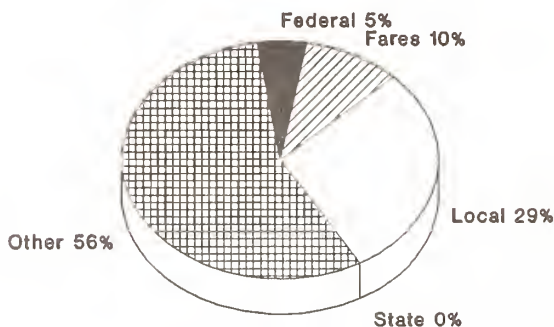
Total Operating Expenses

Salaries/Wages/Benefits	\$86,139,596
Purchased Transportation	3,098,814
Other Expenses	26,573,206
Total Operating Expenses	(1989) \$115,811,616
	(1988) \$110,746,003
	(1987) \$103,216,241

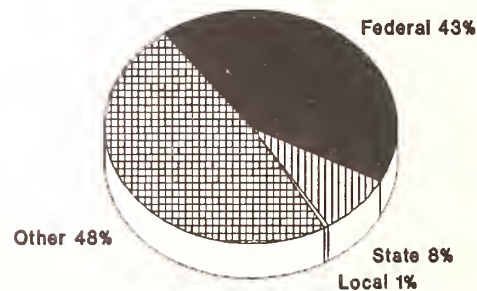
Sources of Capital Funds Expended

Local Assistance	\$259,495
State Assistance	4,249,806
UMTA Sec. 3 Discretionary	\$20,374,996
UMTA Sec. 9 Formula	1,484,899
UMTA Other Assistance	0
Other Federal Assistance	0
Federal Assistance Total	\$21,859,895
Other Capital Funds	24,575,539
Total Capital Funds Expended	(1989) \$50,944,735
	(1988) \$80,635,394
	(1987) \$102,717,714

Sources of Operating Funds



Sources of Capital Funds Expended



Santa Clara County Transit District

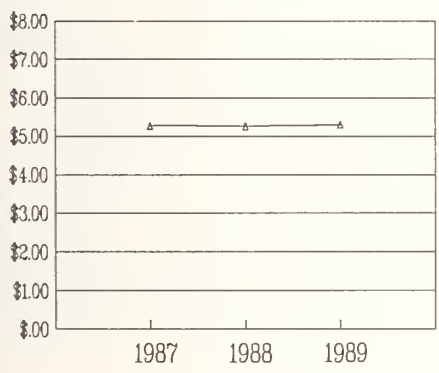
	Motor Bus	Street Car	Commuter Rail
Characteristics			
Operating Expense	\$102,768,598	\$9,944,204	\$3,098,814
Annual Unlinked Trips	36,442,503	2,007,748	0
Annual Passenger Miles	140,540,598	6,611,504	0
Average Weekday Unlinked Trips	123,279	6,270	0
Annual Vehicle Revenue Hours	1,376,866	41,530	0
Annual Vehicle Revenue Miles	19,372,841	534,430	0
Fixed Guideway Directional Route Miles	56	17	0
Total Fleet	508	50	0
Vehicles Operated in Maximum Service	417	16	0
Base Period Requirement	260	9	0
Spare Ratio	22%	13%	N/A

Performance Measures

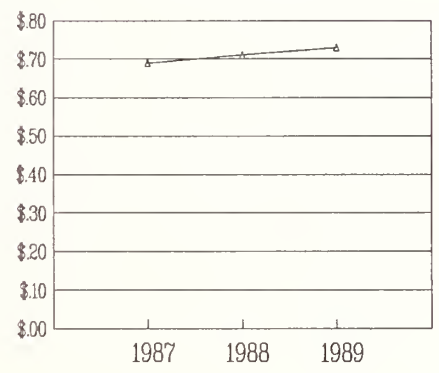
Service Efficiency			
Operating Expense/Vehicle Revenue Hour	\$74.64	\$239.45	N/A
Operating Expense/Vehicle Revenue Mile	5.30	18.61	N/A
Cost Effectiveness			
Operating Expense/Unlinked Passenger Trip	\$2.82	\$4.95	N/A
Operating Expense/Unlinked Passenger Mile	.73	1.50	N/A
Service Effectiveness			
Unlinked Passenger Trips/Vehicle Revenue Hour	26.47	48.34	N/A
Unlinked Passenger Trips/Vehicle Revenue Mile	1.88	3.76	N/A

Motor Bus

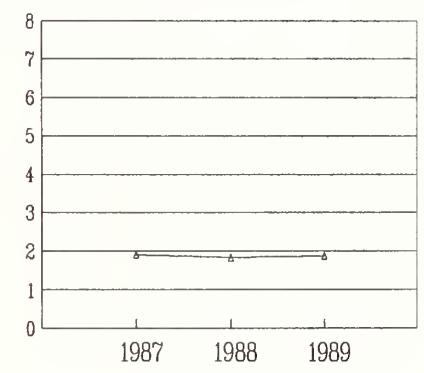
Operating Expense Per Vehicle Revenue Mile



Operating Expense Per Passenger Mile

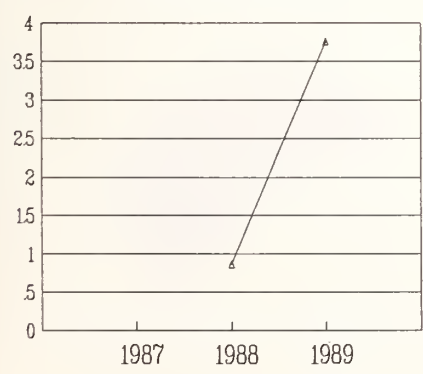


Passenger Trips Per Vehicle Revenue Mile

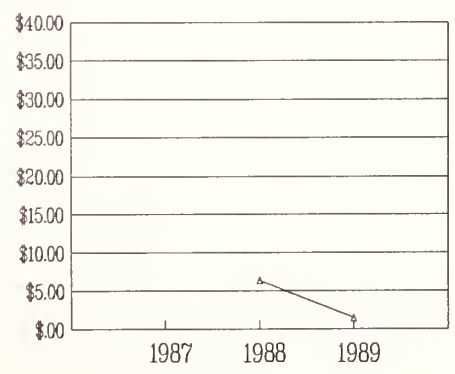


Street Car

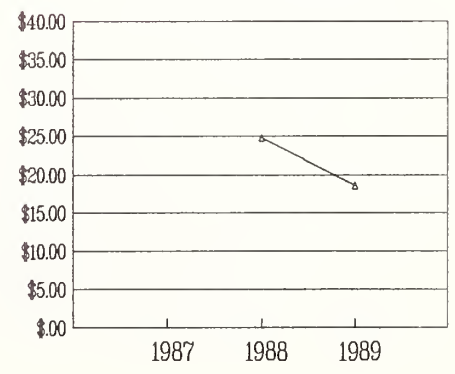
Passenger Trips Per Vehicle Revenue Mile



Operating Expense Per Passenger Mile



Operating Expense Per Vehicle Revenue Mile



Municipality of Metropolitan Seattle (METRO)

821 Second Avenue
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 - 1980 Census Seattle - Everett, WA

Square Miles	485
Population	1,391,535
Population Ranking Out of 374 UZA's	20

Service Consumption

Annual Unlinked Trips	76,620,358
Annual Passenger Miles	425,895,529
Average Weekday Unlinked Trips	259,427
Average Saturday Unlinked Trips	122,510
Average Sunday Unlinked Trips	74,282

Service Supplied

Annual Vehicle Revenue Miles	31,326,656
Annual Vehicle Revenue Hours	1,888,592
Total Fleet	1,616
Vehicles Operated in Maximum Service	1,414
Base Period Requirement	602

Vehicles Operated in Maximum Service

	Directly Operated	Purchased Transportation
Motor Bus	832	28
Van Pool	231	0
Demand Response	0	215
Trolley Bus	106	0
Street Car	2	0

Financial Information (System Wide)

Sources of Operating Funds

Passenger Fares	\$35,234,060
Local Assistance	0
State Assistance	55,915,128
Federal Assistance	5,888,494
Other Revenues	135,656,127
Total Operating Funds	(1989) \$234,228,209
	(1988) \$204,140,869
	(1987) \$196,205,681

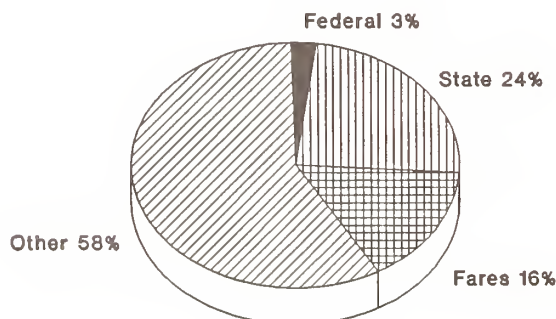
Total Operating Expenses

Salaries/Wages/Benefits	\$115,564,682
Purchased Transportation	3,646,438
Other Expenses	34,173,647
Total Operating Expenses	(1989) \$153,384,767
	(1988) \$145,786,605
	(1987) \$138,881,750

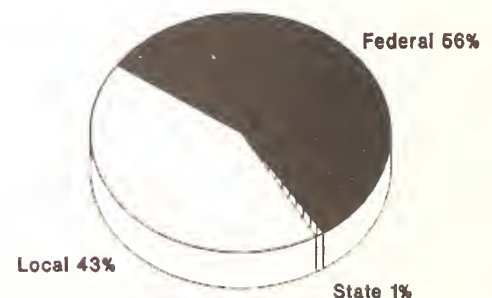
Sources of Capital Funds Expended

Local Assistance	\$41,836,956
State Assistance	850,975
UMTA Sec. 3 Discretionary	\$34,376,431
UMTA Sec. 9 Formula	20,104,511
UMTA Other Assistance	30,276
Other Federal Assistance	20,000
Federal Assistance Total	\$54,531,218
Other Capital Funds	0
Total Capital Funds Expended	(1989) \$97,219,149
	(1988) \$74,843,435
	(1987) \$89,714,714

Sources of Operating Funds



Sources of Capital Funds Expended



Municipality of Metropolitan Seattle (METRO)

	Motor Bus	Trolley Bus	Van Pool	Demand Response
Characteristics				
Operating Expense	\$129,346,742	\$18,962,857	\$2,406,566	\$2,088,974
Annual Unlinked Trips	55,799,371	19,158,122	1,250,976	213,595
Annual Passenger Miles	354,691,106	36,609,515	32,834,352	1,557,569
Average Weekday Unlinked Trips	190,804	62,358	5,024	749
Annual Vehicle Revenue Hours	1,497,728	320,290	64,482	888,647
Annual Vehicle Revenue Miles	24,760,823	2,744,779	2,901,683	0
Fixed Guideway Directional Route Miles	0	0	0	0
Total Fleet	969	155	274	215
Vehicles Operated in Maximum Service	860	106	231	215
Base Period Requirement	279	71	231	0
Spare Ratio	13%	46%	19%	0%

Performance Measures

Service Efficiency

Operating Expense/Vehicle Revenue Hour	\$86.36	\$59.21	\$37.32	N/A
Operating Expense/Vehicle Revenue Mile	5.22	6.91	.83	2.35

Cost Effectiveness

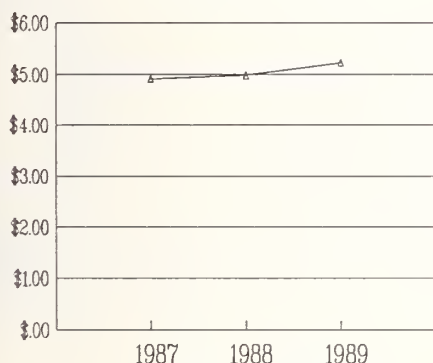
Operating Expense/Unlinked Passenger Trip	\$2.32	\$.99	\$1.92	\$9.78
Operating Expense/Unlinked Passenger Mile	.36	.52	.07	1.34

Service Effectiveness

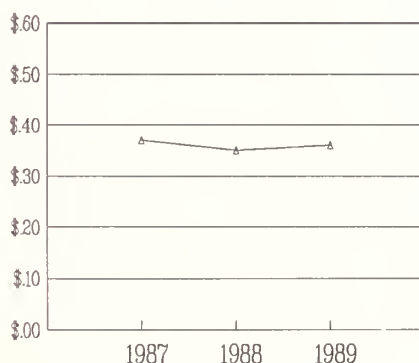
Unlinked Passenger Trips/Vehicle Revenue Hour	37.26	59.81	19.40	N/A
Unlinked Passenger Trips/Vehicle Revenue Mile	2.25	6.98	.43	.24

Motor Bus

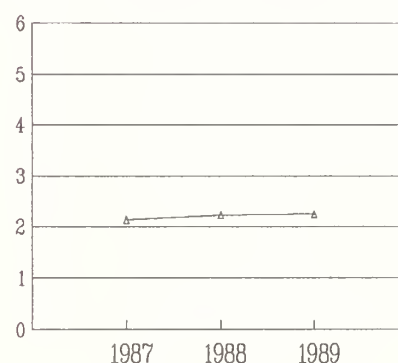
Operating Expense Per Vehicle Revenue Mile



Operating Expense Per Passenger Mile

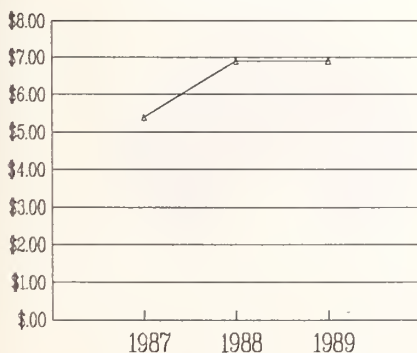


Passenger Trips Per Vehicle Revenue Mile

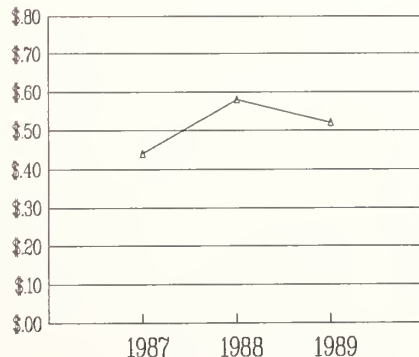


Trolley Bus

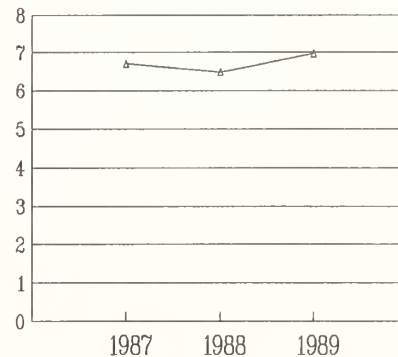
Operating Expense Per Vehicle Revenue Mile



Operating Expense Per Passenger Mile



Passenger Trips Per Vehicle Revenue Mile



Bi-State Development Agency (Bi-State)

707 N. First Street
St. Louis, MO 63102
(314) 982-1570

Chief Executive Officer: John K. Leary, Jr.,
Executive Director

Section 15 ID Number: 7006

General Information (System Wide)

Urbanized Area (UZA) Statistics - 1980 Census St. Louis, MO - IL

Square Miles	597
Population	1,848,590
Population Ranking Out of 374 UZA's	11

Service Consumption

Annual Unlinked Trips	44,664,383
Annual Passenger Miles	176,214,822
Average Weekday Unlinked Trips	157,906
Average Saturday Unlinked Trips	62,116
Average Sunday Unlinked Trips	13,254

Service Supplied

Annual Vehicle Revenue Miles	19,730,635
Annual Vehicle Revenue Hours	1,339,719
Total Fleet	736
Vehicles Operated in Maximum Service	636
Base Period Requirement	312

Vehicles Operated in Maximum Service

	Directly Operated	Purchased Transportation
Motor Bus	598	0
Demand Response	25	13

Financial Information (System Wide)

Sources of Operating Funds

Passenger Fares		\$22,912,905
Local Assistance		46,760,580
State Assistance		8,787,089
Federal Assistance		10,304,228
Other Revenues		3,906,178
Total Operating Funds	(1989)	\$92,670,980
	(1988)	\$91,247,694
	(1987)	\$89,848,439

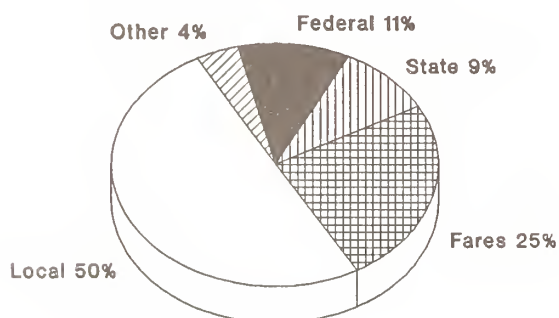
Total Operating Expenses

Salaries/Wages/Benefits		\$66,330,584
Purchased Transportation		424,830
Other Expenses		23,919,537
Total Operating Expenses	(1989)	\$90,674,951
	(1988)	\$89,532,788
	(1987)	\$91,612,151

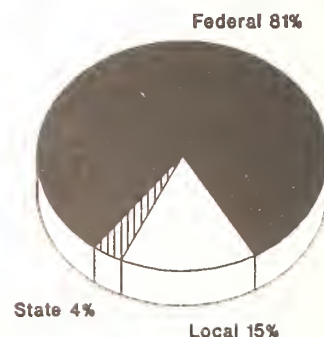
Sources of Capital Funds Expended

Local Assistance		\$2,740,640
State Assistance		633,652
UMTA Sec. 3 Discretionary	\$1,376,779	
UMTA Sec. 9 Formula	13,298,443	
UMTA Other Assistance	0	
Other Federal Assistance	0	
Federal Assistance Total		\$14,675,222
Other Capital Funds		0
Total Capital Funds Expended	(1989)	\$18,049,514
	(1988)	\$3,200,436
	(1987)	\$3,826,320

Sources of Operating Funds



Sources of Capital Funds Expended



Bi-State Development Agency (Bi-State)

Characteristics

	Motor Bus	Demand Response
Operating Expense	\$87,963,498	\$2,711,453
Annual Unlinked Trips	44,499,858	164,525
Annual Passenger Miles	174,844,405	1,370,417
Average Weekday Unlinked Trips	157,195	711
Annual Vehicle Revenue Hours	1,279,518	60,201
Annual Vehicle Revenue Miles	18,651,464	1,079,171
Fixed Guideway Directional Route Miles	19	0
Total Fleet	695	41
Vehicles Operated in Maximum Service	598	38
Base Period Requirement	278	34
Spare Ratio	16%	8%

Performance Measures

Service Efficiency

Operating Expense/Vehicle Revenue Hour	\$68.75	\$45.04
Operating Expense/Vehicle Revenue Mile	4.72	2.51

Cost Effectiveness

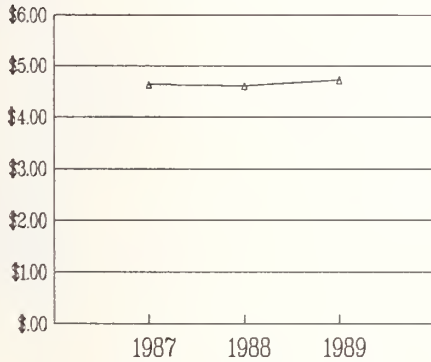
Operating Expense/Unlinked Passenger Trip	\$1.98	\$16.48
Operating Expense/Unlinked Passenger Mile	.50	1.98

Service Effectiveness

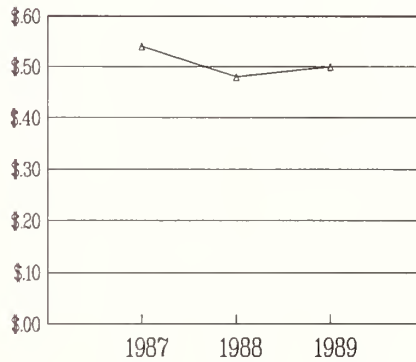
Unlinked Passenger Trips/Vehicle Revenue Hour	34.78	2.73
Unlinked Passenger Trips/Vehicle Revenue Mile	2.39	.15

Motor Bus

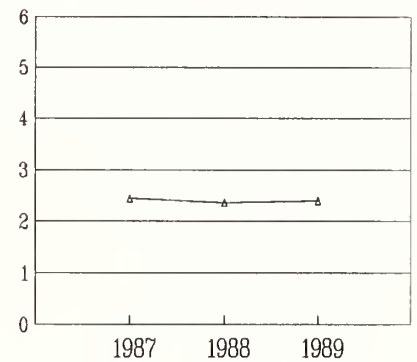
Operating Expense Per Vehicle Revenue Mile



Operating Expense Per Passenger Mile

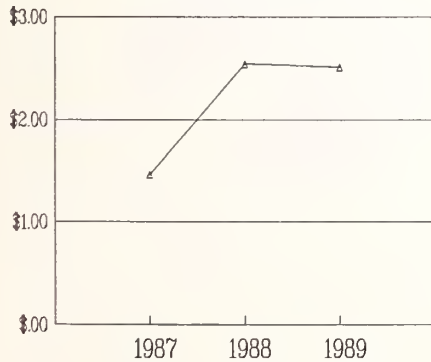


Passenger Trips Per Vehicle Revenue Mile

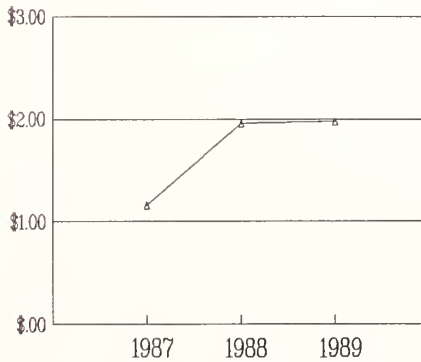


Demand Response

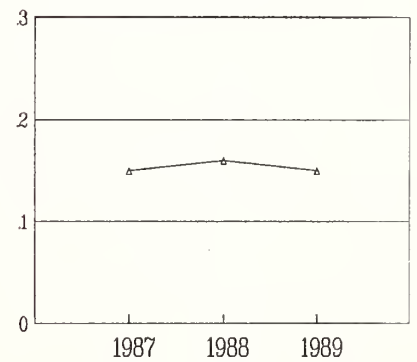
Operating Expense Per Vehicle Revenue Mile



Operating Expense Per Passenger Mile



Passenger Trips Per Vehicle Revenue Mile



Washington Metropolitan Area Transit Authority (Metro)

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

Chief Executive Officer: David L. Gunn,
General Manager

Section 15 ID Number: 3030

General Information (System Wide)

Urbanized Area (UZA) Statistics - 1980 Census Washington, DC - MD - VA

Square Miles	807
Population	2,763,105
Population Ranking Out of 374 UZA's	7

Service Consumption

Annual Unlinked Trips	352,917,497
Annual Passenger Miles	1,508,813,729
Average Weekday Unlinked Trips	1,229,039
Average Saturday Unlinked Trips	476,809
Average Sunday Unlinked Trips	307,093

Service Supplied

Annual Vehicle Revenue Miles	72,209,164
Annual Vehicle Revenue Hours	4,266,245
Total Fleet	2,274
Vehicles Operated in Maximum Service	1,879
Base Period Requirement	640

Vehicles Operated in Maximum Service

	Directly Operated	Purchased Transportation
Motor Bus	1,400	0
Rapid Rail	479	0

Financial Information (System Wide)

Sources of Operating Funds

Passenger Fares	\$243,363,471
Local Assistance	172,052,418
State Assistance	103,008,418
Federal Assistance	53,705,119
Other Revenues	18,949,085
Total Operating Funds	(1989) \$591,078,511
	(1988) \$587,684,949
	(1987) \$539,455,166

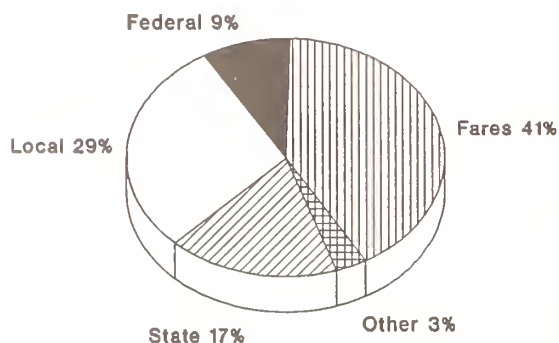
Total Operating Expenses

Salaries/Wages/Benefits	\$381,425,246
Purchased Transportation	0
Other Expenses	128,039,078
Total Operating Expenses	(1989) \$509,464,324
	(1988) \$504,863,005
	(1987) \$455,035,500

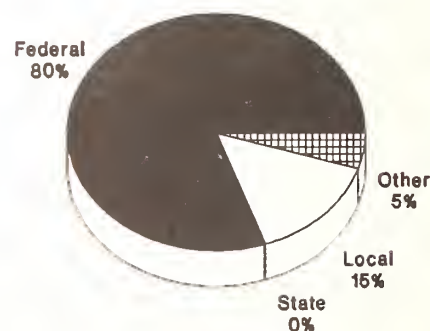
Sources of Capital Funds Expended

Local Assistance	\$43,862,831
State Assistance	315,905
UMTA Sec. 3 Discretionary	\$425,113
UMTA Sec. 9 Formula	26,230,484
UMTA Other Assistance	212,748,732
Other Federal Assistance	28,474
Federal Assistance Total	\$239,432,803
Other Capital Funds	14,907,799
Total Capital Funds Expended	(1989) \$298,519,338
	(1988) \$290,120,936
	(1987) \$295,070,265

Sources of Operating Funds



Sources of Capital Funds Expended



Washington Metropolitan Area Transit Authority (Metro)

Characteristics

	Motor Bus	Rapid Rail
Operating Expense	\$280,681,041	\$228,783,283
Annual Unlinked Trips	169,437,854	183,479,643
Annual Passenger Miles	530,498,716	978,315,013
Average Weekday Unlinked Trips	588,086	640,953
Annual Vehicle Revenue Hours	2,860,705	1,405,540
Annual Vehicle Revenue Miles	39,350,154	32,859,010
Fixed Guideway Directional Route Miles	39	139
Total Fleet	1,610	664
Vehicles Operated in Maximum Service	1,400	479
Base Period Requirement	473	167
Spare Ratio	15%	15%

Performance Measures

Service Efficiency

	Motor Bus	Rapid Rail
Operating Expense/Vehicle Revenue Hour	\$98.12	\$162.77
Operating Expense/Vehicle Revenue Mile	7.13	6.96

Cost Effectiveness

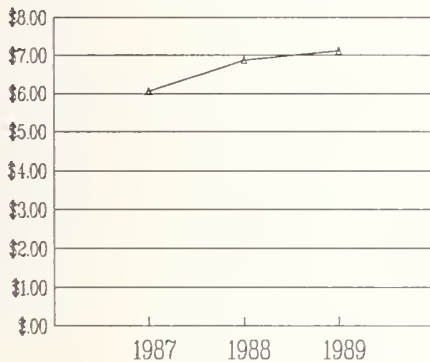
	Motor Bus	Rapid Rail
Operating Expense/Unlinked Passenger Trip	\$1.66	\$1.25
Operating Expense/Unlinked Passenger Mile	.53	.23

Service Effectiveness

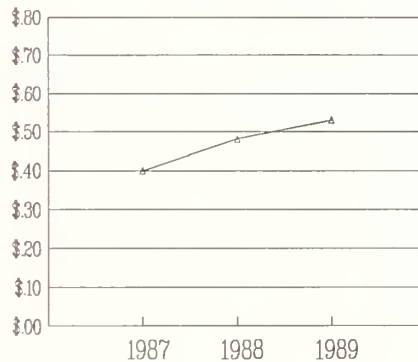
	Motor Bus	Rapid Rail
Unlinked Passenger Trips/Vehicle Revenue Hour	59.23	130.54
Unlinked Passenger Trips/Vehicle Revenue Mile	4.31	5.58

Motor Bus

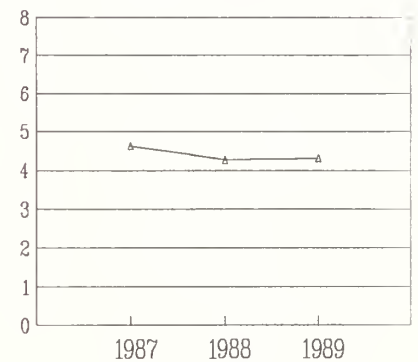
Operating Expense Per Vehicle Revenue Mile



Operating Expense Per Passenger Mile

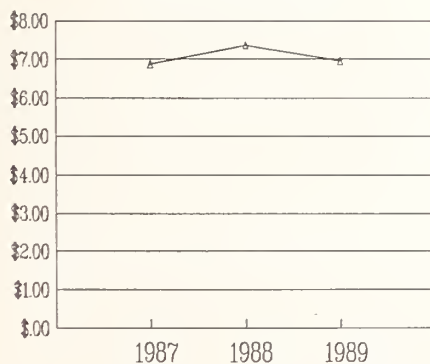


Passenger Trips Per Vehicle Revenue Mile

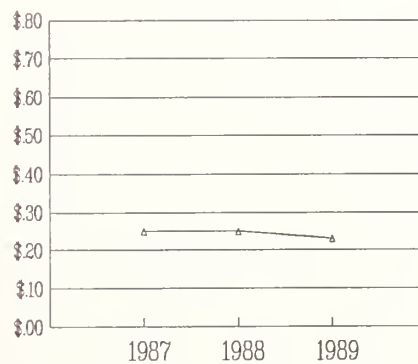


Rapid Rail

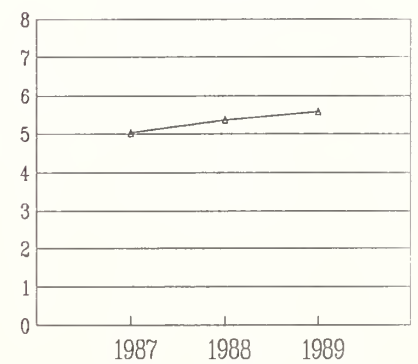
Operating Expense Per Vehicle Revenue Mile



Operating Expense Per Passenger Mile



Passenger Trips Per Vehicle Revenue Mile





Appendix A

Average of 30 Large Agencies

Average of 30 Large Agencies

General Information (System Wide)

Average Service Consumption

Annual Unlinked Trips	212,951,006
Annual Passenger Miles	1,006,776,731
Average Weekday Unlinked Trips	720,035
Average Saturday Unlinked Trips	336,179
Average Sunday Unlinked Trips	220,199

Average Service Supplied

Annual Vehicle Revenue Miles	51,774,690
Annual Vehicle Revenue Hours	3,369,366
Total Fleet	1,548
Vehicles Operated in Maximum Service	1,255
Base Period Requirement	679

Average Vehicles Operated in Maximum Service for Agencies Operating the Given Service

	Number of Agencies	Directly Operated	Purchased Transportation
Motor Bus	26	842	21
Rapid Rail	11	738	0
Commuter Rail	9	405	103
Van Pool	2	119	0
Trolley Bus	4	114	0
Street Car	9	49	0
Cable Car	1	26	0
Ferry Boat	3	18	3
Automated Guideway	1	11	11
Demand Response	16	9	140
Inclined Plane	1	2	2

Financial Information (System Wide)

Average Sources of Operating Funds

Passenger Fares		\$141,526,794
Local Assistance		80,029,912
State Assistance		62,801,915
Federal Assistance		15,157,994
Other Revenues		43,740,267
Total Avg. Operating Funds	(1989)	\$343,256,882
	(1988)	\$335,060,020
	(1987)	\$318,589,768

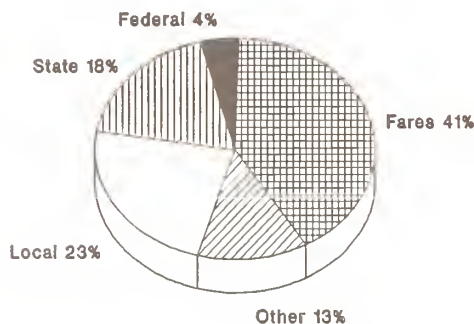
Average Total Operating Expenses

Salaries/Wages/Benefits	\$262,199,107
Purchased Transportation	14,822,225
Other Expenses	73,694,609
Total Avg. Operating Expenses	(1989) \$350,715,941
	(1988) \$333,227,163
	(1987) \$311,067,611

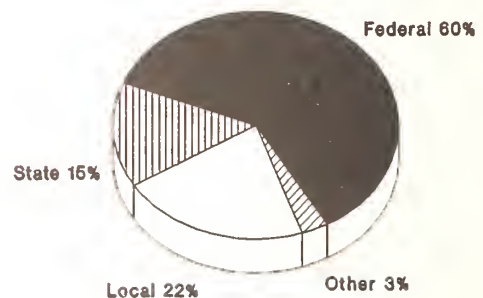
Average Sources of Capital Funds Expended

Local Assistance	\$20,574,922
State Assistance	14,170,456
UMTA Sec. 3 Discretionary	\$18,799,398
UMTA Sec. 9 Formula	27,740,364
UMTA Other Assistance	9,773,665
Other Federal Assistance	<u>1,277,131</u>
Federal Assistance Total	\$57,590,558
Other Capital Funds	2,931,076
Total Avg. Capital Funds Exp.	(1989) \$95,267,012
	(1988) \$92,959,055
	(1987) \$88,351,411

Sources of Operating Funds
(30 Agency Average)



Average Sources of Capital Funds Expended
(30 Agency Average)



Average of 30 Large Agencies

Average Characteristics

	Motor Bus (26 Agencies)	Rapid Rail (11 Agencies)
Operating Expense	\$178,211,790	\$332,751,745
Annual Unlinked Trips	126,149,913	230,083,698
Annual Passenger Miles	427,384,129	1,078,676,278
Average Weekday Unlinked Trips	380,978	784,017
Annual Vehicle Revenue Hours	2,498,887	2,329,059
Annual Vehicle Revenue Miles	30,264,246	45,574,672
Fixed Guideway Directional Route Miles	32	78
Total Fleet	1,041	948
Vehicles Operated in Maximum Service	867	738
Base Period Requirement	439	400
Spare Ratio	20%	28%

Average Performance Measures

Service Efficiency

Operating Expense/Vehicle Revenue Hour	\$71.32	\$142.87
Operating Expense/Vehicle Revenue Mile	5.89	7.30

Cost Effectiveness

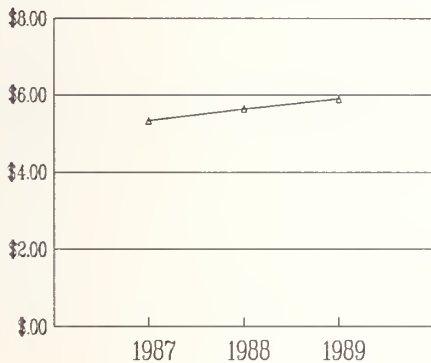
Operating Expense/Unlinked Passenger Trip	\$1.41	\$1.45
Operating Expense/Unlinked Passenger Mile	.42	.31

Service Effectiveness

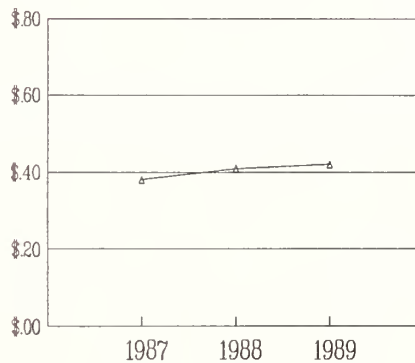
Unlinked Passenger Trips/Vehicle Revenue Hour	50.48	98.79
Unlinked Passenger Trips/Vehicle Revenue Mile	4.17	5.05

Average Motor Bus

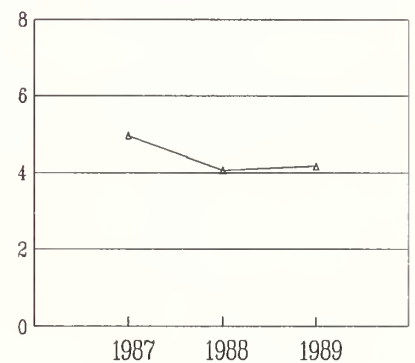
Operating Expense Per
Vehicle Revenue Mile



Operating Expense Per
Passenger Mile

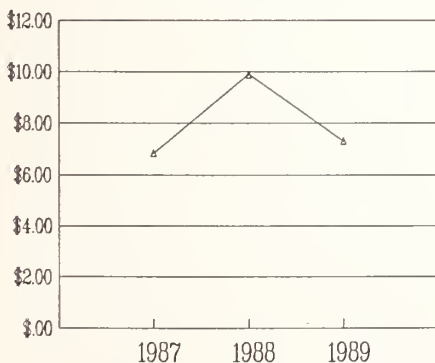


Passenger Trips Per
Vehicle Revenue Mile

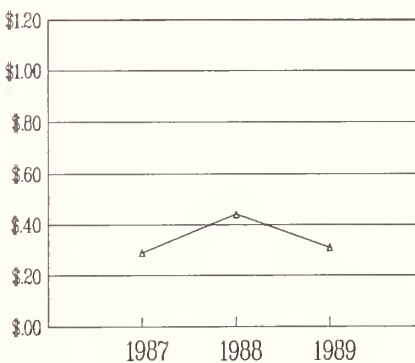


Average Rapid Rail

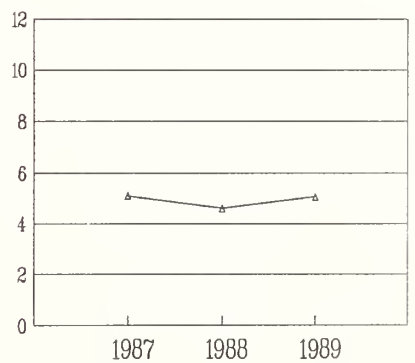
Operating Expense Per
Vehicle Revenue Mile



Operating Expense Per
Passenger Mile



Passenger Trips Per
Vehicle Revenue Mile





Appendix B

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

System Wide Information

(all modes, directly operated service plus purchased service where purchased provider does not file separate report)

<u>Data Item</u>	<u>Location in Section 15 Report</u>
1. Agency Name, Address, Phone and ID Number	Form 001, ID Number Data Items 1, 2 and 3
2. Chief Executive Officer	CEO Certification
3. (1980 Census) Urbanized Area Statistics Square Miles, Population and Rank	<i>Section 15 Annual Report</i>

Service Consumption

<u>Data Item</u>	<u>Location in Section 15 Report</u>
4. Annual Unlinked Trips	Σ Form 406 ln 12, col i + Σ Form 407 ln 13, col i
5. Annual Passenger Miles	Σ Form 406 ln 13, col i + Σ Form 407 ln 14, col i
6. Average Weekday Unlinked Trips	Σ Form 406 ln 12, col f + Σ Form 407 ln 13, col f
7. Average Saturday Unlinked Trips	Σ Form 406 ln 12, col g + Σ Form 407 ln 13, col g
8. Average Sunday Unlinked Trips	Σ Form 406 ln 12, col h + Σ Form 407 ln 13, col h

Service Characteristics

<u>Data Item</u>	<u>Location in Section 15 Report</u>
9. Annual Vehicle Revenue Miles	Σ Form 406 ln 04, col i + Σ Form 407 ln 08, col i
10. Annual Vehicle Revenue Hours	Σ Form 406 ln 06, col i + Σ Form 407 ln 11, col i
11. Total Fleet	Σ Forms 003-004, col f
12. Vehicles Operated in Maximum Service	Σ Form 406 ln 01, col f + Σ Form 407 ln 02, col f

Service Characteristics (continued)

Data Item

Location in Section 15 Report

13. Base Period Requirement

Σ Form 406 ln 01, col c +
 Σ Form 407 ln 02, col c
Note: if col c = 0, should use col f

Vehicles Operated in Maximum Service

Data Item

Location in Section 15 Report

14. Mode, Type of Service, and Vehicles
Form 003 (DO); Form 004 (PT)

Form 003/004 col e (vehicles);
col b (mode)

Sources of Operating Funds

Data Item

Location in Section 15 Report

15. Passenger Fares

Form 201 Σ (ln 01-02, col c) *or*
Form 202 Σ (ln 08,15, col d)

16. Local Assistance

Form 201 Σ (ln 09-10, col c) *or*
Form 202-2 Σ (ln 19,24, col d)

17. State Assistance

Form 201 Σ (ln 11-12, col c) *or*
Form 202-2 ln 33, col d +
Form 202-3 ln 06, col d

18. Federal Assistance

Form 201 ln 13, col c *or*
Form 202-3 ln 10, col d

19. Other Revenues

Computed
Difference of Total Operating Funds
and Passenger Fares, and local,
State and Federal Assistance

20. Total Operating Funds
(1989, 1988, 1987)

Form 201 ln 17, col c *or*
Form 202-3 ln 18, col d

Total Operating Expenses

Data Item

Location in Section 15 Report

21. Salaries/Wages/Benefits

Form 301 Σ (ln 01-03, col f) *or*
Form 310-1 Σ (ln 01-03, col f) *or*
Form 315-1 Σ (ln 03-04, col b)

Total Operating Expenses (continued)

<u>Data Item</u>	<u>Location in Section 15 Report</u>
22. Purchased Transportation	Form 301 Σ (ln 11-12, col f) <i>or</i> Form 310-1 Σ (ln 11-12, col f) <i>or</i> Form 315-2 ln 12, col b
23. Other Expenses	Computed Difference of Total Operating Expenses and Salaries/Wages/Benefits and Purchased Transportation
24. Total Operating Expenses (Total System Expenses) (1989, 1988, 1987)	Form 301 Σ (ln 15 col f) <i>or</i> Form 310-1 Σ (ln 15 col f) <i>or</i> Form 315-2 Σ (ln 27 col b)

Sources of Capital Funds Expended

<u>Data Item</u>	<u>Location in Section 15 Report</u>
25. Local Assistance	Form 103 ln 19, col c
26. State Assistance	Form 103 ln 19, col b
27. UMTA Sec. 3 Discretionary	Form 103 ln 01, col c
28. UMTA Sec. 9 Formula	Form 103 ln 02, col c
29. UMTA Other Assistance	Form 103 ln 03, col c
30. Other Federal Assistance	Form 103 Σ (ln 05-06, col c)
31. Federal Assistance Total	Form 103 ln 07, col c
32. Other Capital Funds	Form 103 ln 20, col b + col c
33. Total Capital Funds Expended (1989, 1988, 1987)	Form 103 ln 07, col c + ln 19, (col b + col c) + ln 20, (col b + col c)

Mode Level Information

(four modes; by mode, directly operated service plus purchased service where purchased provider does not file separate report)

Characteristics

Data Item

Location in Section 15 Report

34. Operating Expense

Note: modal information does not include reconciling items and memo items; data not reported by mode

Form 301 ln 15, col f minus
ln 12, col f *or*
Form 310 Σ pg(2-5) ln 99, "mode"
minus ln 12, col f *or*
Form 311 Σ pg(1-44)ln 99, "mode"
minus ln 35, "mode" *or*
Form 312 Σ pg(1-21)ln 99, "mode"
minus ln 35, "mode" *or*
Form 313 Σ pg(1-4) ln 99, "mode"
minus ln 35, "mode"

35. Annual Unlinked Trips

Σ "mode" Form 406 ln 12, col i *or*

36. Annual Passenger Miles

Σ "mode" Form 406 ln 13, col i *or*
 Σ "mode" Form 407 ln 14, col i

37. Average Weekday Unlinked Trips

Σ "mode" Form 406 ln 12, col f *or*
 Σ "mode" Form 407 ln 13, col f

38. Annual Vehicle Revenue Hours

Σ "mode" Form 406 ln 06, col i *or*
 Σ "mode" Form 407 ln 11, col i

39. Annual Vehicle Revenue Miles

Σ "mode" Form 406 ln 04, col i *or*
 Σ "mode" Form 407 ln 08, col i

40. Directional Route Miles (FG)

Σ Form 403 ln 09, col c *or*
 Σ Form 403 ln 18, col c *or*
 Σ Form 403 ln 27, col c *or*
 Σ Form 403 ln 29, col c *or*
 Σ Form 403 ln 31, col c *or*
 Σ Form 403 ln 33, col c *or*
 Σ Form 403 ln 34, col (c+d) *or*
 Σ Form 403 ln 35, col (c+d) *or*
 Σ Form 403 ln 36, col (c+d) *or*
 Σ Form 403 ln 37, col (c+d) *or*
 Σ Form 403 ln 38, col (c+d)

41. Total Fleet

"mode" Σ "vehicle type"
(Forms 003-004, col f)

42. Vehicles Operated in Maximum Service

Σ "mode" Form 406 ln 01, col f *or*
 Σ "mode" Form 407 ln 02, col f

Characteristics (continued)

Data Item

Location in Section 15 Report

43. Base Period Requirement

Σ "mode" Form 406 ln 01, col c *or*
 Σ "mode" Form 407 ln 02, col c
Note: if col c = 0, should use col f

44. Spare Ratio

Computed
Item 41/Item 42

Performance Measures

Service Efficiency

Data Item

Location in Section 15 Report

45. Operating Expense/Vehicle Revenue Hour

Computed
Item 34/Item 38

46. Operating Expense/Vehicle Revenue Mile

Computed
Item 34/Item 39

Cost Effectiveness

Data Item

Location in Section 15 Report

47. Operating Expense/UPT

Computed
Item 34/Item 35

48. Operating Expense/Passenger Mile

Computed
Item 34/Item 36

Service Effectiveness

Data Item

Location in Section 15 Report

49. UPT's/Vehicle Revenue Hour

Computed
Item 35/Item 38

50. UPT's/Vehicle Revenue Mile

Computed
Item 35/Item 39

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