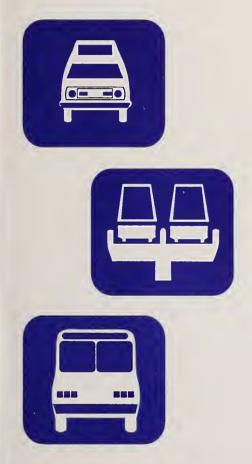


Urban Mass Transportation Administration

BAJNES

Transit Profiles

The Thirty Largest Agencies



For the 1990 Section 15 Report Year





November 1991

Audit Review and Analysis Division Office of Capital and Formula Assistance

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

Transit Profiles

The Thirty Largest Agencies For the 1990 Section 15 Report Year

Introduction

This publication consists of consolidated profiles for the thirty (30) largest transit agencies in the United States. The criteria used to determine the thirty (30) largest transit agencies is operating expense reported for the 1990 report year. The data contained in each profile consists of general and summary reports, as well as modal, performance, and trend indicators for the 1990 report year. The 1990 Report Year is defined as a transit reporting agency with a fiscal year ending on or between January 1 and December 31.

In order to provide a more user friendly and easily understood document, a unique publication name has been created for some transit agencies. There were 518 reports included in the Section 15 reporting system for the 1990 report year. Many transit systems have similar names such as "Mass Transportation Authority" or "Regional Transit District." The publication names attempt to place emphasis on urbanized area names to assist with geographical references and also to show relationships with regional governing bodies and contractual relationships with purchased transportation providers.

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

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

At the bottom of the right page are line graphs for selected performance measures. They are provided for the modes in columns 1 and 2 to indicate trend data from 1987 through 1990. Inconsistent patterns on the line graphs are due to certain anomalies in the database. There are several reasons for these anomalies. They include: 1) the transit agency

commenced reporting after 1987; 2) a new mode was reported after 1987; 3) a report was not received for a given year between 1987 and 1990; 4) a waiver was granted for financial, and/or sampling information; and 5) data was either questionable, partially deleted, or zeroed for a given year.

For transit systems with purchased transportation relationships exceeding fifty (50) vehicles operated in maximum service, the reports of both the transit agency and the purchased transportation provider(s) have been consolidated in order to provide a comprehensive summary of financial performance as well as the amount of transit service supplied and consumed. Where this consolidation has occurred, a notation of the purchased transportation providers and Section 15 Identification Numbers has been made in the general information section and an asterisk has been placed next to the purchased transportation expense figure.

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

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

Appendix B provides a Cross Reference Table and indicates where each data item appearing in this Profile can be located in the Section 15 report filed by individual transit systems. For data items that were derived, the formula used to calculate each item is listed. Appendix B is based on a 1990 R (Required) reporting level.

Additional information can be obtained from the following reference materials:

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

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*Transit systems which have purchased transportation contracts exceeding fifty (50) vehicles operated in maximum service are denoted by an asterisk. For these transit systems, data has been aggregated for both the transit system and purchased transportation provider(s).

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*Transit systems which have purchased transportation contracts exceeding fifty (50) vehicles operated in maximum service are denoted by an asterisk. For these transit systems, data has been aggregated for both the transit system and purchased transportation provider(s).

Transit Profiles

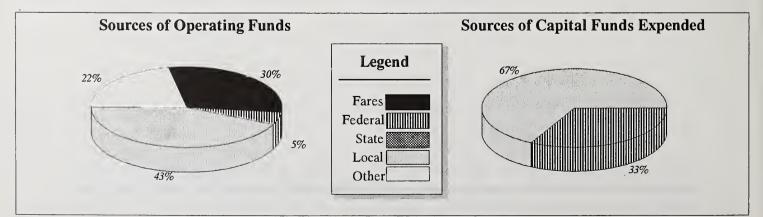
Metropolitan Atlanta Rapid Transit Authority (MARTA)

2424 Piedmont Road, N.E. Atlanta, GA 30324 (404)848-5610 Chief Executive Officer: Kenneth M. Gregor, General Manager

Section 15 ID Number: 4022

General Information (System Wide)

Urbanized Area (UZA)	Statistics - 1990 (Census	Sources of Operating Funds		
Atlanta, GA			Passenger Fares		\$58,094,997
Square Miles		1,137	Local Assistance		84,943,498
Population		2,157,806	State Assistance		167,985
Population Ranking	Out of 405 UZA's	12	Federal Assistance		9,759,811
			Other Revenues		42,216,012
Service Area Statistics			Total Operating Funds	(1990)	\$195,182,303
Square Miles		804		(1989)	\$170,041,973
Population		1,224,600		(1988)	\$163,213,650
Service Consumption			Summary of Operating Expenses		
Annual Unlinked Trip	ps	147,882,193	Salaries/Wages/Benefits		\$128,206,893
Annual Passenger Mi	les	632,737,662	Materials & Supplies		19,415,982
Average Weekday Ur	nlinked Trips	488,139	Purchased Transportation		1,913,996
Average Saturday Un	linked Trips	285,025	Other Expenses		16,288,540
Average Sunday Unli	nked Trips	159,250	Total Operating Expenses	(1990)	\$165,825,411
				(1989)	\$158,032,799
Service Supplied				(1988)	\$147,991,972
Annual Vehicle Reve	nue Miles	41,684,717			
Annual Vehicle Reve	nue Hours	2,647,061	Sources of Capital Funds Expende	ed	
Total Fleet		957	Local Assistance		\$80,779,523
Vehicles Operated in	Maximum Service	732	State Assistance		0
Base Period Requirer	ment	374	UMTA Sec. 3 Discretionary	\$33,430,819	
1			UMTA Sec. 9 Formula	6,746,204	
Vehicles Operated in M	faximum Service		UMTA Other Assistance	0	
	Directly	Purchased	Other Federal Assistance	0	
	Operated	Transportation	Federal Assistance Total		40,177,023
Motor Bus	563	18	Total Capital Funds Expended	(1990)	\$120,956,546
Heavy Rail	138	0		(1989)	\$100,259,297
Demand Response	0	13		(1988)	\$159,396,173



Metrop	oolitan Atlanta Rapid Transi	t Autho	rity (MA	RTA)							
Characteristics						Motor Bus		Heavy Rail			Demand Response
Operatin	g Expense		\$102,382,563		\$6	2,553,578		- \$889,270			
	Unlinked Trips					78,898			2,999,970 8,947,000		36,812
	Passenger Miles										404,932
	Weekday Unlinked Trips		272,290,605 260,730		360,042,125 227,261	404,932					
	Vehicle Revenue Hours						646,169		25,146		
						1,975		1/			
	Vehicle Revenue Miles					25,628		1.	5,609,155		446,674
	ideway Directional Route Miles						0.2		67.0		0.0
Fotal Fle							704		238		1
	Operated in Maximum Service						581		138		1
	Base Ratio						2.1		1.4		4.
Spare Ra	atio						21%		72%		15%
Perforn	nance Measures										
Service E	Efficiency										
Operating	g Expense/Vehicle Revenue Hour					\$	51.82		\$96.81		\$35.30
	g Expense/Vehicle Revenue Mile					S	\$3.99		\$4.01		\$1.99
Cost Effe	ectiveness										
	g Expense/Unlinked Passenger Tri	ip					\$1.30		\$0.91		\$24.16
-	g Expense/Passenger Mile						\$0.38		\$0.17		\$2.20
	Effectiveness	II					20.0		106.7	,	1.5
Unlinked	l Passenger Trips/Vehicle Revenue l Passenger Trips/Vehicle Revenue						39.9 3.1		106.7		1 0.1
		2 Mile	-	erating E Passeng	-	Per		Passe	enger Trij Revent	ps Per V ue Mile	ehicle
Unlinked	Bus Operating Expense Per Vehicle	\$0.40	-	erating E Passeng	-	Per	3.5	Passe		-	ehicle
Unlinked Motor	Bus Operating Expense Per Vehicle		-	-	-	Per	3.5	Passe		-	ehicle
Unlinked Motor	Bus Operating Expense Per Vehicle	\$0.40	-	-	-	Per	3.0	Passe		-	ehicle
Unlinked Motor \$4.00 \$3.50	Bus Operating Expense Per Vehicle	\$0.40 \$0.35	-	-	-	Per	3.0 2.5	Passe		-	ehicle
Unlinked Motor \$4.00 \$3.50 \$3.00	Bus Operating Expense Per Vehicle	\$0.40 \$0.35 \$0.30	-	-	-	Per	3.0 2.5 2.0	Passe		-	ehicle
Unlinked Motor \$4.00 \$3.50 \$3.00 \$2.50	Bus Operating Expense Per Vehicle	\$0.40 \$0.35 \$0.30 \$0.25	-	-	-	Per	3.0 2.5 2.0 1.5	Passe		-	ehicle
Unlinked Motor \$4.00 \$3.50 \$3.00 \$2.50 \$2.00	Bus Operating Expense Per Vehicle	\$0.40 \$0.35 \$0.30 \$0.25 \$0.20	-	-	-	Per	3.0 2.5 2.0	Passe		-	ehicle
Motor \$ \$4.00 \$3.50 \$2.50 \$2.00 \$1.50	Bus Operating Expense Per Vehicle	\$0.40 \$0.35 \$0.30 \$0.25 \$0.20 \$0.15 \$0.10	-	-	-	Per	3.0 2.5 2.0 1.5	Passe		-	ehicle
Motor \$4.00 \$3.50 \$2.50 \$2.00 \$1.50 \$1.00	Bus Operating Expense Per Vehicle	\$0.40 \$0.35 \$0.30 \$0.25 \$0.20 \$0.15	-	-	-	Per	3.0 - 2.5 - 2.0 - 1.5 - 1.0 -	Passe		-	ehicle
Motor \$4.00 \$3.50 \$3.00 \$2.50 \$2.00 \$1.50 \$1.00 \$0.50	Bus Operating Expense Per Vehicle	\$0.40 \$0.35 \$0.30 \$0.25 \$0.20 \$0.15 \$0.10 \$0.05	-	-	-	Per	3.0 2.5 2.0 1.5 1.0 0.5	Passe 		-	ehicle
Motor \$4.00 \$3.50 \$3.00 \$2.50 \$2.00 \$1.50 \$1.00 \$0.50	Bus Operating Expense Per Vehicle Revenue Mile 1987 1988 1989 1990 Rail Operating Expense Per Vehicle	\$0.40 \$0.35 \$0.30 \$0.25 \$0.20 \$0.15 \$0.10 \$0.05	1987 Ope	Passeng 1988 erating E	er Mile	1990	3.0 2.5 2.0 1.5 1.0 0.5	1987	Revent 1988	1989	0
Julinked Motor \$4.00 \$3.50 \$3.50 \$2.50 \$2.00 \$1.50 \$1.00 \$0.50 \$0.00	Bus Operating Expense Per Vehicle Revenue Mile	\$0.40 \$0.35 \$0.30 \$0.25 \$0.20 \$0.15 \$0.10 \$0.05 \$0.00	1987 Ope	Passeng 1988	er Mile	1990	3.0 - 2.5 - 2.0 - 1.5 - 1.0 - 0.5 - 0.0 -	1987	Revent	1989	
Unlinked Motor \$4.00 \$3.50 \$3.00 \$2.50 \$2.00 \$1.50 \$1.00 \$0.50 \$0.00	Bus Operating Expense Per Vehicle Revenue Mile 1987 1988 1989 1990 Rail Operating Expense Per Vehicle	\$0.40 \$0.35 \$0.30 \$0.25 \$0.20 \$0.15 \$0.10 \$0.05	1987 Ope	Passeng 1988 erating E	er Mile	1990	3.0 - 2.5 - 2.0 - 1.5 - 0.5 - 0.0 -	1987	Revent 1988	1989	
Unlinked Motor \$4.00 \$3.50 \$3.00 \$2.50 \$2.00 \$1.50 \$1.00 \$0.50 \$0.00 Heavy	Bus Operating Expense Per Vehicle Revenue Mile 1987 1988 1989 1990 Rail Operating Expense Per Vehicle	\$0.40 \$0.35 \$0.30 \$0.25 \$0.20 \$0.15 \$0.10 \$0.05 \$0.00 \$0.20	1987 Ope	Passeng 1988 erating E	er Mile	1990	3.0 - 2.5 - 2.0 - 1.5 - 1.0 - 0.5 - 0.0 -	1987	Revent 1988	1989	
Unlinked Motor \$4.00 \$3.50 \$3.00 \$2.50 \$2.00 \$1.50 \$1.00 \$0.50 \$0.00 Heavy 1 \$5.00 \$4.00	Bus Operating Expense Per Vehicle Revenue Mile 1987 1988 1989 1990 Rail Operating Expense Per Vehicle	\$0.40 \$0.35 \$0.30 \$0.25 \$0.20 \$0.15 \$0.10 \$0.05 \$0.00	1987 Ope	Passeng 1988 erating E	er Mile	1990	3.0 - 2.5 - 2.0 - 1.5 - 0.5 - 0.0 -	1987	Revent 1988	1989	
Julinked Motor \$4.00 \$3.50 \$3.00 \$2.50 \$2.00 \$1.50 \$1.00 \$0.50 \$0.00 Heavy \$5.00 \$4.00 \$3.00	Bus Operating Expense Per Vehicle Revenue Mile 1987 1988 1989 1990 Rail Operating Expense Per Vehicle	\$0.40 \$0.35 \$0.30 \$0.25 \$0.20 \$0.15 \$0.10 \$0.05 \$0.00 \$0.20	1987 Ope	Passeng 1988 erating E	er Mile	1990	3.0 - 2.5 - 2.0 - 1.5 - 1.0 - 0.5 - 0.0 -	1987	Revent 1988	1989	1990
Julinked Motor \$4.00 \$3.50 \$3.00 \$2.50 \$2.00 \$1.50 \$1.00 \$0.50 \$0.00 Heavy \$5.00 \$4.00	Bus Operating Expense Per Vehicle Revenue Mile 1987 1988 1989 1990 Rail Operating Expense Per Vehicle	\$0.40 \$0.35 \$0.30 \$0.25 \$0.20 \$0.15 \$0.10 \$0.05 \$0.00 \$0.20 \$0.20 \$0.15 \$0.10	1987 Ope	Passeng 1988 erating E	er Mile	1990	3.0 - 2.5 - 2.0 - 1.5 - 1.0 - 0.5 - 0.0 - 6.0 - 5.0 - 4.0 -	1987	Revent 1988	1989	
Unlinked Motor \$4.00 \$3.50 \$3.00 \$2.50 \$2.00 \$1.50 \$1.00 \$0.50 \$0.00 Heavy I \$5.00 \$4.00 \$3.00	Bus Operating Expense Per Vehicle Revenue Mile 1987 1988 1989 1990 Rail Operating Expense Per Vehicle	\$0.40 \$0.35 \$0.20 \$0.15 \$0.10 \$0.05 \$0.00 \$0.25 \$0.00	1987 Ope	Passeng 1988 erating E	er Mile	1990	3.0 - 2.5 - 2.0 - 1.5 - 1.0 - 0.5 - 0.0 - 6.0 - 5.0 - 4.0 - 3.0 -	1987	Revent 1988	1989	0
Julinked Motor \$4.00 \$3.50 \$3.00 \$2.50 \$2.00 \$1.50 \$1.00 \$0.50 \$0.00 Heavy \$5.00 \$4.00 \$3.00 \$2.00	Bus Operating Expense Per Vehicle Revenue Mile 1987 1988 1989 1990 Rail Operating Expense Per Vehicle	\$0.40 \$0.35 \$0.30 \$0.25 \$0.20 \$0.15 \$0.10 \$0.05 \$0.00 \$0.20 \$0.20 \$0.15 \$0.10	1987 Ope	Passeng 1988 erating E	er Mile	1990	$\begin{array}{c} 3.0 \\ 2.5 \\ 2.0 \\ 1.5 \\ 1.0 \\ 0.5 \\ 0.0 \\ \end{array}$	1987	Revent 1988	1989	

Source: 1990 Section 15 Annual Report

3

Maryland Mass Transit Administration (MTA)

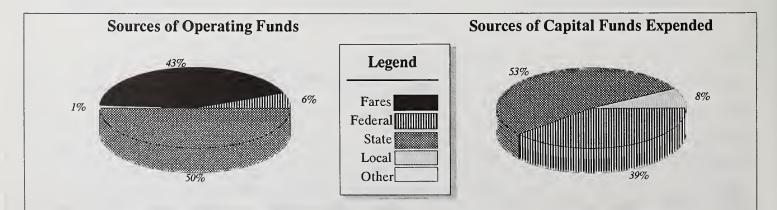
1515 Washington Boulevard Baltimore, MD 21230 (301)333-2865 Chief Executive Officer: Ronald J. Hartman, Administrator/General Manager

Section 15 ID Number: 3034

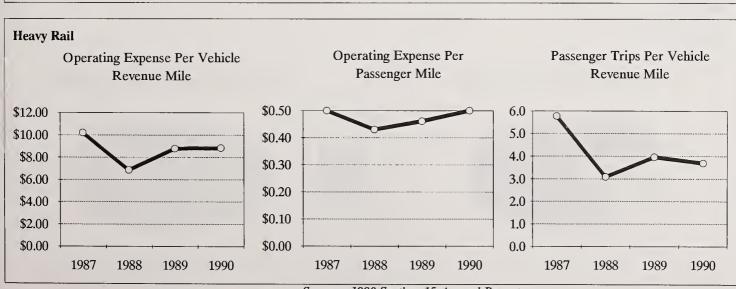
General Information (System Wide)

Urbanized Area (UZA)	Statistics - 1990 C	Census
Baltimore, MD		
Square Miles		593
Population		1,889,873
Population Ranking		17
Other UZA's Served	:	7
Service Area Statistics		
Square Miles		1,795
Population		2,077,667
Service Consumption		
Annual Unlinked Tri	ps	113,221,637
Annual Passenger Mi	les	384,900,387
Average Weekday Ur		392,722
Average Saturday Un	linked Trips	169,420
Average Sunday Unli	+	77,433
Contra Constitut		
Service Supplied	3.71	26.040.000
Annual Vehicle Reve		26,048,829
Annual Vehicle Reve	nue Hours	2,015,955
Total Fleet		1,077
Vehicles Operated in	Maximum Service	878
Base Period Require	ment	348
Vehicles Operated in M	Iaximum Service	
	Directly	Purchased
	Operated	Transportation
Motor Bus	715	56
Heavy Rail	60	0
Demand Response	15	32
-		

Sources of Operating Funds		
Passenger Fares		\$65,962,040
Local Assistance		0
State Assistance		78,674,022
Federal Assistance		8,999,529
Other Revenues		1,534,827
Total Operating Funds	(1990)	\$155,170,418
	(1989)	\$141,706,590
	(1988)	\$125,519,869
Summary of Operating European		
Summary of Operating Expenses Salaries/Wages/Benefits		\$115,806,402
Materials & Supplies		16,416,134
Purchased Transportation		4,292,477
Other Expenses		4,292,477
^	(1990)	\$151,755,008
Total Operating Expenses	(1990) (1989)	\$137,506,427
	(1988)	\$133,818,993
Sources of Capital Funds Expend	led	
Local Assistance		\$15,000,000
State Assistance		92,593,823
UMTA Sec. 3 Discretionary	\$2,801,996	
UMTA Sec. 9 Formula	15,966,803	
UMTA Other Assistance	0	
Other Federal Assistance	49,612,065	
Federal Assistance Total		68,380,864
Total Capital Funds Expended	(1990)	\$175,974,687
	(1989)	\$69,037,361
	(1988)	\$30,651,634



Iaryland Mass Transit Administration	on (MTA)	Motor	Userry	Deman
characteristics		Bus	Heavy Rail	Respons
noncting European		\$116 276 295		\$2,879,09
perating Expense nnual Unlinked Trips		\$116,276,385 99,426,446	\$32,599,526 13,612,246	\$2,879,09 182,94
nnual Passenger Miles		318,071,796	65,684,229	1,144,36
verage Weekday Unlinked Trips		343,859	48,193	1,1 11 ,50 6
nnual Vehicle Revenue Hours		1,787,653	161,949	66,3
nnual Vehicle Revenue Miles		21,404,779	3,690,964	953,0
		21,404,779	26.6	955,0
xed Guideway Directional Route Miles otal Fleet				L. L. L.
		924	100 60	
ehicles Operated in Maximum Service		771		NT.
eak to Base Ratio		2.8	2.1	N/
pare Ratio		20%	67%	13
erformance Measures				
rvice Efficiency				
perating Expense/Vehicle Revenue Hour		\$65.04	\$201.30	\$43.
perating Expense/Vehicle Revenue Mile		\$5.43	\$8.83	\$3.
ost Effectiveness				
perating Expense/Unlinked Passenger Trip		\$1.17	\$2.39	\$15.
perating Expense/Passenger Mile		\$0.37	\$0.50	\$2.
ervice Effectiveness				
nlinked Passenger Trips/Vehicle Revenue H	our	55.6	84.1	2
nlinked Passenger Trips/Vehicle Revenue M	ile	4.7	3.7	C
Motor Bus				
Operating Expense Per Vehicle	Operating	g Expense Per	Passenger Trips Pe	er Vehicle
Revenue Mile	Passe	enger Mile	Revenue M	ile
	NO 40	5.0		
	\$0.40 \$0.35	5.0		
	\$0.30	4.0		
	\$0.25	3.0		
	\$0.20			
$\Psi \mathcal{L}, \mathcal{M}$	\$0.15	2.0		
\$1.00	\$0.10	1.0 +		
1	\$0.05			
\$0.00	\$0.00	0.0 ↓		



Source: 1990 Section 15 Annual Report

Boston Massachusetts Bay Transportation Authority (MBTA)

10 Park Plaza Boston, MA 02116 (617)722-3399 Chief Executive Officer: John J. Haley, Jr., General Manager

Section 15 ID Number: 1003

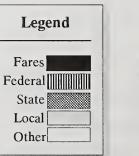
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Purchased Transportation Providers: Boston-MBTA Contract Services- Amtrak (1100)

General Information (System Wide)

Financial Information (System Wide)

Urbanized Area (UZA)	Statistics - 1990 (Census	Sources of Operating Funds		¢107 741 004
Boston, MA		001	Passenger Fares		\$127,741,024
Square Miles		891	Local Assistance		103,301,198
Population	O £ 405 X17 A2-	2,775,370	State Assistance		322,875,029
Population Ranking			Federal Assistance		18,463,034
Other UZA's Served	•	38, 111	Other Revenues	(1000)	21,486,097
Service Area Statistics		1.000	Total Operating Funds	(1990)	\$593,866,382
Square Miles		1,038		(1989)	\$544,152,314
Population		2,602,487		(1988)	\$506,052,472
Service Consumption			Summary of Operating Expenses		
Annual Unlinked Trij	ps	323,563,782	Salaries/Wages/Benefits		\$340,657,966
Annual Passenger Mi	les	1,190,030,207	Materials & Supplies		25,030,914
Average Weekday Ur	linked Trips	1,035,768	Purchased Transportation		102,144,427
Average Saturday Un	linked Trips	700,559	Other Expenses		64,436,844
Average Sunday Unli	nked Trips	389,259	Total Operating Expenses	(1990)	\$532,270,151
				(1989)	\$487,930,954
Service Supplied				(1988)	\$433,390,771
Annual Vehicle Reve	nue Miles	66,235,748			
Annual Vehicle Reve	nue Hours	4,002,930	Sources of Capital Funds Expend	ed	
Total Fleet		2,340	Local Assistance		\$1,721,305
Vehicles Operated in	Maximum Service	1,692	State Assistance		34,399,244
Base Period Requirer	nent	867	UMTA Sec. 3 Discretionary	\$58,731,259	
			UMTA Sec. 9 Formula	23,138,897	
Vehicles Operated in M	Iaximum Service		UMTA Other Assistance	24,691,277	
	Directly	Purchased	Other Federal Assistance	1,126,495	
	Operated	Transportation	Federal Assistance Total		107,687,928
Motor Bus	752	106	Total Capital Funds Expended	(1990)	\$143,808,477
Heavy Rail	320	0		(1989)	\$142,428,352
Commuter Rail	0	273		(1988)	\$209,053,102
Light Rail	139	0			
Demand Response	0	69			
Trolleybus	25	0			
Ferry Boat	0	8			
Source	es of Operating	Funds	Sources of Capit	al Funds Exp	pended
	3%		Legend		
22%				2	4%



75%

54%

4%

17%

Boston	Massachusett	s Bay I	Franspo	rtation	Author	ity (MB]	ľA)	п.		C.			Ticht
Charact	teristics					Motor Bus		He: F	avy Rail	Co	mmuter Rail		Light Rail
Annual U Annual Pa Average V Annual V Annual V Fixed Gui Total Flee Vehicles (Peak to B	Operated in Max Base Ratio	Hours Miles al Route			2	74,304,989 96,904,093 46,989,676 308,219 2,047,533 25,907,779 10.0 1,223 858 2.5 43%	3 5 9 9 9 9 9 9 9 3 5	-	139 902 621 892	19 348	9,141,309 9,207,977 3,394,353 77,340 505,600 3,186,126 529.8 345 273 N/A 26%		\$27,326,177 23,354,792 32,696,708 72,396 116,909 1,294,977 52.0 237 139 1.6 71%
Spare Rat						-570	/	24	070		2070		/1/0
Perform Service Ef	nance Measur	es											
Operating	g Expense/Vehic g Expense/Vehic					\$85.13 \$6.73		\$200 \$9).29).49		\$176.31 \$6.76		\$233.74 \$21.10
	e ctiveness g Expense/Unlin g Expense/Passe		-	ip		\$1.80 \$0.71			22).40		\$4.64 \$0.26		\$1.17 \$0.84
Unlinked	Affectiveness Passenger Trips Passenger Trips					47.3 3.7			5 3. 6 7.8		38.0 1.5		199.8 18.0
Motor I	Operating Expe		Vehicle		Ор	erating Ex	-	Per		Passe	nger Trij Revenu		ehicle
Motor H \$7.00 \$6.00 \$5.00 \$4.00 \$3.00 \$2.00 \$1.00 \$0.00			Vehicle	\$0.80 \$0.70 \$0.60 \$0.50 \$0.40 \$0.30 \$0.20 \$0.10 \$0.00	Op	erating Ex Passenge	-	Per	5.0 4.0 3.0 2.0 1.0 0.0	Passe	nger Trij Revenu		ehicle
\$7.00 \$6.00 \$5.00 \$4.00 \$3.00 \$2.00 \$1.00	Operating Expe		Vehicle	\$0.70 \$0.60 \$0.50 \$0.40 \$0.30 \$0.20 \$0.10	Op	-	-	Per	4.0 - 3.0 - 2.0 - 1.0 -	Passe 			ehicle
\$7.00 \$6.00 \$5.00 \$4.00 \$3.00 \$2.00 \$1.00	Operating Expe Revent	1989	1990	\$0.70 \$0.60 \$0.50 \$0.40 \$0.30 \$0.20 \$0.10	1987	Passenge	r Mile	1990	4.0 - 3.0 - 2.0 - 1.0 -	1987	Revent	1989	1990
\$7.00 \$6.00 \$5.00 \$4.00 \$3.00 \$2.00 \$1.00 \$0.00	Operating Expe Revent	ie Mile	1990	\$0.70 \$0.60 \$0.50 \$0.40 \$0.30 \$0.20 \$0.10	1987	Passenge 1988 erating Ex	r Mile	1990	4.0 - 3.0 - 2.0 - 1.0 -	1987	Revenu 1988 nger Trip	1989	1990
\$7.00 \$6.00 \$5.00 \$4.00 \$3.00 \$2.00 \$1.00 \$0.00 + Heavy F \$10.00 \$8.00	Operating Expe Revent	ie Mile	1990	\$0.70 \$0.60 \$0.50 \$0.40 \$0.30 \$0.20 \$0.10 \$0.00	1987	Passenge 1988 erating Ex	r Mile	1990	4.0 3.0 2.0 1.0 0.0	1987	Revenu 1988 nger Trip	1989	1990
\$7.00 \$6.00 \$5.00 \$4.00 \$3.00 \$2.00 \$1.00 \$0.00 + Heavy F \$10.00	Operating Expe Revent	ie Mile	1990	\$0.70 \$0.60 \$0.50 \$0.40 \$0.30 \$0.20 \$0.10 \$0.00	1987	Passenge 1988 erating Ex	r Mile	1990	4.0 3.0 2.0 1.0 0.0	1987	Revenu 1988 nger Trip	1989	1990
\$7.00 \$6.00 \$5.00 \$4.00 \$3.00 \$2.00 \$1.00 \$0.00 + Heavy F \$10.00 \$8.00	Operating Expe Revent	ie Mile	1990	\$0.70 \$0.60 \$0.50 \$0.40 \$0.30 \$0.20 \$0.10 \$0.00	1987	Passenge 1988 erating Ex	r Mile	1990	4.0 3.0 2.0 1.0 0.0	1987	Revenu 1988 nger Trip	1989	1990
\$7.00 \$6.00 \$5.00 \$4.00 \$3.00 \$2.00 \$1.00 \$0.00 Heavy F \$10.00 \$8.00 \$6.00	Operating Expe Revent	ie Mile	1990	\$0.70 \$0.60 \$0.50 \$0.40 \$0.30 \$0.20 \$0.10 \$0.00 \$0.00 \$0.00 \$0.00 \$0.40 \$0.30	1987	Passenge 1988 erating Ex	r Mile	1990	4.0 3.0 2.0 1.0 0.0 10.0 8.0 6.0	1987	Revenu 1988 nger Trip	1989	1990
\$7.00 \$6.00 \$5.00 \$4.00 \$3.00 \$2.00 \$1.00 \$0.00 \$0.00 \$1.00 \$0.00 \$0.00 \$0.00 \$0.00 \$10.00 \$8.00 \$8.00 \$6.00 \$4.00	Operating Expe Revent	ie Mile	1990	\$0.70 \$0.60 \$0.50 \$0.40 \$0.20 \$0.10 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.30 \$0.20	1987	Passenge 1988 erating Ex	r Mile	1990	4.0 3.0 2.0 1.0 0.0 10.0 8.0 6.0 4.0	1987	Revenu 1988 nger Trip	1989	1990

Source: 1990 Section 15 Annual Report

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Chicago RTA - Chicago Transit Authority (CTA)

P.O. Box 3555 Chicago, IL 60654 (312)664-7200

Square Miles

Service Area Statistics Square Miles Population

Service Consumption Annual Unlinked Trips

Service Supplied

Total Fleet

Motor Bus

Heavy Rail

Demand Response

Annual Passenger Miles

Average Weekday Unlinked Trips

Average Saturday Unlinked Trips

Average Sunday Unlinked Trips

Annual Vehicle Revenue Miles

Annual Vehicle Revenue Hours

Base Period Requirement

Vehicles Operated in Maximum Service

Vehicles Operated in Maximum Service

Directly

Operated

1,806

924

0

Population

Chief Executive Officer: Alfred H. Savage, **Executive Director**

Section 15 ID Number: 5066

Purchased Transportation Providers: Chicago RTA-CTA Contract Services Cook-DuPage Transportation Company, Inc. (5134)

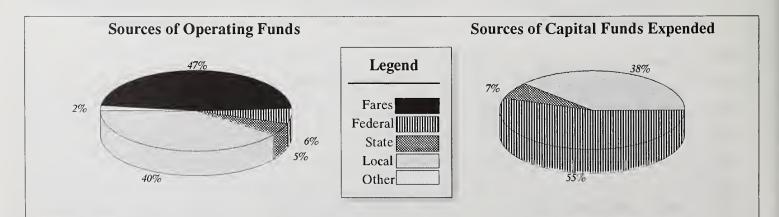
General Information (System Wide)

Urbanized Area (UZA) Statistics - 1990 Census

Population Ranking Out of 405 UZA's

Chicago, IL--Northwestern IN

ensus	Sources of Operating Funds		\$2.40.05 (55
1 505	Passenger Fares		\$342,876,677
1,585	Local Assistance		290,380,596
6,792,087	State Assistance		34,122,830
3	Federal Assistance		42,539,730
	Other Revenues	-	13,550,108
	Total Operating Funds	(1990)	\$723,469,941
356		(1989)	\$668,938,260
3,708,773		(1988)	\$652,894,457
	Summary of Operating Expenses		
587,847,111	Salaries/Wages/Benefits		\$552,594,985
2,003,897,855	Materials & Supplies		81,044,819
1,935,415	Purchased Transportation		13,793,971 *
1,082,755	Other Expenses		73,333,364
681,531	Total Operating Expenses	(1990)	\$720,767,139
		(1989)	\$670,030,926
		(1988)	\$657,717,753
133,761,350			
9,661,723	Sources of Capital Funds Expend	ed	
3,557	Local Assistance		\$39,157,277
2,915	State Assistance		7,070,929
1,530	UMTA Sec. 3 Discretionary	\$12,704,500	
	UMTA Sec. 9 Formula	29,574,271	
	UMTA Other Assistance	13,513,730	
Purchased	Other Federal Assistance	0	
Transportation	- Federal Assistance Total		55,792,501
0	Total Capital Funds Expended	(1990)	\$102,020,707
0		(1989)	\$48,035,628
185		(1988)	\$35,731,808



Chicag	o RTA Chicago	Transit Auth	ority (C	TA)								
Characteristics							M	otor Bus		Heavy Rail		Demand Response
Operatir	ng Expense						\$422,581	707	\$28	3,403,346		\$14,782,08
	Unlinked Trips						421,183			5,732,575		9 30,8 0
	Passenger Miles						977,146	-		9,255,336		7,496,25
		Tring							1,01			
	Weekday Unlinked						1,368		,	564,404		2,99
	Vehicle Revenue H						7,239			2,422,308		4 (57 00
	Vehicle Revenue M						72,521		50	6,581,556		4,657,80
	uideway Directiona	I Route Miles						6.7		191.0		0.
Fotal Fle								2,140		1,214		20
	Operated in Maxim	num Service					1	,806		924		18
	Base Ratio							1.8		2.5		N/2
Spare Ra	atio							18%		31%		10%
Perform	mance Measure	s										
	Efficiency											
	ng Expense/Vehicle							8.37		\$117.00		\$0.0
Operatir	ng Expense/Vehicle	e Revenue Mile					\$	5.83		\$5.01		\$3.1
Cost Eff	ectiveness											
Operatir	ng Expense/Unlink	ed Passenger Tr	ip				\$	51.00		\$1.71		\$15.8
-	ng Expense/Passeng	-	-				\$	50.43		\$0.28	;	\$1.9
Service I	Effectiveness											
	d Passenger Trips/	Vehicle Revenue	Hour					58.2		68.4		0.0
	d Passenger Trips/							5.8		2.9		0.1
	Operating Expen Revenue			Op	erating E Passeng	-	101		1 4550	nger Tri Revenu	-	enicie
\$6.00			\$0.50	T				7.0 T				
		0	Ψ0.50					6.0				
\$5.00			\$0.40							0		
\$4.00	+		¢0.20	0				5.0				
\$3.00			\$0.30	T				4.0				
			\$0.20	ļ				3.0				
\$2.00		defenden in de la service de l										
								2.0		······································		
\$1.00	+		\$0.10									
\$1.00 \$0.00			\$0.10 \$0.00		:		+	2.0 1.0 0.0		•	•	
	1987 1988	1989 1990		1987	1988	1989	1990	1.0	1987	1988	1989	
		1989 1990		1987	1988	1989	1990	1.0	1987	1988	1989	1990
\$0.00	Rail				1988 erating E			1.0		1988 nger Trip		
\$0.00		se Per Vehicle				Expense		1.0			os Per Ve	
\$0.00 Heavy	Rail Operating Expen	se Per Vehicle	\$0.00		erating E	Expense				nger Trip	os Per Ve	
\$0.00 Heavy \$6.00	Rail Operating Expen	se Per Vehicle	\$0.00		erating E	Expense		1.0		nger Trip	os Per Ve	
\$0.00 Heavy \$6.00 \$5.00	Rail Operating Expen	se Per Vehicle	\$0.00 \$0.30 \$0.25		erating E	Expense		1.0 0.0 3.5		nger Trip	os Per Ve	
\$0.00 Heavy \$6.00 \$5.00 \$4.00	Rail Operating Expen	se Per Vehicle	\$0.00 \$0.30 \$0.25 \$0.20		erating E	Expense		1.0 0.0 3.5 3.0		nger Trip	os Per Ve	
\$0.00 Heavy \$6.00 \$5.00	Rail Operating Expen	se Per Vehicle	\$0.00 \$0.30 \$0.25		erating E	Expense		1.0 0.0 3.5 3.0 2.5 2.0		nger Trip	os Per Ve	
\$0.00 Heavy \$6.00 \$5.00 \$4.00	Rail Operating Expen	se Per Vehicle	\$0.00 \$0.30 \$0.25 \$0.20		erating E	Expense		1.0 0.0 3.5 3.0 2.5		nger Trip	os Per Ve	

Source: 1990 Section 15 Annual Report

0.5 0.0

\$0.05

\$0.00

\$1.00

\$0.00

Chicago RTA Northeastern Illinois Regional Commuter Railroad Corporation (Metra)

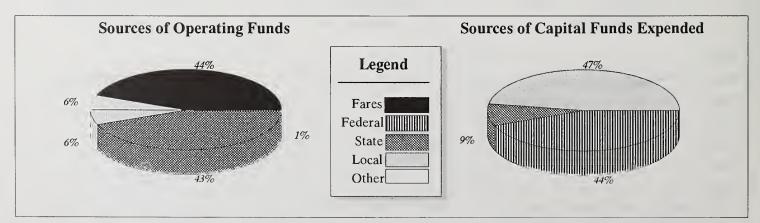
547 West Jackson Boulevard Chicago, IL 60661 (312)322-6425 Chief Executive Officer: Philip A. Pagano, Executive Director

Section 15 ID Number: 5118

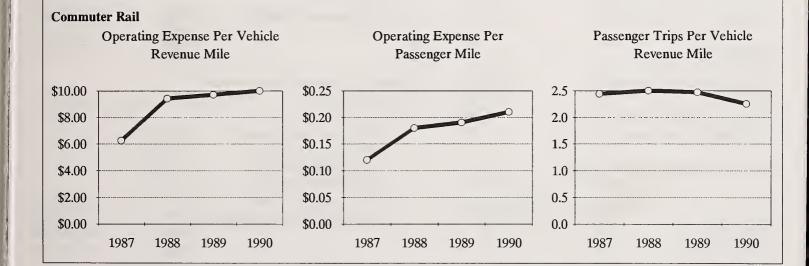
Purchased Transportation Providers: Chicago RTA-Metra Contract Services- Chicago & Northwestern Transportation Company (5121) Chicago RTA-Metra Contract Services- Burlington Northern Railroad Corporation (5122)

General Information (System Wide)

Urbanized Area (UZA) Statistics - 1990 C	Census	Sources of Operating Funds		
Chicago, ILNorthwestern IN		Passenger Fares		\$149,638,241
Square Miles	1,585	Local Assistance		20,688,750
Population	6,792,087	State Assistance		147,300,451
Population Ranking Out of 405 UZA's	3	Federal Assistance		4,824,865
		Other Revenues		21,020,248
Service Area Statistics		Total Operating Funds	(1990)	\$343,472,555
Square Miles	3,721		(1989)	\$335,989,161
Population	7,261,176		(1988)	\$316,561,572
Service Consumption		Summary of Operating Expenses		
Annual Unlinked Trips	64,058,422	Salaries/Wages/Benefits		\$107,950,196
Annual Passenger Miles	1,339,165,871	Materials & Supplies		13,731,639
Average Weekday Unlinked Trips	252,486	Purchased Transportation		139,798,565 *
Average Saturday Unlinked Trips	30,827	Other Expenses		23,721,048
Average Sunday Unlinked Trips	14,265	Total Operating Expenses	(1990)	\$285,201,448
			(1989)	\$268,563,221
Service Supplied			(1988)	\$252,394,681
Annual Vehicle Revenue Miles	28,510,395			
Annual Vehicle Revenue Hours	883,521	Sources of Capital Funds Expend	led	
Total Fleet	1,015	Local Assistance		\$66,172,878
Vehicles Operated in Maximum Service	935	State Assistance		13,090,863
Base Period Requirement	246	UMTA Sec. 3 Discretionary	\$21,078,594	
		UMTA Sec. 9 Formula	42,162,029	
Vehicles Operated in Maximum Service		UMTA Other Assistance	59,605	
Directly	Purchased	Other Federal Assistance	0	
Operated	Transportation	Federal Assistance Total		63,300,228
Commuter Rail 393	542	Total Capital Funds Expended	(1990)	\$142,563,969
			(1989)	\$92,266,415
			(1988)	\$58,888,495



Chicago RTA Northeastern Illinois Regional Commuter Railroad Co	
Characteristics	Commuter Rail
Operating Expense	\$285,201,448
Annual Unlinked Trips	64,058,422
Annual Passenger Miles	1,339,165,871
Average Weekday Unlinked Trips	252,486
Annual Vehicle Revenue Hours	883,521
Annual Vehicle Revenue Miles	28,510,395
Fixed Guideway Directional Route Miles	864.4
Total Fleet	1,015
Vehicles Operated in Maximum Service	935
Peak to Base Ratio	3.4
Spare Ratio	9%
Performance Measures	
Service Efficiency	
Operating Expense/Vehicle Revenue Hour	\$322.80
Operating Expense/Vehicle Revenue Mile	\$10.00
Cost Effectiveness	
Operating Expense/Unlinked Passenger Trip	\$4.45
Operating Expense/Passenger Mile	\$0.21
Service Effectiveness	
Unlinked Passenger Trips/Vehicle Revenue Hour Unlinked Passenger Trips/Vehicle Revenue Mile	72.5 2.3



Greater Cleveland Regional Transit Authority (RTA)

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

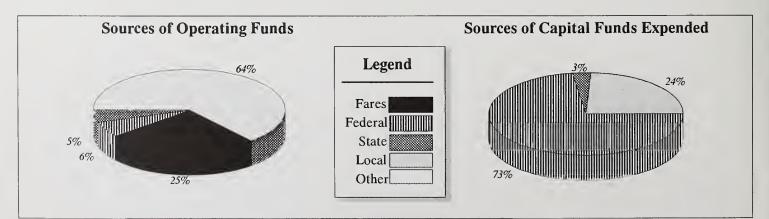
Chief Executive Officer: Ronald J. Tober, General Manager/Secretary Treasurer

Financial Information (System Wide)

Section 15 ID Number: 5015

General Information (System Wide)

Urbanized Area (UZA)	Statistics - 1990 (Census	Sources of Operating Funds		
Cleveland, OH			Passenger Fares		\$38,308,455
Square Miles		636	Local Assistance		0
Population		1,677,492	State Assistance		7,550,926
Population Ranking	Out of 405 UZA's	21	Federal Assistance		9,167,166
			Other Revenues		98,905,931
Service Area Statistics			Total Operating Funds	(1990)	\$153,932,478
Square Miles		687		(1989)	\$152,384,584
Population		1,688,676		(1988)	\$144,232,531
Service Consumption			Summary of Operating Expenses		
Annual Unlinked Trip	S	74,322,938	Salaries/Wages/Benefits		\$109,080,589
Annual Passenger Mil	es	290,175,840	Materials & Supplies		17,460,691
Average Weekday Un	linked Trips	227,251	Purchased Transportation		6,306,891
Average Saturday Unl	inked Trips	148,186	Other Expenses		15,076,950
Average Sunday Unlin	iked Trips	142,989	Total Operating Expenses	(1990)	\$147,925,121
				(1989)	\$133,647,353
Service Supplied				(1988)	\$132,386,493
Annual Vehicle Reven	ue Miles	26,593,663			
Annual Vehicle Reven	ue Hours	1,711,482	Sources of Capital Funds Expend	ed	
Total Fleet		967	Local Assistance		\$15,023,718
Vehicles Operated in I	Maximum Service	789	State Assistance		2,074,498
Base Period Requirem	nent	390	UMTA Sec. 3 Discretionary	\$18,068,422	
			UMTA Sec. 9 Formula	512,292	
Vehicles Operated in M	aximum Service		UMTA Other Assistance	27,634,833	
	Directly	Purchased	Other Federal Assistance	0	
	Operated	Transportation	Federal Assistance Total		46,215,547
Motor Bus	589	57	Total Capital Funds Expended	(1990)	\$63,313,763
Heavy Rail	38	0		(1989)	\$40,617,671
Demand Response	47	28		(1988)	\$19,677,132
Light Rail	30	0			



Greate		-		t Autiloi	iny (KI				0017		Licht		Deman
Characteristics					Moto Bu			eavy Rail		Light Rail		Respons	
Ineratin	ng Expense				\$1	12,484,88	7	\$19,472	371	\$10),876,902		\$5,090,90
	Unlinked Trip	ns				60,835,74		7,596			5,498,316		392,70
	Passenger Mil					96,817,88		57,513			1,063,000		1,781,59
	Weekday Un		S			180,69		-	,389		18,786		1,3
	Vehicle Rever					1,477,95	4	72	,602		44,365		116,5
	Vehicle Rever					22,679,65	4	1,828		1	,036,887		1,048,8
	uideway Direc	ctional Rou	te Miles			0.			38.2		26.7		(
otal Fle						76			60		48		
	Operated in	Maximum	Service			64			38		30		
	Base Ratio					2. 189			3.0 58%		4.0 60%		27
pare Ra	allo					18%	0		00%0		00%		21
erforr	mance Mea	sures											
	Efficiency												
	ng Expense/V					\$76.1			8.21		\$245.17		\$43.
peratin	ng Expense/V	ehicle Rev	enue Mile			\$4.9	6	\$1	0.65		\$10.49		\$4.
	ectiveness												
-	ng Expense/U		-	ip		\$1.8			2.56		\$1.98		\$12.
peratin	ng Expense/P	assenger M	lile			\$0.5	7	\$	0.34		\$0.32		\$2
ervice F	Effectiveness												
	d Passenger T	rips/Vehic	le Revenue	e Hour		41.	2	1	04.6		123.9		
	1	. / / 1 / 1 ' -	le Revenue	e Mile		2.	7		4.2		5.3		(
	Operating I	Expense Pe	r Vehicle		Ор	erating E	-	Per		Passe	nger Trip		ehicle
Motor	Bus Operating I		r Vehicle		Ор	erating E Passenge	-	Per		Passe	nger Trip Revenu		ehicle
	Bus Operating I	Expense Pe	r Vehicle	\$0.60	Op	-	-	Per	3.5	Passe			ehicle
Motor	Bus Operating I	Expense Pe	r Vehicle		Op	-	-	Per	3.0	Passe			ehicle
Motor \$5.00 \$4.00	Bus Operating I	Expense Pe	r Vehicle	\$0.60	Op	-	-	Per	3.0 - 2.5 -	Passe			ehicle
Motor \$5.00 \$4.00 \$3.00	Bus Operating I	Expense Pe	r Vehicle	\$0.60 \$0.50	Op	-	-	Per	3.0 - 2.5 - 2.0 -	Passe			ehicle
Motor \$5.00 \$4.00	Bus Operating I	Expense Pe	r Vehicle	\$0.60 \$0.50 \$0.40 \$0.30	Ор	-	-	Per	3.0 2.5 2.0 1.5	Passe			ehicle
Motor \$5.00 \$4.00 \$3.00 \$2.00	Bus Operating I	Expense Pe	r Vehicle	\$0.60 \$0.50 \$0.40 \$0.30 \$0.20	Op	-	-	Per	3.0 - 2.5 - 2.0 - 1.5 - 1.0 -	Passe			ehicle
Motor \$5.00 \$4.00 \$3.00 \$2.00 \$1.00	Bus Operating I	Expense Pe	r Vehicle	\$0.60 \$0.50 \$0.40 \$0.30 \$0.20 \$0.10	Op	-	-	Per	3.0 - 2.5 - 2.0 - 1.5 - 1.0 - 0.5 -	Passe			ehicle
Motor \$5.00 \$4.00 \$3.00 \$2.00	Bus Operating I	Expense Pe venue Mile	r Vehicle	\$0.60 \$0.50 \$0.40 \$0.30 \$0.20	Op	-	-	Per	3.0 - 2.5 - 2.0 - 1.5 - 1.0 -	Passe:			ehicle
Motor \$5.00 \$4.00 \$3.00 \$2.00 \$1.00	Bus Operating I Re 1987 19 Rail Operating	Expense Pe venue Mile 88 1989	r Vehicle	\$0.60 \$0.50 \$0.40 \$0.30 \$0.20 \$0.10	1987	Passenge	er Mile	1990	3.0 - 2.5 - 2.0 - 1.5 - 1.0 - 0.5 -	1987	Revenu	1989 s Per Ve	1990
Motor \$5.00 \$4.00 \$3.00 \$2.00 \$1.00 \$0.00 Heavy	Bus Operating I Re 1987 19 Rail Operating Re	Expense Pe venue Mile 88 1989 Expense Pe	r Vehicle	\$0.60 \$0.50 \$0.40 \$0.30 \$0.20 \$0.10 \$0.00	1987	Passenge 1988 erating E	er Mile	1990	3.0 - 2.5 - 2.0 - 1.5 - 1.0 - 0.5 - 0.0 -	1987	Revenu 1988	1989 s Per Ve	1990
Motor \$5.00 \$4.00 \$3.00 \$2.00 \$1.00 \$0.00 Heavy \$12.00	Bus Operating I Re 1987 19 Rail Operating Ro	Expense Pe venue Mile 88 1989 Expense Pe	r Vehicle	\$0.60 \$0.50 \$0.40 \$0.30 \$0.20 \$0.10 \$0.00	1987	Passenge 1988 erating E	er Mile	1990	3.0 - 2.5 - 2.0 - 1.5 - 1.0 - 0.5 -	1987	Revenu 1988	1989 s Per Ve	1990
Motor \$5.00 \$4.00 \$3.00 \$2.00 \$1.00 \$0.00 Heavy	Bus Operating I Re 1987 19 Rail Operating Ro	Expense Pe venue Mile 88 1989 Expense Pe	r Vehicle	\$0.60 \$0.50 \$0.40 \$0.30 \$0.20 \$0.10 \$0.00	1987	Passenge 1988 erating E	er Mile	1990	3.0 - 2.5 - 2.0 - 1.5 - 1.0 - 0.5 - 0.0 -	1987	Revenu 1988	1989 s Per Ve	1990
Motor \$5.00 \$4.00 \$3.00 \$2.00 \$1.00 \$0.00 Heavy \$12.00	Bus Operating I Re 1987 19 Rail Operating Ro	Expense Pe venue Mile 88 1989 Expense Pe	r Vehicle	\$0.60 \$0.50 \$0.40 \$0.30 \$0.20 \$0.10 \$0.00	1987	Passenge 1988 erating E	er Mile	1990	3.0 - 2.5 - 2.0 - 1.5 - 1.0 - 0.5 - 0.0 -	1987	Revenu 1988	1989 s Per Ve	1990
Motor \$5.00 \$4.00 \$3.00 \$2.00 \$1.00 \$0.00 Heavy \$12.00 \$10.00	Bus Operating I Re 1987 19 Rail Operating Re	Expense Pe venue Mile 88 1989 Expense Pe	r Vehicle	\$0.60 \$0.50 \$0.40 \$0.30 \$0.20 \$0.10 \$0.00	1987	Passenge 1988 erating E	er Mile	1990	3.0 - 2.5 - 2.0 - 1.5 - 1.0 - 0.5 - 0.0 -	1987	Revenu 1988	1989 s Per Ve	1990
Motor \$5.00 \$4.00 \$2.00 \$1.00 \$0.00 Heavy \$12.00 \$10.00 \$8.00 \$6.00	Bus Operating I Rei 1987 19 Rail Operating Rei	Expense Pe venue Mile 88 1989 Expense Pe	r Vehicle	\$0.60 \$0.50 \$0.40 \$0.20 \$0.10 \$0.00 \$0.00 \$0.60 \$0.60 \$0.50 \$0.40 \$0.30	1987	Passenge 1988 erating E	er Mile	1990	3.0 - 2.5 - 2.0 - 1.5 - 1.0 - 0.5 - 0.0 -	1987	Revenu 1988	1989 s Per Ve	1990
Motor \$5.00 \$4.00 \$3.00 \$1.00 \$0.00 \$0.00 \$10.00 \$10.00 \$8.00 \$8.00 \$4.00	Bus Operating I Rei 1987 19 Rail Operating Rei	Expense Pe venue Mile 88 1989 Expense Pe	r Vehicle	\$0.60 \$0.50 \$0.40 \$0.20 \$0.10 \$0.00 \$0.00 \$0.60 \$0.50 \$0.40 \$0.30 \$0.20	1987	Passenge 1988 erating E	er Mile	1990	3.0 - 2.5 - 2.0 - 1.5 - 1.0 - 0.5 - 0.0 - 5.0 - 4.0 - 3.0 - 2.0 -	1987	Revenu 1988	1989 s Per Ve	1990
Motor \$5.00 \$4.00 \$3.00 \$2.00 \$1.00 \$0.00 \$0.00 \$10.00 \$10.00 \$8.00 \$6.00	Bus Operating I Rei 1987 19 Rail Operating Ro	Expense Pe venue Mile 88 1989 Expense Pe	r Vehicle	\$0.60 \$0.50 \$0.40 \$0.20 \$0.10 \$0.00 \$0.00 \$0.60 \$0.60 \$0.50 \$0.40 \$0.30	1987	Passenge 1988 erating E	er Mile	1990	3.0 - 2.5 - 2.0 - 1.5 - 1.0 - 0.5 - 0.0 - 5.0 - 4.0 - 3.0 -	1987	Revenu 1988	1989 s Per Ve	1990

Source: 1990 Section 15 Annual Report

Dallas Area Rapid Transit Authority (DART)

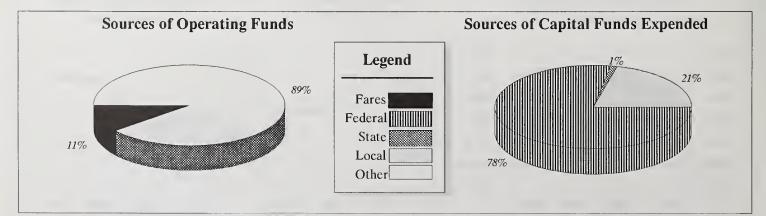
601 Pacific Avenue Dallas, TX 75202 (214)658-6254 Chief Executive Officer: Charles S. Anderson, Executive Director

Section 15 ID Number: 6056

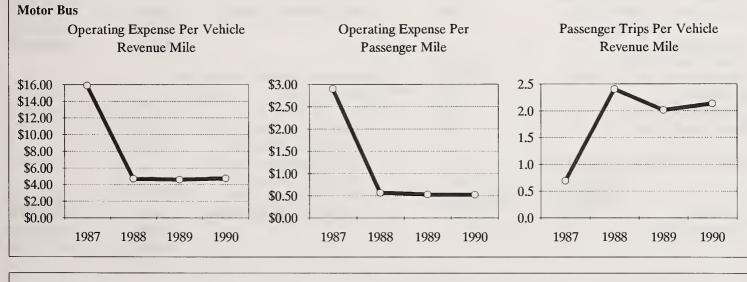
Purchased Transportation Providers: Dallas-DART Contract Services- Trailways Commuter Transit, Inc. (6057)

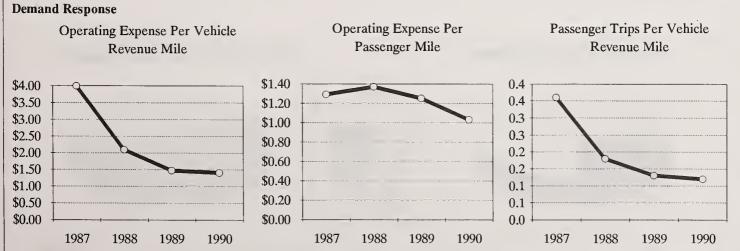
General Information (System Wide)

Urbanized Area (UZA) Statistics - 1990 (Census	Sources of Operating Funds		
DallasFort Worth, TX		Passenger Fares		\$27,401,554
Square Miles	1,443	Local Assistance		0
Population	3,198,259	State Assistance		0
Population Ranking Out of 405 UZA's	8	Federal Assistance		0
		Other Revenues		224,830,164
Service Area Statistics		Total Operating Funds	(1990)	\$252,231,718
Square Miles	695		(1989)	\$237,631,107
Population	1,708,617		(1988)	\$215,543,103
Service Consumption		Summary of Operating Expenses		
Annual Unlinked Trips	51,009,514	Salaries/Wages/Benefits		\$67,914,932
Annual Passenger Miles	223,904,092	Materials & Supplies		11,182,589
Average Weekday Unlinked Trips	180,714	Purchased Transportation		33,850,588 *
Average Saturday Unlinked Trips	67,088	Other Expenses		8,587,426
Average Sunday Unlinked Trips	27,445	Total Operating Expenses	(1990)	\$121,535,535
			(1989)	\$116,179,464
Service Supplied			(1988)	\$116,455,579
Annual Vehicle Revenue Miles	30,559,144			
Annual Vehicle Revenue Hours	1,975,966	Sources of Capital Funds Expend	ed	
Total Fleet	1,427	Local Assistance		\$3,255,308
Vehicles Operated in Maximum Service	933	State Assistance		166,688
Base Period Requirement	440	UMTA Sec. 3 Discretionary	\$3,630,129	
1		UMTA Sec. 9 Formula	8,847,823	
Vehicles Operated in Maximum Service		UMTA Other Assistance	0	
Directly	Purchased	Other Federal Assistance	0	
Operated	Transportation	Federal Assistance Total		12,477,952
Motor Bus 517	213	Total Capital Funds Expended	(1990)	\$15,899,948
Demand Response 0	203		(1989)	\$9,220,606
r Frank C			(1988)	\$13,463,743
				. , ,



Dallas Area Rapid Transit Authority (DART)		
	Motor	Demand
Characteristics	Bus	Response
Operating Expense	\$111,754,043	\$9,781,492
Annual Unlinked Trips	50,134,558	874,956
Annual Passenger Miles	214,429,502	9,474,590
Average Weekday Unlinked Trips	177,759	2,955
Annual Vehicle Revenue Hours	1,588,961	387,005
Annual Vehicle Revenue Miles	23,552,171	7,006,973
Fixed Guideway Directional Route Miles	9.6	0.0
Total Fleet	887	540
Vehicles Operated in Maximum Service	730	203
Peak to Base Ratio	2.9	1.8
Spare Ratio	22%	166%
Performance Measures		
Service Efficiency		
Operating Expense/Vehicle Revenue Hour	\$70.33	\$25.27
Operating Expense/Vehicle Revenue Mile	\$4.74	\$1.40
Cost Effectiveness		
Operating Expense/Unlinked Passenger Trip	\$2.23	\$11.18
Operating Expense/Passenger Mile	\$0.52	\$1.03
Service Effectiveness		
Unlinked Passenger Trips/Vehicle Revenue Hour	31.6	2.3
	2.1	0.1
Unlinked Passenger Trips/Vehicle Revenue Mile	2.1	0.1





Source: 1990 Section 15 Annual Report

Denver Regional Transportation District (RTD)

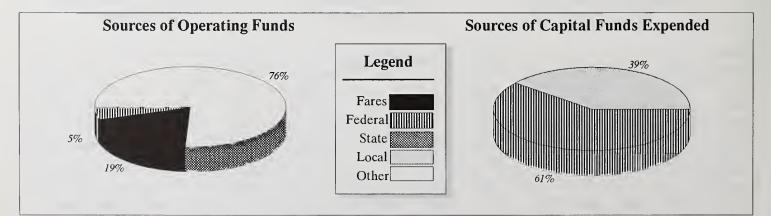
1600 Blake Street Denver, CO 80202 (303)299-6832 Chief Executive Officer: Peter M. Cipolla, General Manager

Section 15 ID Number: 8006

Purchased Transportation Providers: Denver-RTD Contract Services- Mayflower (8017)

General Information (System Wide)

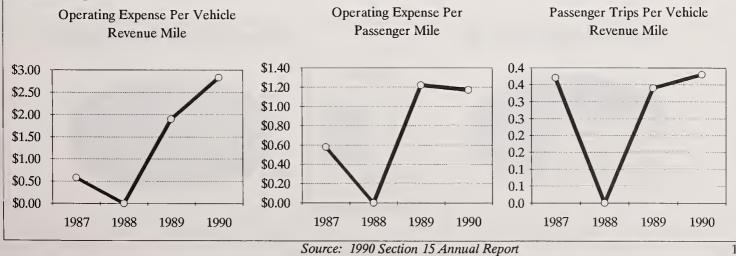
Urbanized Area (UZA) Statistics - 1990	Census	Sources of Operating Funds		
Denver, CO		Passenger Fares		\$26,948,214
Square Miles	459	Local Assistance		0
Population	1,517,977	State Assistance		0
Population Ranking Out of 405 UZA's	22	Federal Assistance		7,462,195
		Other Revenues		110,766,100
Service Area Statistics		Total Operating Funds	(1990)	\$145,176,509
Square Miles	2,304		(1989)	\$130,064,517
Population	1,789,672		(1988)	\$114,720,614
Service Consumption		Summary of Operating Expenses		
Annual Unlinked Trips	55,483,376	Salaries/Wages/Benefits		\$71,861,819
Annual Passenger Miles	228,043,328	Materials & Supplies		13,887,405
Average Weekday Unlinked Trips	183,984	Purchased Transportation		13,865,406 *
Average Saturday Unlinked Trips	89,341	Other Expenses		12,089,334
Average Sunday Unlinked Trips	54,896	Total Operating Expenses	(1990)	\$111,703,964
			(1989)	\$102,335,671
Service Supplied			(1988)	\$98,548,961
Annual Vehicle Revenue Miles	24,395,030			
Annual Vehicle Revenue Hours	1,621,376	Sources of Capital Funds Expended	ed	
Total Fleet	772	Local Assistance		\$10,688,827
Vehicles Operated in Maximum Service	654	State Assistance		0
Base Period Requirement	342	UMTA Sec. 3 Discretionary	\$9,865,796	
		UMTA Sec. 9 Formula	6,974,815	
Vehicles Operated in Maximum Service		UMTA Other Assistance	0	
Directly	Purchased	Other Federal Assistance	0	
Operated	Transportation	Federal Assistance Total		16,840,611
Motor Bus 502	124	Total Capital Funds Expended	(1990)	\$27,529,438
Demand Response 4	24		(1989)	\$25,673,037
Demand Response 4	21		(1)0))	φ=0,070,007



Denver Regional Transportation District (RTD			
Characteristics	Motor Bus	Demand Response	
		-	
Operating Expense	\$110,158,417	\$1,545,547	
Annual Unlinked Trips	55,274,884	208,492	
Annual Passenger Miles	226,725,553	1,317,775	
Average Weekday Unlinked Trips	183,253	731	
Annual Vehicle Revenue Hours	1,573,399	47,977	
Annual Vehicle Revenue Miles	23,849,737	545,293	
Fixed Guideway Directional Route Miles	12.9	0.0	
Total Fleet	739	33	
Vehicles Operated in Maximum Service	626	28	
Peak to Base Ratio	2.0	N/A	
Spare Ratio	18%	18%	
Performance Measures			
Service Efficiency			
Operating Expense/Vehicle Revenue Hour	\$70.01	\$32.21	
Operating Expense/Vehicle Revenue Mile	\$4.62	\$2.83	
Cost Effectiveness			
Operating Expense/Unlinked Passenger Trip	\$1.99	\$7.41	
Operating Expense/Passenger Mile	\$0.49	\$1.17	
Service Effectiveness			
Unlinked Passenger Trips/Vehicle Revenue Hour	35.1	4.4	
Unlinked Passenger Trips/Vehicle Revenue Mile	2.3	0.4	
Mad an Dar			
Motor Bus Operating Expense Per Vehicle	Operating Expense Per	Passenger Trips Per V	ehicle
Revenue Mile	Passenger Mile	Revenue Mile	



Demand Response



City of Detroit Department of Transportation (D-DOT)

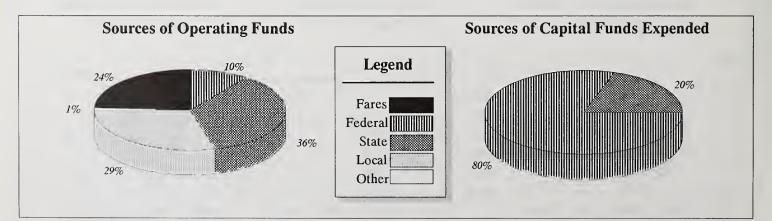
1301 E. Warren Detroit, MI 48207 (313)833-7365 Chief Executive Officer: Robert C. Polk, Director

Financial Information (System Wide)

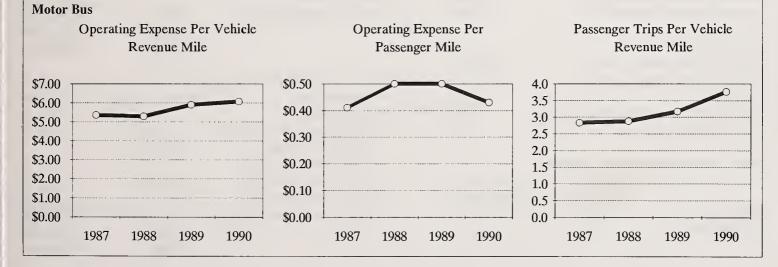
Section 15 ID Number: 5119

General Information (System Wide)

Urbanized Area (UZA) Statistics - 1990	Census	Sources of Operating Funds		
Detroit, MI		Passenger Fares		\$31,589,310
Square Miles	1,120	Local Assistance		38,985,578
Population	3,697,529	State Assistance		46,818,278
Population Ranking Out of 405 UZA's	5	Federal Assistance		13,043,425
		Other Revenues		692,682
Service Area Statistics		Total Operating Funds	(1990)	\$131,129,273
Square Miles	361		(1989)	\$128,793,779
Population	2,035,540		(1988)	\$111,440,291
Service Consumption		Summary of Operating Expenses		
Annual Unlinked Trips	83,653,204	Salaries/Wages/Benefits		\$91,700,975
Annual Passenger Miles	317,195,080	Materials & Supplies		16,850,088
Average Weekday Unlinked Trips	285,420	Purchased Transportation		0
Average Saturday Unlinked Trips	128,201	Other Expenses		26,511,462
Average Sunday Unlinked Trips	72,494	Total Operating Expenses	(1990)	\$135,062,525
			(1989)	\$132,258,398
Service Supplied			(1988)	\$119,205,231
Annual Vehicle Revenue Miles	22,240,879			
Annual Vehicle Revenue Hours	1,818,543	Sources of Capital Funds Expende	ed	
Total Fleet	574	Local Assistance		\$0
Vehicles Operated in Maximum Service	477	State Assistance		4,221,790
Base Period Requirement	268	UMTA Sec. 3 Discretionary	\$0	
		UMTA Sec. 9 Formula	16,733,374	
Vehicles Operated in Maximum Service		UMTA Other Assistance	0	
Directly	Purchased	Other Federal Assistance	0	
Operated	Transportation	Federal Assistance Total		16,733,374
Motor Bus 477	0	Total Capital Funds Expended	(1990)	\$20,955,164
			(1989)	\$363,967
			(1988)	\$945,192



City of Defroit Department of Transportation (D-DOT)	Motor	
Characteristics	Bus	
Operating Expense	\$135,062,525	
Annual Unlinked Trips	83,653,204	
Annual Passenger Miles	317,195,080	
Average Weekday Unlinked Trips	285,420	
Annual Vehicle Revenue Hours	1,818,543	
Annual Vehicle Revenue Miles	22,240,879	
Fixed Guideway Directional Route Miles	0.0	
Total Fleet	574	
Vehicles Operated in Maximum Service	477	
Peak to Base Ratio	1.8	
Spare Ratio	20%	
Performance Measures		
Service Efficiency		
Operating Expense/Vehicle Revenue Hour	\$74.27	
Operating Expense/Vehicle Revenue Mile	\$6.07	
Cost Effectiveness		
Operating Expense/Unlinked Passenger Trip	\$1.61	
Operating Expense/Passenger Mile	\$0.43	
Service Effectiveness		
Unlinked Passenger Trips/Vehicle Revenue Hour	46.0	
Unlinked Passenger Trips/Vehicle Revenue Mile	3.8	



City and County of Honolulu Department of Transportation Services (HDOT)

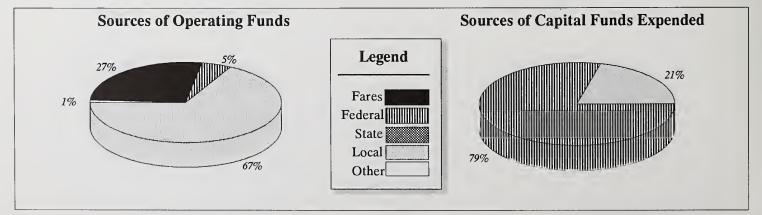
650 South King Street, Third Floor Honolulu, HI 96813 (808)523-4138 Chief Executive Officer: Joseph M. Magaldi, Director, Department of Transportation Services

Section 15 ID Number: 9002

Purchased Transportation Providers: Honolulu-HDOT Contract Services- Robert's Hawaii Leasing, Inc. (9133)

General Information (System Wide)

Urbanized Area (UZA) Statistics - 1990 (Census	Sources of Operating Funds		
Honolulu, HI		Passenger Fares		\$24,313,963
Square Miles	139	Local Assistance		60,617,180
Population	632,603	State Assistance		0
Population Ranking Out of 405 UZA's	46	Federal Assistance		4,714,893
Other UZA's Served:	200	Other Revenues		1,134,616
Service Area Statistics		Total Operating Funds	(1990)	\$90,780,652
Square Miles	596		(1989)	\$5,225,318
Population	841,600		(1988)	\$70,375,445
Service Consumption		Summary of Operating Expenses		
Annual Unlinked Trips	74,096,712	Salaries/Wages/Benefits		\$51,986,782
Annual Passenger Miles	344,303,462	Materials & Supplies		9,846,885
Average Weekday Unlinked Trips	232,985	Purchased Transportation		5,458,049 *
Average Saturday Unlinked Trips	169,426	Other Expenses		13,544,599
Average Sunday Unlinked Trips	110,421	Total Operating Expenses	(1990)	\$80,836,315
			(1989)	\$69,841,854
Service Supplied			(1988)	\$67,294,894
Annual Vehicle Revenue Miles	17,760,423			
Annual Vehicle Revenue Hours	1,289,721	Sources of Capital Funds Expende	ed	
Total Fleet	557	Local Assistance		\$2,962,043
Vehicles Operated in Maximum Service	475	State Assistance		0
Base Period Requirement	265	UMTA Sec. 3 Discretionary	\$14,556	
		UMTA Sec. 9 Formula	11,402,001	
Vehicles Operated in Maximum Service		UMTA Other Assistance	0	
Directly	Purchased	Other Federal Assistance	52,303	
Operated	Transportation	Federal Assistance Total		11,468,860
Motor Bus 408	0	Total Capital Funds Expended	(1990)	\$14,430,903
Demand Response 0	67		(1989)	\$13,408,053
			(1988)	\$22,900,014



Charact		morara Dope	in thicht u	i iians	portati	on ser	vices (H					
	teristics						M	lotor Bus		Demand Response		
maratina	g Expense						\$75,25	2 102		5,583,117		
	nlinked Trips						73,51		φ.	583,303		
	assenger Miles						336,42		-	7,874,590		
	Weekday Unlinke	d Trips						0,693		2,292		
	ehicle Revenue H							6,066		213,655		
nnual V	ehicle Revenue M	files					15,110		2	2,649,652		
ixed Gui	deway Directiona	d Route Miles						21.3		0.0		
otal Flee								472		85		
	Operated in Maxim	mum Service						408		67		
	ase Ratio							2.0		N/A		
pare Rat	io							16%		27%		
erform	ance Measure	s										
ervice Ef	fficiency gExpense/Vehicle	e Revenue Hou	r				\$	69.93		\$26.13		
	Expense/Vehicle							\$4.98		\$2.11		
-	c tivene ss g Expense/Unlink	ed Passenger T	rip					\$1.02		\$9.57		
	Expense/Passen		- ' P'					\$0.22		\$0.71		
	ffectiveness	Vahiela Dava	ua Uour					68.3		2.7		
	Passenger Trips/ Passenger Trips/							08.3 4.9		0.2		
\$4.00 \$3.00 \$2.00 \$1.00 \$0.00	1987 1988	1989 1990	\$0.20 \$0.15 \$0.10 \$0.05 \$0.00	1987	1988	1989	1990	4.0 3.0 2.0 1.0 0.0	1987	1988	1989	,
Demand	l Response	a Dan Vahiala		On	erating F	Typense	Per		Passet	uger Trin	s Per Ve	hicle
Demand	I Response Operating Expen Revenue			Op	erating I Passeng	Expense l ger Mile	Per		Passer	nger Trip Revenue		hicle
Demand \$2.50	Operating Expen		\$1.00	Op	-	-	Per	0.4	Passer			hicle
	Operating Expen		\$1.00	Op	-	-	Per	0.4	Passer			hicle
\$2.50 \$2.00	Operating Expen		\$0.80	Op	-	-	Per	0.4 0.3	Passer			hicle
\$2.50 \$2.00 \$1.50	Operating Expen		\$0.80 \$0.60	Op	-	-	Per	0.4	Passer			ehicle
\$2.50 \$2.00	Operating Expen		\$0.80	Op	-	-	Per	0.4 0.3 0.3	Passer			ehicle
\$2.50 \$2.00 \$1.50 \$1.00	Operating Expen		\$0.80 \$0.60 \$0.40	Op	-	-	Per	0.4 0.3 0.2 0.2 0.1	Passer			ehicle
\$2.50 \$2.00 \$1.50	Operating Expen		\$0.80 \$0.60	Op	-	-	Per	0.4 0.3 0.3 0.2 0.2	Passer			chicle

Source: 1990 Section 15 Annual Report

Houston Metropolitan Transit Authority Harris County (Metro)

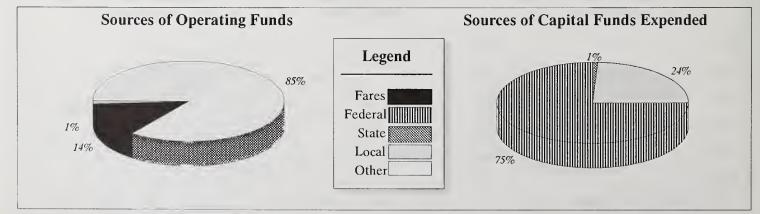
P.O. Box 61429 (1201 Louisiana) Houston, TX 77208 (713)739-6925 Chief Executive Officer: Robert G. MacLennan, General Manager

Section 15 ID Number: 6008

Purchased Transportation Providers: Houston-Metro Contract Services- ATC Management Corporation, Inc. (6071), Houston-Metro Contract Services- GLK, Inc. (6061)

General Information (System Wide)

Urbanized Area (UZA)	Statistics - 1990 (Census	Sources of Operating Funds		
Houston, TX			Passenger Fares		\$40,204,410
Square Miles		1,178	Local Assistance		3,407,152
Population		2,901,851	State Assistance		0
Population Ranking	Out of 405 UZA's	9	Federal Assistance		260,733
			Other Revenues		248,829,302
Service Area Statistics			Total Operating Funds	(1990)	\$292,701,597
Square Miles		1,275		(1989)	\$80,704,599
Population		2,403,000		(1988)	\$83,786,914
Service Consumption			Summary of Operating Expenses		
Annual Unlinked Trip	0S	90,654,525	Salaries/Wages/Benefits		\$113,399,502
Annual Passenger Mil	es	462,417,189	Materials & Supplies		18,118,189
Average Weekday Un	linked Trips	305,381	Purchased Transportation		9,644,981 *
Average Saturday Unl	inked Trips	166,288	Other Expenses		1,408,490
Average Sunday Unlir	nked Trips	82,202	Total Operating Expenses	(1990)	\$142,571,162
				(1989)	\$135,429,934
Service Supplied				(1988)	\$134,148,779
Annual Vehicle Rever	nue Miles	35,855,688			
Annual Vehicle Rever	nue Hours	2,447,144	Sources of Capital Funds Expend	led	
Total Fleet		1,677	Local Assistance		\$11,449,418
Vehicles Operated in	Maximum Service	1,078	State Assistance		327,600
Base Period Requiren	nent	583	UMTA Sec. 3 Discretionary	\$16,513,044	
			UMTA Sec. 9 Formula	19,534,370	
Vehicles Operated in M	aximum Service		UMTA Other Assistance	189,661	
	Directly	Purchased	Other Federal Assistance	0	
	Operated	Transportation	Federal Assistance Total		36,237,075
Motor Bus	793	92	Total Capital Funds Expended	(1990)	\$48,014,093
Demand Response	64	129		(1989)	\$33,518,970
				(1988)	\$45,471,700



Houston Metropolitan Transit Authority Harris County (Metro)

Iousto	n Metropolitan Transit A	Authority Ha	arris Co	ounty (Metro)		lotor		Demand		
Charac	teristics					141	Bus	I	Response		
Operating Expense				\$136,399	9.249	\$	6,171,913				
	Julinked Trips					90,11			537,172		
	assenger Miles					456,799		:	5,617,606		
	Weekday Unlinked Trips						2,745		2,636		
nnual V	/ehicle Revenue Hours					2,160	6,283		280,861		
Annual Vehicle Revenue Miles Fixed Guideway Directional Route Miles Fotal Fleet						31,050	0,100	4	4,805,588		
		les					97.0		0.0		
						-	1,015		662		
	Operated in Maximum Service	е					885		193		
Peak to Base Ratio							2.6		N/A		
pare Ra	.[10						15%		243%		
erform	nance Measures										
ervice E	fficiency										
	g Expense/Vehicle Revenue H					\$6	62.96		\$21.97		
perating	g Expense/Vehicle Revenue N	Mile				9	\$4.39		\$1.28		
ost Effe	ctiveness										
	g Expense/Unlinked Passenge	er Trip				5	\$1.51		\$11.49		
perating	g Expense/Passenger Mile					9	\$0.30		\$1.10		
ervice E	ffectiveness										
	Passenger Trips/Vehicle Rev	venue Hour					41.6		1.9		
	Passenger Trips/Vehicle Rev						2.9		0.1		
	Bus Operating Expense Per Vehi Revenue Mile	icle	Ope	-	Expense ger Mile	Per		Passe	enger Trij Revent	-	ehicl
Motor 1	Operating Expense Per Vehi	\$0.40	Op	-	-	Per	3.0	Passe		-	ehicl
Motor 1	Operating Expense Per Vehi		Op	-	-	Per	2.5	Passe		-	ehicl
Motor 1 \$5.00 \$4.00	Operating Expense Per Vehi	\$0.40	Op	-	-	Per		Passe		-	ehicl
Motor 1 \$5.00 \$4.00 \$3.00	Operating Expense Per Vehi	\$0.40 \$0.35 \$0.30	Op	-	-	Per	2.5	Passe		-	ehicl
Motor 1 \$5.00 \$4.00 \$3.00	Operating Expense Per Vehi	\$0.40 \$0.35 \$0.30 \$0.25 \$0.20 \$0.15	Op	-	-	Per	2.5 2.0 1.5	Passe		-	ehicl
Motor 1 \$5.00 - \$4.00 - \$3.00 - \$2.00 -	Operating Expense Per Vehi	\$0.40 \$0.35 \$0.30 \$0.25 \$0.20 \$0.15 \$0.10	Op	-	-	Per	2.5 - 2.0 - 1.5 - 1.0 -	Passe		-	
Motor 1 \$5.00 - \$4.00 - \$3.00 - \$2.00 - \$1.00 -	Operating Expense Per Vehi	\$0.40 \$0.35 \$0.30 \$0.25 \$0.20 \$0.15 \$0.10 \$0.05	Op	-	-	Per	2.5 - 2.0 - 1.5 - 1.0 - 0.5 -	Passe		-	
Motor 1 \$5.00 - \$4.00 - \$3.00 - \$2.00 - \$1.00 -	Operating Expense Per Vehi Revenue Mile	\$0.40 \$0.35 \$0.30 \$0.25 \$0.20 \$0.15 \$0.10 \$0.05 \$0.00		Passeng	ger Mile		2.5 - 2.0 - 1.5 - 1.0 -		Revent	ie Mile	
Motor 1 \$5.00 - \$4.00 - \$3.00 - \$2.00 - \$1.00 -	Operating Expense Per Vehi	\$0.40 \$0.35 \$0.30 \$0.25 \$0.20 \$0.15 \$0.10 \$0.05 \$0.00	Opt 	-	-	Per	2.5 - 2.0 - 1.5 - 1.0 - 0.5 -	Passe		-	+
Motor 1 \$5.00 \$4.00 \$3.00 \$2.00 \$1.00 \$0.00	Operating Expense Per Vehi Revenue Mile	\$0.40 \$0.35 \$0.30 \$0.25 \$0.20 \$0.15 \$0.10 \$0.05 \$0.00	1987	Passeng	1989	1990	2.5 - 2.0 - 1.5 - 1.0 - 0.5 -	1987	Revent	1989	19
Motor 1 \$5.00 \$4.00 \$3.00 \$2.00 \$1.00 \$0.00	Operating Expense Per Vehi Revenue Mile 1987 1988 1989 199 d Response Operating Expense Per Veh	\$0.40 \$0.35 \$0.30 \$0.25 \$0.20 \$0.15 \$0.10 \$0.05 \$0.00	1987	Passeng 1988 erating I	1989 Expense	1990	2.5 - 2.0 - 1.5 - 1.0 - 0.5 -	1987	Revent 1988	1989 os Per Ve	19
Motor 1 \$5.00 \$4.00 \$3.00 \$2.00 \$1.00 \$0.00	Operating Expense Per Vehi Revenue Mile	\$0.40 \$0.35 \$0.30 \$0.25 \$0.20 \$0.15 \$0.10 \$0.05 \$0.00	1987	Passeng 1988 erating I	1989	1990	2.5 - 2.0 - 1.5 - 1.0 - 0.5 -	1987	Revent	1989 os Per Ve	19
Motor 1 \$5.00 \$4.00 \$3.00 \$2.00 \$1.00 \$0.00	Operating Expense Per Vehi Revenue Mile 1987 1988 1989 199 d Response Operating Expense Per Veh	\$0.40 \$0.35 \$0.30 \$0.25 \$0.20 \$0.15 \$0.10 \$0.05 \$0.00	1987	Passeng 1988 erating I	1989 Expense	1990	2.5 - 2.0 - 1.5 - 1.0 - 0.5 -	1987	Revent 1988	1989 os Per Ve	19
Motor I \$5.00 \$4.00 \$3.00 \$2.00 \$1.00 \$0.00 Demano \$70.00	Operating Expense Per Vehi Revenue Mile 1987 1988 1989 199 d Response Operating Expense Per Veh	\$0.40 \$0.35 \$0.30 \$0.25 \$0.20 \$0.15 \$0.10 \$0.05 \$0.00 990	1987	Passeng 1988 erating I	1989 Expense	1990	2.5 2.0 1.5 1.0 0.5 0.0	1987	Revent 1988	1989 os Per Ve	19
Motor I \$5.00 \$4.00 \$3.00 \$2.00 \$1.00 \$0.00 Demano \$70.00 \$60.00	Operating Expense Per Vehi Revenue Mile 1987 1988 1989 199 d Response Operating Expense Per Veh	5 \$0.40 \$0.35 \$0.30 \$0.25 \$0.20 \$0.15 \$0.10 \$0.05 \$0.00 90 50.00 \$0.	1987	Passeng 1988 erating I	1989 Expense	1990	2.5 2.0 1.5 1.0 0.5 0.0 0.0	1987	Revent 1988	1989 os Per Ve	19
Motor I \$5.00 \$4.00 \$3.00 \$2.00 \$1.00 \$0.00 \$0.00 \$70.00 \$60.00 \$50.00	Operating Expense Per Vehi Revenue Mile 1987 1988 1989 199 d Response Operating Expense Per Veh	\$0.40 \$0.35 \$0.30 \$0.25 \$0.20 \$0.15 \$0.10 \$0.05 \$0.00 990	1987	Passeng 1988 erating I	1989 Expense	1990	2.5 2.0 1.5 1.0 0.5 0.0 0.1 0.1 0.1	1987	Revent 1988	1989 os Per Ve	19
Motor I \$5.00 \$4.00 \$2.00 \$1.00 \$0.00 \$0.00 \$70.00 \$60.00 \$50.00 \$40.00	Operating Expense Per Vehi Revenue Mile 1987 1988 1989 199 d Response Operating Expense Per Veh	S0.40 S0.35 \$0.30 \$0.25 \$0.20 \$0.15 \$0.10 \$0.05 \$0.00 90 S0.05 \$0.00	1987	Passeng 1988 erating I	1989 Expense	1990	2.5 2.0 1.5 1.0 0.5 0.0 0.5 0.0 0.1 0.1 0.1 0.1	1987	Revent 1988	1989 os Per Ve	19
Motor I \$5.00 \$4.00 \$3.00 \$2.00 \$1.00 \$0.00 \$0.00 \$0.00 \$60.00 \$60.00 \$50.00 \$40.00 \$30.00	Operating Expense Per Vehi Revenue Mile 1987 1988 1989 199 d Response Operating Expense Per Veh	S0.40 S0.35 \$0.30 \$0.25 \$0.20 \$0.15 \$0.10 \$0.05 \$0.00 90 S0.00 \$0.00	1987	Passeng 1988 erating I	1989 Expense	1990	2.5 2.0 1.5 1.0 0.5 0.0 0.5 0.0 0.1 0.1 0.1 0.1 0.1	1987	Revent 1988	1989 os Per Ve	19
Motor I \$5.00 \$4.00 \$3.00 \$2.00 \$1.00 \$0.00 \$0.00 \$50.00 \$50.00 \$50.00 \$40.00 \$30.00 \$20.00	Operating Expense Per Vehi Revenue Mile 1987 1988 1989 199 d Response Operating Expense Per Veh	S0.40 S0.35 \$0.30 \$0.25 \$0.20 \$0.15 \$0.10 \$0.05 \$0.00 90 S0.05 \$0.00	1987	Passeng 1988 erating I	1989 Expense	1990	2.5 2.0 1.5 1.0 0.5 0.0 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1	1987	Revent 1988	1989 os Per Ve	19
Motor I \$5.00 \$4.00 \$3.00 \$1.00 \$0.00 \$0.00 \$0.00 \$60.00 \$60.00 \$50.00 \$40.00 \$30.00	Operating Expense Per Vehi Revenue Mile 1987 1988 1989 199 d Response Operating Expense Per Veh	S0.40 S0.35 \$0.30 \$0.25 \$0.20 \$0.15 \$0.10 \$0.05 \$0.00 90 S0.00 \$0.00	1987	Passeng 1988 erating I	1989 Expense	1990	2.5 2.0 1.5 1.0 0.5 0.0 0.5 0.0 0.1 0.1 0.1 0.1 0.1	1987	Revent 1988	1989 os Per Ve	19

Source: 1990 Section 15 Annual Report

Orange County Transit District (OCTD)

P.O. Box 3005, 11222 Acacia Parkway Garden Grove, CA 92642 (714)638-9000 Chief Executive Officer: James P. Reichert, General Manager

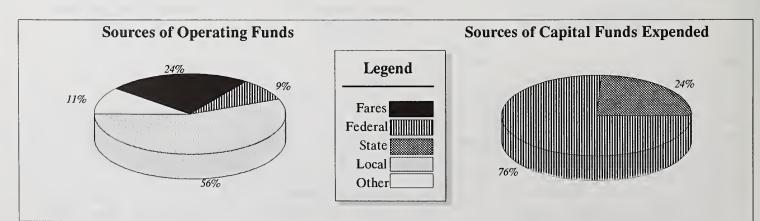
Section 15 ID Number: 9036

General Information (System Wide)

Urbanized Area (UZA) Statistics Los Angeles, CA	- 1990 Census
Square Miles	1,966
Population	11,402,946
Population Ranking Out of 405	
Service Area Statistics	
Square Miles	797
Population	1,932,709
Service Consumption	
Annual Unlinked Trips	46,336,476
Annual Passenger Miles	217,021,532
Average Weekday Unlinked Tri	ps 152,103
Average Saturday Unlinked Trip	s 80,392
Average Sunday Unlinked Trips	55,856
Service Supplied	
Annual Vehicle Revenue Miles	18,859,059
Annual Vehicle Revenue Hours	1,439,067
Total Fleet	634
Vehicles Operated in Maximum	Service 515
Base Period Requirement	380
Vehicles Operated in Maximum S	ervice
Directl	y Purchased
Operate	d Transportation

Operated	Transportation
355	30
0	125
5	0

Sources of Operating Funds		
Passenger Fares		\$27,212,478
Local Assistance		63,229,196
State Assistance		112,079
Federal Assistance		9,892,825
Other Revenues		12,121,529
Total Operating Funds	(1990)	\$112,568,107
	(1989)	\$102,439,243
	(1988)	\$93,971,185
Summary of Operating Expenses		
Salaries/Wages/Benefits		\$62,628,640
Materials & Supplies		10,163,303
Purchased Transportation		10,044,932
Other Expenses		9,092,241
Total Operating Expenses	(1990)	\$91,929,116
	(1989)	\$82,988,229
	(1988)	\$79,896,327
Sources of Capital Funds Expende	ed	
Local Assistance		\$21,181
State Assistance		4,734,824
UMTA Sec. 3 Discretionary	\$58,476	
UMTA Sec. 9 Formula	14,750,068	
UMTA Other Assistance	0	
Other Federal Assistance	0	
Federal Assistance Total		14,808,544
Total Capital Funds Expended	(1990)	\$19,564,549
	(1989)	\$7,181,986
	(1988)	\$13,622,894



Orange County Transit District (OCTD)

range					Motor	Demand	
harac	teristics				Bus	Response	Vanp
peratin	g Expense				\$85,484,710	\$6,347,260	\$97,
	Jnlinked Trips				44,845,722	1,484,900	5,
	Passenger Miles				210,641,577	6,206,882	173,
	Weekday Unlinked Trips				146,472	5,610	,
	/ehicle Revenue Hours				1,231,589	204,688	2,
	/ehicle Revenue Miles				16,153,005	2,661,756	44,
	ideway Directional Route M	files			0.0	0.0	,
otal Fle	-				473	156	
	Operated in Maximum Serv	ice			385	125	
	Base Ratio				1.5	1.1	N
are Ra					23%	25%	
erforn	nance Measures						
	Afficiency						
	g Expense/Vehicle Revenue	Hour			\$69.41	\$31.01	\$34
	g Expense/Vehicle Revenue				\$5.29	\$2.38	\$2
	ectiveness						
	g Expense/Unlinked Passen	ger Trip			\$1.91	\$4.27	\$16
	g Expense/Passenger Mile	Start P			\$0.41	\$1.02	\$0
						1	
	Affectiveness	II			26.4	7.2	
	l Passenger Trips/Vehicle R l Passenger Trips/Vehicle R				36.4 2.8	7.3 0.6	
Motor 1	Bus Operating Expense Per Ve Revenue Mile	chicle	-	ng Expense senger Mile	Per	Passenger Trip Revenu	
	Operating Expense Per Ve		-	• •		Revenu	
Motor 3	Operating Expense Per Ve	\$0.50	-	• •	3.0	Revenu	
\$6.00 \$5.00	Operating Expense Per Ve	\$0.50 \$0.40	-	• •	3.0	Revenu	
\$6.00 \$5.00 \$4.00	Operating Expense Per Ve	\$0.50	-	• •	3.0 2.5 2.0	Revenu	
\$6.00 \$5.00 \$4.00 \$3.00	Operating Expense Per Ve	\$0.50 \$0.40	-	• •	3.0 2.5 2.0 1.5	Revenu	
\$6.00 \$5.00 \$4.00 \$3.00 \$2.00	Operating Expense Per Ve	\$0.50 \$0.40 \$0.30 \$0.20	-	• •	3.0 2.5 2.0 1.5 1.0	Revenu	
\$6.00 \$5.00 \$4.00 \$3.00 \$2.00 \$1.00	Operating Expense Per Ve	\$0.50 \$0.40 \$0.30 \$0.20 \$0.10	-	• •	3.0 2.5 2.0 1.5 1.0 0.5	Revenu	
\$6.00 \$5.00 \$4.00 \$3.00 \$2.00 \$1.00	Operating Expense Per Ve Revenue Mile	 \$0.50 \$0.40 \$0.30 \$0.20 \$0.10 \$0.00 	Pas	senger Mile	3.0 2.5 2.0 1.5 1.0 0.5 0.0	Revenu	e Mile
56.00 55.00 54.00 53.00 52.00 51.00	Operating Expense Per Ve Revenue Mile	\$0.50 \$0.40 \$0.30 \$0.20 \$0.10	-	senger Mile	3.0 2.5 2.0 1.5 1.0 0.5	Revenu	
\$6.00 \$5.00 \$4.00 \$3.00 \$2.00 \$1.00 \$0.00	Operating Expense Per Ve Revenue Mile	 \$0.50 \$0.40 \$0.30 \$0.20 \$0.10 \$0.00 	Pas	senger Mile	3.0 2.5 2.0 1.5 1.0 0.5 0.0	Revenu	e Mile
\$6.00 \$5.00 \$4.00 \$3.00 \$2.00 \$1.00 \$0.00	Operating Expense Per Ver Revenue Mile	\$0.50 \$0.40 \$0.30 \$0.20 \$0.10 \$0.00 1990	Pas 1987 19 Operati	senger Mile	3.0 2.5 2.0 1.5 1.0 0.5 0.0 1990	Revenu 1987 1988 Passenger Trips	e Mile
\$6.00 \$5.00 \$4.00 \$3.00 \$2.00 \$1.00 \$0.00	Operating Expense Per Ve Revenue Mile	\$0.50 \$0.40 \$0.30 \$0.20 \$0.10 \$0.00 1990	Pas 1987 19 Operati	senger Mile	3.0 2.5 2.0 1.5 1.0 0.5 0.0 1990	Revenu	e Mile
\$6.00 \$5.00 \$4.00 \$3.00 \$2.00 \$1.00 \$0.00	Operating Expense Per Ve Revenue Mile	\$0.50 \$0.40 \$0.30 \$0.20 \$0.10 \$0.00 1990	Pas 1987 19 Operati	senger Mile	3.0 2.5 2.0 1.5 1.0 0.5 0.0 1990 Per	Revenu 1987 1988 Passenger Trips	e Mile
\$6.00 \$5.00 \$4.00 \$3.00 \$2.00 \$1.00 \$0.00 Deman \$2.50	Operating Expense Per Ve Revenue Mile	\$0.50 \$0.40 \$0.30 \$0.20 \$0.10 \$0.00 1990 ehicle \$1.20	Pas 1987 19 Operati	senger Mile	3.0 2.5 2.0 1.5 1.0 0.5 0.0 1990 Per 0.6	Revenu 1987 1988 Passenger Trips	e Mile
\$6.00 \$5.00 \$4.00 \$3.00 \$2.00 \$1.00 \$0.00 Deman \$2.50 \$2.50 \$2.00	Operating Expense Per Ve Revenue Mile	\$0.50 \$0.40 \$0.30 \$0.20 \$0.10 \$0.00 1990 ehicle \$1.20 \$1.00	Pas 1987 19 Operati	senger Mile	3.0 2.5 2.0 1.5 1.0 0.5 0.0 1990 Per 0.6 0.5	Revenu 1987 1988 Passenger Trips	e Mile
\$6.00 \$5.00 \$4.00 \$3.00 \$2.00 \$1.00 \$0.00 Deman \$2.50 \$2.50 \$2.00	Operating Expense Per Ve Revenue Mile	\$0.50 \$0.40 \$0.30 \$0.20 \$0.10 \$0.00 1990 ehicle \$1.20 \$1.00 \$0.80	Pas 1987 19 Operati	senger Mile	3.0 2.5 2.0 1.5 1.0 0.5 0.0 1990	Revenu 1987 1988 Passenger Trips	e Mile
\$6.00 \$5.00 \$4.00 \$3.00 \$2.00 \$1.00 \$0.00 Deman \$2.50 \$2.00 \$2.00 \$1.50	Operating Expense Per Ve Revenue Mile	\$0.50 \$0.40 \$0.30 \$0.20 \$0.10 \$0.00 1990 ehicle \$1.20 \$1.00 \$0.80 \$0.60	Pas 1987 19 Operati	senger Mile	3.0 2.5 2.0 1.5 1.0 0.5 0.0 1990	Revenu 1987 1988 Passenger Trips	e Mile
\$6.00 \$5.00 \$4.00 \$3.00 \$2.00 \$1.00 \$0.00	Operating Expense Per Ve Revenue Mile	\$0.50 \$0.40 \$0.30 \$0.20 \$0.10 \$0.00 1990 \$1.20 \$1.00 \$0.80 \$0.60 \$0.40	Pas 1987 19 Operati	senger Mile	3.0 2.5 2.0 1.5 1.0 0.5 0.0 1990	Revenu 1987 1988 Passenger Trips	e Mile
\$6.00 \$5.00 \$4.00 \$3.00 \$2.00 \$1.00 Deman \$2.50 \$2.50 \$2.00 \$1.50 \$1.00	Operating Expense Per Ve Revenue Mile	\$0.50 \$0.40 \$0.30 \$0.20 \$0.10 \$0.00 1990 ehicle \$1.20 \$1.00 \$0.80 \$0.60	Pas 1987 19 Operati	senger Mile	3.0 2.5 2.0 1.5 1.0 0.5 0.0 1990	Revenu 1987 1988 Passenger Trips	e Mile

Source: 1990 Section 15 Annual Report

Southern California Rapid Transit District (SCRTD)

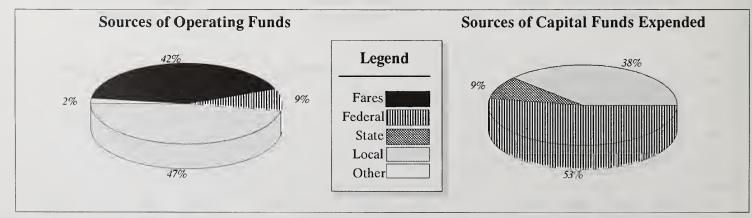
425 South Main Street Los Angeles, CA 90013 (213)972-6830 Chief Executive Officer: Alan F. Pegg, General Manager

Section 15 ID Number: 9021

General Information (System Wide)

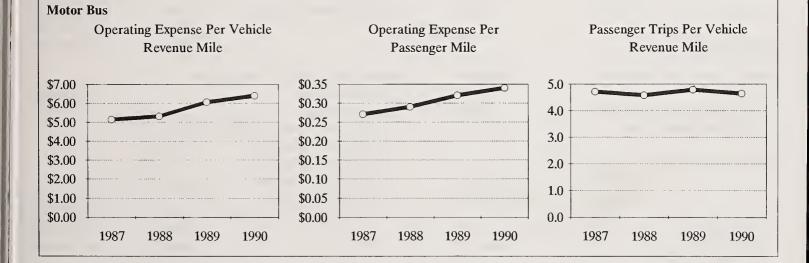
Urbanized Area (UZA)	Statistics - 1990 C	Census
Los Angeles, CA		1.0//
Square Miles		1,966
Population	0 . 6 .05	11,402,946
Population Ranking		2
Other UZA's Served	1:	30, 63
Service Area Statistics		
Square Miles		1,433
Population		7,154,679
Service Consumption		
Annual Unlinked Tri	ps	401,054,720
Annual Passenger M	iles	1,612,752,024
Average Weekday U	nlinked Trips	1,270,629
Average Saturday Ur	linked Trips	846,215
Average Sunday Unli	inked Trips	591,586
Service Supplied		
Annual Vehicle Reve	enue Miles	86,591,596
Annual Vehicle Reve	enue Hours	6,953,650
Total Fleet		2,518
Vehicles Operated in	Maximum Service	1,929
Base Period Require		577
Vehicles Operated in N	Aaximum Service	
	Directly	Purchased
	Operated	Transportation
Motor Bus	1,929	0

Sources of Operating Funds		
Passenger Fares		\$239,904,679
Local Assistance		267,493,356
State Assistance		0
Federal Assistance		48,300,147
Other Revenues		9,439,135
Total Operating Funds	(1990)	\$565,137,317
	(1989)	\$533,116,710
	(1988)	\$504,421,394
Summary of Operating Expenses		
Salaries/Wages/Benefits		\$448,654,225
Materials & Supplies		68,450,468
Purchased Transportation		0
Other Expenses		36,098,144
Total Operating Expenses	(1990)	\$553,202,837
	(1989)	\$520,888,954
	(1988)	\$492,576,499
Sources of Capital Funds Expend	led	
Local Assistance		\$131,242,860
State Assistance		32,588,065
UMTA Sec. 3 Discretionary	\$126,967,639	
UMTA Sec. 9 Formula	59,489,445	
UMTA Other Assistance	438,803	
Other Federal Assistance	0	
Federal Assistance Total		186,895,887
Total Capital Funds Expended	(1990)	\$350,726,812
	(1989)	\$321,037,436
	(1988)	\$175,466,556



Southern California Rapid Transit District (SCRTD)

Characteristics	Motor Bus
Operating Expense	\$553,202,837
Annual Unlinked Trips	401,054,720
Annual Passenger Miles	1,612,752,024
Average Weekday Unlinked Trips	1,270,629
Annual Vehicle Revenue Hours	6,953,650
Annual Vehicle Revenue Miles	86,591,596
Fixed Guideway Directional Route Miles	24.5
Total Fleet	2,518
Vehicles Operated in Maximum Service	1,929
Peak to Base Ratio	1.5
Spare Ratio	31%
Performance Measures	
Service Efficiency	
Operating Expense/Vehicle Revenue Hour	\$79.56
Operating Expense/Vehicle Revenue Mile	\$6.39
Cost Effectiveness	
Operating Expense/Unlinked Passenger Trip	\$1.38
Operating Expense/Passenger Mile	\$0.34
Service Effectiveness	
Unlinked Passenger Trips/Vehicle Revenue Hour	57.7
Unlinked Passenger Trips/Vehicle Revenue Mile	4.6



Miami Metro-Dade Transit Agency (MDTA)

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

Miami--Hialeah. FL

Other UZA's Served:

Service Area Statistics

Service Consumption

Annual Unlinked Trips

Annual Passenger Miles

Average Weekday Unlinked Trips

Average Saturday Unlinked Trips

Average Sunday Unlinked Trips

Annual Vehicle Revenue Miles

Annual Vehicle Revenue Hours

Base Period Requirement

Vehicles Operated in Maximum Service

Vehicles Operated in Maximum Service

Directly

Operated

412

82

0

9

Square Miles

Population

Service Supplied

Total Fleet

Motor Bus

Heavy Rail

Demand Response

Automated Guideway

Square Miles

Population

Chief Executive Officer: Chester Colby, Director

Section 15 ID Number: 4034

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

353

16

26

285

1,914,660

1,735,000

77,789,991

367,429,734

257,551

143,402

92,348

32,492,450

Purchased

Transportation

89

0

0

230

2,509,904

979

822

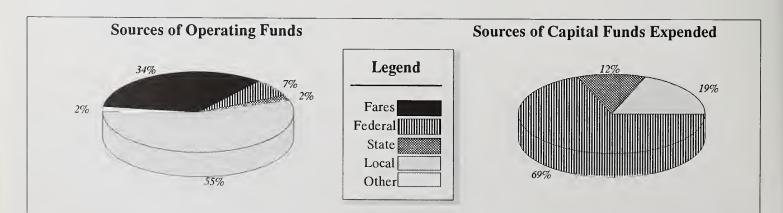
577

General Information (System Wide)

Urbanized Area (UZA) Statistics - 1990 Census

Population Ranking Out of 405 UZA's

Sources of Operating Funds \$56.880.537 Passenger Fares Local Assistance 92,292,000 State Assistance 3,554,553 Federal Assistance 12,416,064 Other Revenues 2,560,129 (1990)**Total Operating Funds** \$167,703,283 (1989)\$155,924,331 (1988)\$148,332,170 **Summary of Operating Expenses** Salaries/Wages/Benefits \$108,592,485 Materials & Supplies 14,123,714 Purchased Transportation 14,796,322 * Other Expenses 25,135,533 (1990) \$162,648,054 **Total Operating Expenses** (1989)\$151,302,913 (1988)\$142,546,887 Sources of Capital Funds Expended Local Assistance \$9,289,831 State Assistance 5,875,510 UMTA Sec. 3 Discretionary \$15,051,086 UMTA Sec. 9 Formula 18,812,187 UMTA Other Assistance 95,687 Other Federal Assistance 0 Federal Assistance Total 33,958,960 **Total Capital Funds Expended** (1990) \$49,124,301 (1989)\$21,998,751 \$37,504,204 (1988)



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Miami Metro-Dade Transit Agency (MDTA)

harac	teristics		Motor Bus	Heavy Rail	Demand Response	Automate Guidewa
perating	g Expense		\$103,265,692	\$41,960,617	\$10,971,501	\$6,450,24
	Jnlinked Trips		60,267,018	13,621,918	666,332	3,234,7
	assenger Miles		249,405,858	109,692,672	5,607,242	2,723,9
	Weekday Unlinked Trips		198,368	45,606	2,255	11,3
	/ehicle Revenue Hours		1,839,899	178,910	457,914	33,1
	/ehicle Revenue Miles		21,827,784 15.2	5,444,410	4,860,015	360,2
otal Flee	ideway Directional Route Miles		601	42.2 136	0.0 230	-
	Operated in Maximum Service		501	82	230	
	Base Ratio		1.4	2.7	N/A	
pare Rat	tio		20%	66%	0%	33
erform	nance Measures					
	Officiency					
	g Expense/Vehicle Revenue Hour		\$56.13	\$234.53	\$23.96	\$194
perating	g Expense/Vehicle Revenue Mile		\$4.73	\$7.71	\$2.26	\$17.
	ectiveness g Expense/Unlinked Passenger Tri	n	\$1.71	\$3.08	\$16.47	\$1
	g Expense/Passenger Mile	Р	\$1.71 \$0.41	\$3.08 \$0.38	\$10.47	\$1
			ψ0.41	ψ0.50	ψ1.70	ψΖ
	Effectiveness Passenger Trips/Vehicle Revenue	Hour	32.8	76.1	1.5	9
	Passenger Trips/Vehicle Revenue		2.8	2.5	0.1	9
nlinked	Bus Operating Expense Per Vehicle		Operating Exp		Passenger Trips	
nlinked	Bus		Operating Exp Passenger		Passenger Trips Revenue	
	Bus Operating Expense Per Vehicle	\$0.50		Mile 3.5	Revenue	
Motor I \$6.00 \$5.00	Bus Operating Expense Per Vehicle	\$0.50 \$0.40		Mile 3.5	Revenue	
nlinked Motor I \$6.00 \$5.00 \$4.00	Bus Operating Expense Per Vehicle			Mile 3.5 3.0 2.5	Revenue	
Motor I \$6.00 \$5.00 \$4.00 \$3.00	Bus Operating Expense Per Vehicle	\$0.40		Mile 3.5	Revenue	
nlinked Motor I \$6.00 \$5.00 \$4.00 \$3.00 \$2.00	Bus Operating Expense Per Vehicle	\$0.40 \$0.30 \$0.20		Mile 3.5 3.0 2.5 2.0	Revenue	
nlinked Motor I \$6.00 \$5.00 \$4.00 \$3.00 \$2.00	Bus Operating Expense Per Vehicle	\$0.40 \$0.30		Mile 3.5 3.0 2.5 2.0 1.5	Revenue	
nlinked Motor I \$6.00 \$5.00 \$4.00 \$3.00 \$2.00 \$1.00	Bus Operating Expense Per Vehicle Revenue Mile	\$0.40 \$0.30 \$0.20	Passenger	Mile 3.5 3.0 2.5 2.0 1.5 1.0 0.5 0.0		Mile
Alinked Motor I \$6.00 \$5.00 \$4.00 \$3.00 \$2.00 \$1.00	Bus Operating Expense Per Vehicle	\$0.40 \$0.30 \$0.20 \$0.10	Passenger	Mile 3.5 3.0 2.5 2.0 1.5 1.0 0.5	Revenue	
nlinked Motor I \$6.00 \$5.00 \$4.00 \$3.00 \$2.00 \$1.00 \$0.00	Bus Operating Expense Per Vehicle Revenue Mile	\$0.40 \$0.30 \$0.20 \$0.10	Passenger	Mile 3.5 3.0 2.5 2.0 1.5 1.0 0.5 0.0		• Mile
nlinked Motor I \$6.00 \$5.00 \$4.00 \$3.00 \$2.00 \$1.00 \$0.00	Bus Operating Expense Per Vehicle Revenue Mile	\$0.40 \$0.30 \$0.20 \$0.10	Passenger	Mile 3.5 3.0 2.5 2.0 1.5 1.0 0.5 0.0 1989 1990 Pense Per		Mile Mile
nlinked Motor I \$6.00 \$5.00 \$4.00 \$3.00 \$2.00 \$1.00 \$0.00 Heavy H	Bus Operating Expense Per Vehicle Revenue Mile	\$0.40 \$0.30 \$0.20 \$0.10	Passenger	Mile 3.5 3.0 2.5 2.0 1.5 1.0 0.5 0.0 1989 1990 Pense Per	Revenue 1987 1988 Passenger Trips	Mile Mile
nlinked Motor I \$6.00 \$5.00 \$4.00 \$3.00 \$2.00 \$1.00 \$0.00 Heavy H	Bus Operating Expense Per Vehicle Revenue Mile	\$0.40 \$0.30 \$0.20 \$0.10 \$0.00	Passenger	Mile 3.5 3.0 2.5 2.0 1.5 1.0 0.5 0.0 1989 1990 Pense Per Mile	Revenue 1987 1988 Passenger Trips	Mile Mile
nlinked Motor I \$6.00 \$5.00 \$4.00 \$3.00 \$2.00 \$1.00 \$0.00 Heavy H \$10.00	Bus Operating Expense Per Vehicle Revenue Mile	\$0.40 \$0.30 \$0.20 \$0.10 \$0.00	Passenger	Mile 3.5 3.0 2.5 2.0 1.5 1.0 0.5 0.0 1989 1990 Pense Per Mile 3.0 2.5 2.0 1.5 1.0 0.5 0.0 2.5 2.0 1.5 1.0 0.5 0.0 2.5 2.0 1.5 1.0 0.5 0.0 2.5 2.0 1.5 1.0 0.5 0.0 2.5 2.0 1.5 1.0 0.5 0.0 2.5 2.0 1.5 1.0 0.5 0.0 2.5 2.0 0.5 0.0 2.5 2.0 0.5 0.0 2.5 2.0 0.5 0.0 2.5 2.0 0.5 0.0 2.5 2.0 0.5 0.0 2.5 2.0 0.0 2.5 2.0 0.5 0.0 2.5 2.0 0.0 2.5 2.0 0.0 2.5 2.5 2.0 2.5	Revenue 1987 1988 Passenger Trips	Mile Mile
nlinked Motor I \$6.00 \$5.00 \$4.00 \$2.00 \$1.00 \$0.00 Heavy H \$10.00 \$8.00	Bus Operating Expense Per Vehicle Revenue Mile	\$0.40 \$0.30 \$0.20 \$0.10 \$0.00 \$0.00	Passenger	Mile 3.5 3.0 2.5 2.0 1.5 1.0 0.5 0.0 1989 1990 Pense Per Mile 3.0 2.5 2.0 1.5 1.0 0.5 0.0 1.5 2.0 1.5 1.0 0.5 0.0 1.5 1.0 0.5 0.0 1.5 1.0 0.5 0.0 1.5 1.0 0.5 0.0 1.5 1.0 0.5 0.0 1.5 1.0 0.5 0.0 1.5 1.0 0.5 0.0 1.5 1.0 0.5 0.0 1.5 1.0 0.5 0.0 1.5 1.5 1.5 1.0 0.5 0.0 1.5 1.5 1.5 1.5 1.0 0.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.0 0.5 1.5 1.5 1.5 1.5 1.0 0.5 1.	Revenue 1987 1988 Passenger Trips	Mile Mile
nlinked Motor I \$6.00 \$5.00 \$4.00 \$2.00 \$1.00 \$0.00 Theavy H \$10.00 \$8.00 \$8.00 \$4.00	Bus Operating Expense Per Vehicle Revenue Mile	\$0.40 \$0.30 \$0.20 \$0.10 \$0.00 \$0.00 \$0.40 \$0.30	Passenger	Mile 3.5 3.0 2.5 2.0 1.5 1.0 0.5 0.0 989 1990 Pense Per Mile 3.0 2.5 2.0 1.5 1.0 0.5 0.0 1.5 1.0 0.5 0.0 1.5 1.0 0.5 0.0 1.5 1.0 0.5 0.0 1.5 1.0 0.5 0.0 1.5 1.0 0.5 0.0 1.5 1.0 0.5 0.0 1.5 1.0 0.5 0.0 1.5 1.0 0.5 0.0 1.5 1.0 0.5 0.0 1.5 1.0 1.5 1.0 0.5 0.0 1.5 1.0 0.5 0.0 1.5 1.0 0.5 0.0 1.5 1.0 0.5 0.0 1.5 1.0 0.0 1.5 1.0 1.5 1.0 0.5 0.0 1.5 1.5 1.5	Revenue 1987 1988 Passenger Trips	Mile Mile
nlinked Motor I \$6.00 \$5.00 \$4.00 \$2.00 \$1.00 \$0.00 Heavy H \$10.00 \$8.00 \$8.00 \$6.00	Bus Operating Expense Per Vehicle Revenue Mile	\$0.40 \$0.30 \$0.20 \$0.10 \$0.00 \$0.00 \$0.40 \$0.30 \$0.20	Passenger	Mile 3.5 3.0 2.5 2.0 1.5 1.0 0.5 0.0 1989 1990 Pense Per Mile 3.0 2.5 2.0 1.5 1.0 0.5 0.0 1.5 2.0 1.5 1.0 0.5 0.0 1.5 1.0 0.5 0.0 1.5 1.0 0.5 0.0 1.5 1.0 0.5 0.0 1.5 1.0 0.5 0.0 1.5 1.0 0.5 0.0 1.5 1.0 0.5 0.0 1.5 1.0 0.5 0.0 1.5 1.0 0.5 0.0 1.5 1.5 1.5 1.0 0.5 0.0 1.5 1.5 1.5 1.5 1.0 0.5 0.0 1.5 1.	Revenue 1987 1988 Passenger Trips	Mile Mile 1989 1990 Per Vehicle

Minneapolis-St. Paul Metropolitan Transit Commission (MTC)

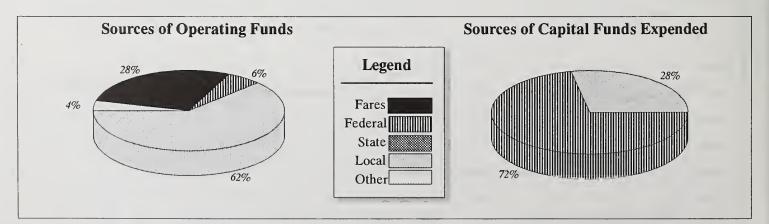
560 6th Avenue North Minneapolis, MN 55411 (612)349-7701 Chief Executive Officer: Michael D. Christenson, Chief Administrator

Section 15 ID Number: 5027

General Information (System Wide)

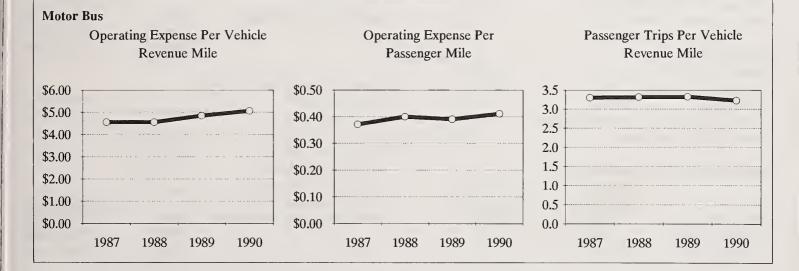
Urbanized Area (UZA) MinneapolisSt. Paul, N		Census
Square Miles	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	1,063
Population		2,079,676
Population Ranking	Out of $405 \text{ MZ} \text{ Arc}$	2,079,070
Topulation Ranking	Out of 405 OzzA S	15
Service Area Statistics		
Square Miles		1,060
Population		2,050,278
- op marion		_,,
Service Consumption		
Annual Unlinked Trip	s	69,588,432
Annual Passenger Mil		263,284,237
Average Weekday Un		236,658
Average Saturday Unl	-	110,963
Average Sunday Unlin	-	58,710
Service Supplied		
Annual Vehicle Rever	ue Miles	21,634,792
Annual Vehicle Rever	ue Hours	1,556,802
Total Fleet		1,010
Vehicles Operated in	Maximum Service	869
Base Period Requirem		278
*		
Vehicles Operated in M	aximum Service	
	Directly	Purchased
	Operated	Transportation
Motor Bus	858	11

Sources of Operating Funds		
Passenger Fares		\$32,462,018
Local Assistance		71,584,743
State Assistance		0
Federal Assistance		7,326,302
Other Revenues		4,855,047
Total Operating Funds	(1990)	\$116,228,110
	(1989)	\$110,288,480
	(1988)	\$123,085,311
Summary of Operating Expenses		
Salaries/Wages/Benefits		\$88,852,929
Materials & Supplies		12,398,775
Purchased Transportation		430,258
Other Expenses		7,568,377
Total Operating Expenses	(1990)	\$109,250,339
	(1989)	\$103,362,677
	(1988)	\$98,053,871
Sources of Capital Funds Expende	ed	
Local Assistance		\$7,913,104
State Assistance		0
UMTA Sec. 3 Discretionary	\$5,836,783	
UMTA Sec. 9 Formula	14,035,293	
UMTA Other Assistance	2,113	
Other Federal Assistance	-4,267	
Federal Assistance Total		19,869,922
Total Capital Funds Expended	(1990)	\$27,783,026
	(1989)	\$25,010,688
	(1988)	\$18,924,321



Minneapolis-St. Paul Metropolitan Transit Commission (MTC)

Winneapons-St. 1 aut Metropontan Transit Commission (M1	· ·
Characteristics	Motor Bus
Operating Expense	\$109,250,339
Annual Unlinked Trips	69,588,432
Annual Passenger Miles	263,284,237
Average Weekday Unlinked Trips	236,658
Annual Vehicle Revenue Hours	1,556,802
Annual Vehicle Revenue Miles	21,634,792
Fixed Guideway Directional Route Miles	15.1
Total Fleet	1,010
Vehicles Operated in Maximum Service	869
Peak to Base Ratio	3.1
Spare Ratio	16%
Performance Measures	
Service Efficiency	
Operating Expense/Vehicle Revenue Hour	\$70.18
Operating Expense/Vehicle Revenue Mile	\$5.05
Cost Effectiveness	
Operating Expense/Unlinked Passenger Trip	\$1.57
Operating Expense/Passenger Mile	\$0.41
	401.12
Service Effectiveness	
Unlinked Passenger Trips/Vehicle Revenue Hour	44.7
Unlinked Passenger Trips/Vehicle Revenue Mile	3.2



NJ - New Jersey Transit Corporation (NJ Transit)

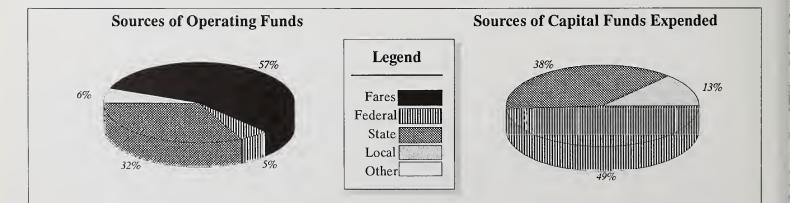
P.O. Box 10009, McCarter Highway Newark, NJ 07101 (201)643-4529 Chief Executive Officer: Shirley A. DeLibero, Executive Director

Section 15 ID Number: 2080

Purchased Transportation Providers: NJ-New Jersey Transit Corporation-Contract Services (2132); NJ Transit Contract Services (Individual Providers): Academy Lines, Inc. (2122), South Hudson Boulevard Bus Association (2123), DeCamp Bus Lines (2124), The Hudson Bus Transportation Company, Inc. (2125), Hudson Transit Lines, Inc. (2126), Lakeland Bus Lines, Inc. (2127), Surburban Transit Corporation (2128), Rockland Coaches, Inc. (2129)

General Information (System Wide)

Urbanized Area (UZA) Statistics -	1990 Census	Sources of Operating Funds		
New York, NYNortheastern NJ		Passenger Fares		\$447,601,434
Square Miles	2,967	Local Assistance		0
Population	16,044,012	State Assistance		247,941,647
Population Ranking Out of 405 U	UZA's 1	Federal Assistance		43,082,455
Other UZA's Served:	4, 68, 72, 89	Other Revenues		47,168,025
Service Area Statistics		Total Operating Funds	(1990)	\$785,793,561
Square Miles	6,559		(1989)	\$620,670,823
Population	7,495,000		(1988)	\$589,866,537
Service Consumption		Summary of Operating Expenses		
Annual Unlinked Trips	227,420,774	Salaries/Wages/Benefits		\$396,253,502
Annual Passenger Miles	2,674,874,080	Materials & Supplies		70,404,668
Average Weekday Unlinked Trips	623,880	Purchased Transportation		43,422,052 *
Average Saturday Unlinked Trips	272,937	Other Expenses		108,037,754
Average Sunday Unlinked Trips	131,061	Total Operating Expenses	(1990)	\$618,117,976
			(1989)	\$600,731,302
Service Supplied			(1988)	\$567,353,780
Annual Vehicle Revenue Miles	139,044,571			
Annual Vehicle Revenue Hours	7,429,600	Sources of Capital Funds Expend	ed	
Total Fleet	4,036	Local Assistance		\$39,281,115
Vehicles Operated in Maximum S	Service 3,273	State Assistance		122,857,573
Base Period Requirement	1,894	UMTA Sec. 3 Discretionary	\$62,406,477	
		UMTA Sec. 9 Formula	84,890,654	
Vehicles Operated in Maximum Ser	rvice	UMTA Other Assistance	10,023,205	
Directly	Purchased	Other Federal Assistance	0	
Operated	Transportation	Federal Assistance Total		157,320,336
Motor Bus 1,560	1,017	Total Capital Funds Expended	(1990)	\$319,459,024
Commuter Rail 629	51		(1989)	\$194,666,053
Light Rail 16	0		(1988)	\$291,477,136



					Μ	lotor	Commuter		Lig
hara	cteristics					Bus	Rail		Ra
peratir	ng Expense				\$323,660	5.093	\$290,902,965		\$3,548,91
	Unlinked Trips				174,78		48,795,800		3,837,69
	Passenger Miles				1,574,999	-	1,091,859,940		8,014,93
	Weekday Unlinked Trips					3,171	7,406		13,30
	Vehicle Revenue Hours),225	1,095,635		43,74
	Vehicle Revenue Miles								
					101,763		36,647,135		633,99
	uideway Directional Route Miles					6.7	926.0		8
otal Flo						3,168	846		-
	Operated in Maximum Service				1	2,577	680		
	Base Ratio					2.3	N/A		2
pare Ra	atio					23%	24%		38
erfor	mance Measures								
	Efficiency								
	ng Expense/Vehicle Revenue Hour				\$.	51.46	\$265.51		\$81.
▲	ng Expense/Vehicle Revenue Mile					\$3.18	\$7.94		\$5.
-							ψ1.94		Ψ.J.
	rectiveness					11.05	AF A F		¢.c
-	ng Expense/Unlinked Passenger Tri	ıp				\$1.85	\$5.96		\$0.
peratir	ng Expense/Passenger Mile					\$0.21	\$0.27		\$0.4
nlinkee Motor		-	Oner	ating Expe	nse Per		Passenger Trir	os Per Ve	ehicle
	Bus Operating Expense Per Vehicle Revenue Mile		-	ating Expe assenger N			Passenger Trip Revenu		ehicle
Motor	Operating Expense Per Vehicle	\$0.25	-			2.0			ehicle
Motor \$3.50	Operating Expense Per Vehicle	\$0.25	-			2.0			ehicle
Motor \$3.50 \$3.00	Operating Expense Per Vehicle		-						ehicle
Motor \$3.50	Operating Expense Per Vehicle	\$0.20	-			2.0 1.5			ehicle
Motor \$3.50 \$3.00	Operating Expense Per Vehicle		-			1.5 -			ehicle
Motor \$3.50 \$3.00 \$2.50 \$2.00	Operating Expense Per Vehicle	\$0.20 \$0.15	-						ehicle
Motor \$3.50 \$3.00 \$2.50 \$2.00 \$1.50	Operating Expense Per Vehicle	\$0.20	-			1.5 - 1.0 -			ehicle
Motor \$3.50 \$3.00 \$2.50 \$2.00 \$1.50 \$1.00	Operating Expense Per Vehicle	\$0.20 \$0.15	-			1.5 -			ehicle
Motor \$3.50 \$3.00 \$2.50 \$2.00 \$1.50 \$1.00 \$0.50	Operating Expense Per Vehicle	\$0.20 \$0.15 \$0.10 \$0.05	-			1.5 - 1.0 - 0.5 -			ehicle
Motor \$3.50 \$3.00 \$2.50 \$2.00 \$1.50 \$1.00	Operating Expense Per Vehicle	\$0.20 \$0.15 \$0.10	P		<i>f</i> ile	1.5 - 1.0 -			ehicle
Motor \$3.50 \$3.00 \$2.50 \$2.00 \$1.50 \$1.00 \$0.50 \$0.00	Operating Expense Per Vehicle Revenue Mile	\$0.20 \$0.15 \$0.10 \$0.05	P	assenger M	<i>f</i> ile	1.5 - 1.0 - 0.5 -	Revenu	ie Mile	
Motor \$3.50 \$3.00 \$2.50 \$2.00 \$1.50 \$1.00 \$0.50 \$0.00	Operating Expense Per Vehicle Revenue Mile	\$0.20 \$0.15 \$0.10 \$0.05	P 1987	assenger N	Aile	1.5 - 1.0 - 0.5 -	Revenu 1987 1988	1989	1990
Motor \$3.50 \$3.00 \$2.50 \$2.00 \$1.50 \$1.00 \$0.50 \$0.00	Operating Expense Per Vehicle Revenue Mile	\$0.20 \$0.15 \$0.10 \$0.05	P 1987 Oper.	assenger M	Aile	1.5 - 1.0 - 0.5 -	Revenu	1989 s Per Ve	1990
Motor \$3.50 \$3.00 \$2.50 \$1.50 \$1.50 \$1.00 \$0.50 \$0.00	Operating Expense Per Vehicle Revenue Mile	\$0.20 \$0.15 \$0.10 \$0.05	P 1987 Oper.	assenger M 1988 19 ating Exper	Aile	1.5 - 1.0 - 0.5 -	Revenu Passenger Trip	1989 s Per Ve	1990
Motor \$3.50 \$3.00 \$2.50 \$2.00 \$1.50 \$1.00 \$0.50 \$0.00 Comm \$8.00	Operating Expense Per Vehicle Revenue Mile	\$0.20 \$0.15 \$0.10 \$0.05 \$0.00 \$0.00	P 1987 Oper.	assenger M 1988 19 ating Exper	Aile	1.5 1.0 0.5 0.0	Revenu Passenger Trip	1989 s Per Ve	1990
Motor \$3.50 \$3.00 \$2.50 \$1.50 \$1.00 \$0.50 \$0.00 Comm \$8.00 \$7.00	Operating Expense Per Vehicle Revenue Mile	\$0.20 \$0.15 \$0.10 \$0.05 \$0.00 \$0.00	P 1987 Oper.	assenger M 1988 19 ating Exper	Aile	1.5 1.0 0.5 0.0	Revenu Passenger Trip	1989 s Per Ve	1990
Motor \$3.50 \$2.50 \$2.00 \$1.50 \$1.00 \$0.50 \$0.00 Comm \$8.00 \$7.00 \$6.00	Operating Expense Per Vehicle Revenue Mile	\$0.20 \$0.15 \$0.10 \$0.05 \$0.00 \$0.00	P 1987 Oper.	assenger M 1988 19 ating Exper	Aile	1.5 1.0 0.5 0.0	Revenu Passenger Trip	1989 s Per Ve	1990
Motor \$3.50 \$2.50 \$2.00 \$1.50 \$1.00 \$0.50 \$0.00 \$0.00 \$0.00 \$5.00	Operating Expense Per Vehicle Revenue Mile	\$0.20 \$0.15 \$0.10 \$0.05 \$0.00 \$0.25 \$0.20	P 1987 Oper.	assenger M 1988 19 ating Exper	Aile	1.5 1.0 0.5 0.0	Revenu Passenger Trip	1989 s Per Ve	1990
Motor \$3.50 \$3.00 \$2.50 \$1.50 \$1.50 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$5.00 \$4.00	Operating Expense Per Vehicle Revenue Mile	\$0.20 \$0.15 \$0.10 \$0.05 \$0.00 \$0.00 \$0.25 \$0.20 \$0.15	P 1987 Oper.	assenger M 1988 19 ating Exper	Aile	1.5 1.0 0.5 0.0	Revenu Passenger Trip	1989 s Per Ve	1990
Motor \$3.50 \$3.00 \$2.50 \$1.50 \$1.00 \$0.50 \$0.00 \$0.00 \$0.00 \$5.00 \$4.00 \$5.00 \$4.00 \$3.00	Operating Expense Per Vehicle Revenue Mile	\$0.20 \$0.15 \$0.10 \$0.05 \$0.00 \$0.25 \$0.20	P 1987 Oper.	assenger M 1988 19 ating Exper	Aile	1.5 1.0 0.5 0.0 1.4 1.2 1.0 0.8 0.6	Revenu Passenger Trip	1989 s Per Ve	1990
Motor \$3.50 \$3.00 \$2.50 \$1.50 \$1.00 \$0.50 \$0.00 \$0.00 \$0.00 \$5.00 \$4.00 \$3.00 \$2.00	Operating Expense Per Vehicle Revenue Mile	\$0.20 \$0.15 \$0.10 \$0.05 \$0.00 \$0.00 \$0.25 \$0.20 \$0.15 \$0.10	P 1987 Oper.	assenger M 1988 19 ating Exper	Aile	1.5 1.0 0.5 0.0 1.4 1.2 1.0 0.8 0.6 0.4	Revenu Passenger Trip	1989 s Per Ve	1990
Motor \$3.50 \$3.00 \$2.50 \$1.50 \$1.00 \$0.50 \$0.00 \$0.00 \$0.00 \$5.00 \$4.00 \$5.00 \$4.00 \$3.00	Operating Expense Per Vehicle Revenue Mile	\$0.20 \$0.15 \$0.10 \$0.05 \$0.00 \$0.00 \$0.25 \$0.20 \$0.15	P 1987 Oper.	assenger M 1988 19 ating Exper	Aile	1.5 1.0 0.5 0.0 1.4 1.2 1.0 0.8 0.6	Revenu Passenger Trip	1989 s Per Ve	1990

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

Jamaica Station Building Jamaica, NY 11435 (718)990-7524 Chief Executive Officer: Charles W. Hoppe, President

Financial Information (System Wide)

Section 15 ID Number: 2100

\$292,679,732 181,122,595 125,327,063 13,683,904 19,962,529 **\$632,775,823 \$288,237,138 \$285,596,675**

\$534,707,381 52,125,129

18,537,559 \$605,370,069 \$593,457,403 \$514,063,815

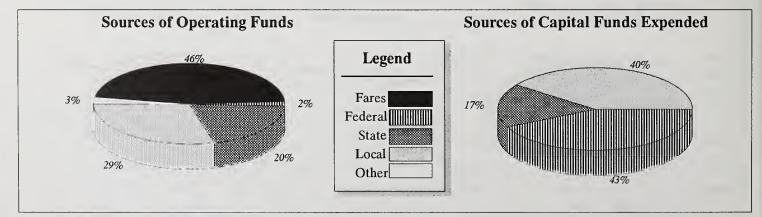
\$50,895,635 22,592,586

56,265,323 **\$129,753,544**

> \$0 \$0

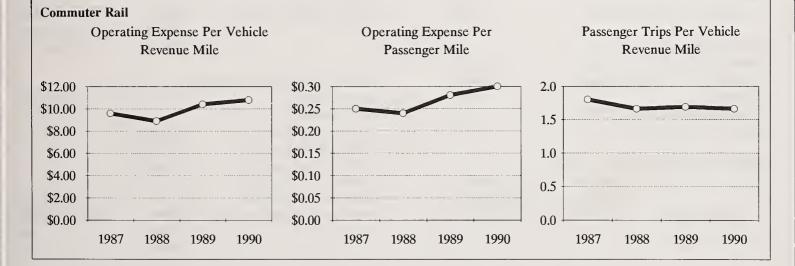
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Urbanized Area (UZA) Statistics - 1990 (Census	Sources of Operating Funds	
New York, NYNortheastern NJ		Passenger Fares	
Square Miles	2,967	Local Assistance	
Population	16,044,012	State Assistance	
Population Ranking Out of 405 UZA's	1	Federal Assistance	
		Other Revenues	
Service Area Statistics		Total Operating Funds	(1990)
Square Miles	1,406		(1989)
Population	8,350,000		(1988)
Service Consumption		Summary of Operating Expenses	
Annual Unlinked Trips	93,478,000	Salaries/Wages/Benefits	
Annual Passenger Miles	1,989,610,857	Materials & Supplies	
Average Weekday Unlinked Trips	332,000	Purchased Transportation	
Average Saturday Unlinked Trips	92,000	Other Expenses	
Average Sunday Unlinked Trips	74,000	Total Operating Expenses	(1990)
			(1989)
Service Supplied			(1988)
Annual Vehicle Revenue Miles	56,203,590		
Annual Vehicle Revenue Hours	1,767,910	Sources of Capital Funds Expend	ed
Total Fleet	1,194	Local Assistance	
Vehicles Operated in Maximum Service	1,034	State Assistance	
Base Period Requirement	559	UMTA Sec. 3 Discretionary	\$23,834,850
		UMTA Sec. 9 Formula	31,095,878
Vehicles Operated in Maximum Service		UMTA Other Assistance	1,334,595
Directly	Purchased	Other Federal Assistance	0
Operated	Transportation	Federal Assistance Total	
Commuter Rail 1,034	0	Total Capital Funds Expended	(1990)
			(1989)
			(1988)



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

New York MIA-Long Island Kall Road Company (LIKK)		
	Commuter	
Characteristics	Rail	
Operating Expense	\$605,370,069	
Annual Unlinked Trips	93,478,000	
Annual Passenger Miles	1,989,610,857	
Average Weekday Unlinked Trips	332,000	
Annual Vehicle Revenue Hours	1,767,910	
Annual Vehicle Revenue Miles	56,203,590	
Fixed Guideway Directional Route Miles	638.2	
Total Fleet	1,194	
Vehicles Operated in Maximum Service	1,034	
Peak to Base Ratio	1.7	
Spare Ratio	15%	
Performance Measures		
Service Efficiency		
Operating Expense/Vehicle Revenue Hour	\$342.42	
Operating Expense/Vehicle Revenue Mile	\$10.77	
Cost Effectiveness		
Operating Expense/Unlinked Passenger Trip	\$6.48	
Operating Expense/Passenger Mile	\$0.30	
Service Effectiveness		
Unlinked Passenger Trips/Vehicle Revenue Hour	52.9	
Unlinked Passenger Trips/Vehicle Revenue Mile	1.7	



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

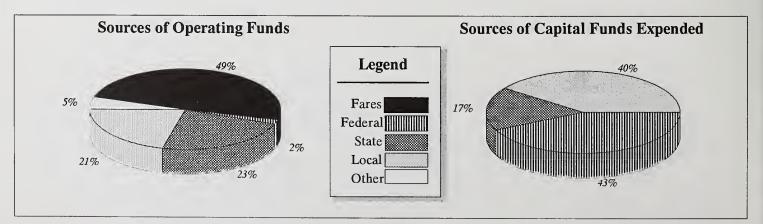
347 Madison Avenue New York, NY 10017 (212)340-3208 Chief Executive Officer: D. N. Nelson, President

Section 15 ID Number: 2078

General Information (System Wide)

Urbanized Area (UZA) New York, NYNorthea		Census
Square Miles		2,967
Population		16,044,012
Population Ranking	Out of 405 UZA's	1
Other UZA's Served		3, 144, 195, 209
Service Area Statistics		
Square Miles		2,527
Population		4,484,000
Service Consumption		
Annual Unlinked Trip	ps	57,952,584
Annual Passenger Mi	les	1,543,945,270
Average Weekday Ur	linked Trips	201,853
Average Saturday Un	linked Trips	69,594
Average Sunday Unli	nked Trips	54,406
Service Supplied		
Annual Vehicle Reve	nue Miles	35,522,235
Annual Vehicle Reve	nue Hours	999,653
Total Fleet		808
Vehicles Operated in	Maximum Service	696
Base Period Requirer	nent	202
Vehicles Operated in M		
	Directly	Purchased
	Operated	Transportation
Commuter Rail	696	0

Sources of Operating Funds		
Passenger Fares		\$221,452,814
Local Assistance		99,687,630
State Assistance		104,763,420
Federal Assistance		7,531,451
Other Revenues		22,356,614
Total Operating Funds	(1990)	\$455,791,929
	(1989)	\$221,494,031
	(1988)	\$213,640,200
Summary of Operating Expenses		
Salaries/Wages/Benefits		\$291,417,145
Materials & Supplies		36,286,870
Purchased Transportation		0
Other Expenses		95,343,601
Total Operating Expenses	(1990)	\$423,047,616
	(1989)	\$401,764,864
	(1988)	\$375,635,993
Sources of Capital Funds Expend	ed	
Local Assistance		\$39,989,428
State Assistance		17,751,317
UMTA Sec. 3 Discretionary	\$18,727,383	
UMTA Sec. 9 Formula	24,432,475	
UMTA Other Assistance	1,048,611	
Other Federal Assistance	0	
Federal Assistance Total		44,208,469
Total Capital Funds Expended	(1990)	\$101,949,214
	(1989)	\$0
	(1988)	\$0



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

Characteristics	Commuter Rail
Operating Expense	\$423,047,616
Annual Unlinked Trips	57,952,584
Annual Passenger Miles	1,543,945,270
Average Weekday Unlinked Trips	201,853
Annual Vehicle Revenue Hours	999,653
Annual Vehicle Revenue Miles	35,522,235
Fixed Guideway Directional Route Miles	535.9
Total Fleet	808
Vehicles Operated in Maximum Service	696
Peak to Base Ratio	3.1
Spare Ratio	16%
Performance Measures	
Service Efficiency	
Operating Expense/Vehicle Revenue Hour	\$423.19
Operating Expense/Vehicle Revenue Mile	\$11.91
Cost Effectiveness	
Operating Expense/Unlinked Passenger Trip	\$7.30
Operating Expense/Passenger Mile	\$0.27
Service Effectiveness	
Unlinked Passenger Trips/Vehicle Revenue Hour	58.0
Unlinked Passenger Trips/Vehicle Revenue Mile	1.6

Commuter Rail		
Operating Expense Per Vehicle	Operating Expense Per	Passenger Trips Per Vehicle
Revenue Mile	Passenger Mile	Revenue Mile
\$12.00	\$0.30	2.0
\$10.00	\$0.25	1.5
\$8.00	\$0.20	1.5
\$6.00	\$0.15	1.0
\$4.00	\$0.10	0.5
\$2.00	\$0.05	0.5
\$0.00	\$0.00	0.0
1987 1988 1989 1990	1987 1988 1989 1990	1987 1988 1989 1990

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

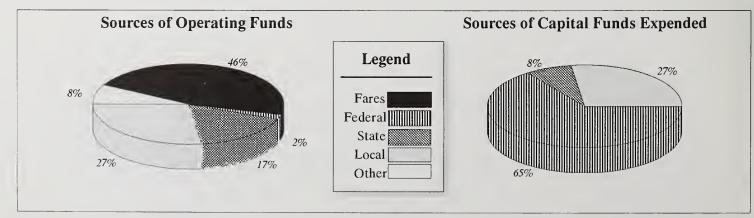
370 Jay Street Brooklyn, NY 11201 (718)330-4841

Chief Executive Officer: Alan F. Kiepper, President

Financial Information (System Wide)

Section 15 ID Number: 2008

Urbanized Area (UZA) Statistics - 1990 (Census	Sources of Operating Funds		
New York, NYNortheastern NJ		Passenger Fares		\$1,532,022,974
Square Miles	2,967	Local Assistance		860,792,791
Population	16,044,012	State Assistance		577,095,146
Population Ranking Out of 405 UZA's	1	Federal Assistance		72,242,618
		Other Revenues		275,344,997
Service Area Statistics		Total Operating Funds	(1990)	\$3,317,498,526
Square Miles	618		(1989)	\$3,126,156,758
Population	14,648,000		(1988)	\$3,173,506,363
Service Consumption		Summary of Operating Expenses		
Annual Unlinked Trips	2,191,756,996	Salaries/Wages/Benefits		\$2,831,995,085
Annual Passenger Miles	8,066,343,553	Materials & Supplies		267,009,008
Average Weekday Unlinked Trips	7,221,236	Purchased Transportation		0
Average Saturday Unlinked Trips	3,855,665	Other Expenses		392,846,798
Average Sunday Unlinked Trips	2,628,257	Total Operating Expenses	(1990) —	\$3,491,850,891
			(1989)	\$3,371,270,314
Service Supplied			(1988)	\$3,211,412,588
Annual Vehicle Revenue Miles	400,606,646			
Annual Vehicle Revenue Hours	28,503,225	Sources of Capital Funds Expend	led	
Total Fleet	9,748	Local Assistance		\$245,579,000
Vehicles Operated in Maximum Service	8,323	State Assistance		70,909,473
Base Period Requirement	4,932	UMTA Sec. 3 Discretionary	\$188,936,307	
		UMTA Sec. 9 Formula	300,544,684	
Vehicles Operated in Maximum Service		UMTA Other Assistance	97,642,186	
Directly	Purchased	Other Federal Assistance	3,216,759	
Operated	Transportation	Federal Assistance Total		590,339,936
Motor Bus 3,068	0	Total Capital Funds Expended	(1990)	\$906,828,409
	0		(1989)	\$792,295,271
Heavy Rail 5,255	0		(1)0))	ψ1743=703=11



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

[~] haract			hority (/						
maracu	eristics					N	lotor Bus		Heavy Rail		
Dperating	Expense				\$	51,034,65	3 716	\$2 453	7,197,175		
	linked Trips				+	715,40			5,353,092		
	ssenger Miles					1,420,74			5,594,230		
verage W	/eekday Unlinked Trips						4,024		4,857,212		
	chicle Revenue Hours					11,49	2,703	17	7,010,522		
	chicle Revenue Miles					92,26		308	3,341,568		
	leway Directional Route Miles						35.8		492.9		
otal Flee	perated in Maximum Service						3,659		6,089		
eak to Ba							3,068 1.5		5,255 1.6		
pare Rati							19%		16%		
erform	ance Measures										
ervice Eff	ficiency										
Dperating	Expense/Vehicle Revenue Hour					\$	90.03		\$144.45		
)perating	Expense/Vehicle Revenue Mile					\$	11.21		\$7.97		
Cost Effect											
	Expense/Unlinked Passenger Tri	р					\$1.45		\$1.66		
)perating	Expense/Passenger Mile						\$0.73		\$0.00		
	fectiveness										
	Passenger Trips/Vehicle Revenue						62.3		86.8		
Jnlinked I	Passenger Trips/Vehicle Revenue	Mile					7.8		4.8		
Motor B	us										
	Operating Expense Per Vehicle		Op	erating I	Expense 1	Per		Passe	nger Trip	os Per Vehic	le
	Revenue Mile			Passeng	-				Revenu		
\$12.00		\$0.80									
							8.0	0			0
\$10.00		\$0.70	-			0	7.0 -	0	0		0
\$10.00 \$8.00		\$0.70 \$0.60	C				7.0 6.0	0			0
\$8.00		\$0.70 \$0.60 \$0.50					7.0 6.0 5.0	0			0
\$8.00 \$6.00		\$0.70 \$0.60 \$0.50 \$0.40					7.0 6.0	0			0
\$8.00 \$6.00 \$4.00		\$0.70 \$0.60 \$0.50	~~~~				7.0 6.0 5.0 4.0	0			0
\$8.00 \$6.00		\$0.70 \$0.60 \$0.50 \$0.40 \$0.30	<u> </u>				7.0 6.0 5.0 4.0 3.0	0			0
\$8.00 \$6.00 \$4.00		\$0.70 \$0.60 \$0.50 \$0.40 \$0.30 \$0.20					7.0 6.0 5.0 4.0 3.0 2.0				0
\$8.00 \$6.00 \$4.00 \$2.00	1987 1988 1989 1990	\$0.70 \$0.60 \$0.50 \$0.40 \$0.30 \$0.20 \$0.10	1987	1988	1989	1990	7.0 6.0 5.0 4.0 2.0 1.0	1987	1988	1989 19	990
\$8.00 \$6.00 \$4.00 \$2.00	1987 1988 1989 1990	\$0.70 \$0.60 \$0.50 \$0.40 \$0.30 \$0.20 \$0.10	1987	1988	1989	1990	7.0 6.0 5.0 4.0 2.0 1.0		1988	1989 19	○→90
\$8.00 \$6.00 \$4.00 \$2.00		\$0.70 \$0.60 \$0.50 \$0.40 \$0.30 \$0.20 \$0.10					7.0 6.0 5.0 4.0 2.0 1.0	1987			
\$8.00 \$6.00 \$4.00 \$2.00 \$0.00 Heavy R		\$0.70 \$0.60 \$0.50 \$0.40 \$0.30 \$0.20 \$0.10		erating H	Expense 1		7.0 6.0 5.0 4.0 2.0 1.0	1987	nger Trip	s Per Vehicl	
\$8.00 \$6.00 \$4.00 \$2.00 \$0.00 Heavy R	ail	\$0.70 \$0.60 \$0.50 \$0.40 \$0.30 \$0.20 \$0.10			Expense 1		7.0 6.0 5.0 4.0 2.0 1.0	1987		s Per Vehicl	
\$8.00 \$6.00 \$4.00 \$2.00 \$0.00	ail Operating Expense Per Vehicle	\$0.70 \$0.60 \$0.50 \$0.40 \$0.30 \$0.20 \$0.10 \$0.00		erating H	Expense 1		7.0 6.0 5.0 4.0 3.0 2.0 1.0 0.0	1987	nger Trip	s Per Vehicl	
\$8.00 \$6.00 \$4.00 \$2.00 \$0.00 Heavy R \$8.00	ail Operating Expense Per Vehicle	\$0.70 \$0.60 \$0.50 \$0.40 \$0.30 \$0.20 \$0.10 \$0.00		erating H	Expense 1		7.0 6.0 5.0 4.0 2.0 1.0	1987	nger Trip	s Per Vehicl	
\$8.00 \$6.00 \$4.00 \$0.00 \$0.00 Heavy R \$8.00 \$7.00	ail Operating Expense Per Vehicle	\$0.70 \$0.60 \$0.50 \$0.40 \$0.20 \$0.10 \$0.00		erating H	Expense 1		7.0 6.0 5.0 4.0 3.0 2.0 1.0 0.0	1987	nger Trip	s Per Vehicl	
\$8.00 \$6.00 \$4.00 \$2.00 \$0.00 Heavy R \$8.00 \$7.00 \$6.00	ail Operating Expense Per Vehicle	\$0.70 \$0.60 \$0.50 \$0.40 \$0.20 \$0.10 \$0.00 \$0.00 \$0.00 \$0.35 \$0.30		erating H	Expense 1		7.0 6.0 5.0 4.0 2.0 1.0 0.0	1987	nger Trip	s Per Vehicl	
\$8.00 \$4.00 \$2.00 \$0.00 Heavy R \$8.00 \$7.00 \$6.00 \$5.00	ail Operating Expense Per Vehicle	\$0.70 \$0.60 \$0.50 \$0.40 \$0.20 \$0.10 \$0.00 \$0.00 \$0.00 \$0.35 \$0.30 \$0.25		erating H	Expense 1		$\begin{array}{c} 7.0 \\ 6.0 \\ 5.0 \\ 4.0 \\ 2.0 \\ 1.0 \\ 0.0 \end{array}$	1987	nger Trip	s Per Vehicl	
\$8.00 \$6.00 \$2.00 \$0.00 Heavy R \$8.00 \$7.00 \$6.00 \$5.00 \$4.00	ail Operating Expense Per Vehicle	\$0.70 \$0.60 \$0.50 \$0.40 \$0.20 \$0.10 \$0.00 \$0.00 \$0.00 \$0.00 \$0.25 \$0.20		erating H	Expense 1		$\begin{array}{c} 7.0 \\ 6.0 \\ 5.0 \\ 4.0 \\ 2.0 \\ 1.0 \\ 0.0 \end{array}$	1987	nger Trip	s Per Vehicl	
\$8.00 \$4.00 \$2.00 \$0.00 \$0.00 \$0.00 \$0.00 \$5.00 \$4.00 \$3.00	ail Operating Expense Per Vehicle	\$0.70 \$0.60 \$0.50 \$0.40 \$0.20 \$0.10 \$0.00 \$0.00 \$0.00 \$0.00 \$0.20 \$0.35 \$0.30 \$0.25 \$0.20 \$0.15		erating H	Expense 1		$\begin{array}{c} 7.0 \\ 6.0 \\ 5.0 \\ 4.0 \\ 2.0 \\ 1.0 \\ 0.0 \end{array}$	1987	nger Trip	s Per Vehicl	
\$8.00 \$4.00 \$2.00 \$0.00 \$0.00 \$0.00 \$0.00 \$5.00 \$4.00 \$3.00 \$2.00	ail Operating Expense Per Vehicle	\$0.70 \$0.60 \$0.50 \$0.40 \$0.20 \$0.10 \$0.00 \$0.00 \$0.00 \$0.35 \$0.30 \$0.25 \$0.20 \$0.15 \$0.10		erating H	Expense 1		$\begin{array}{c} 7.0 \\ 6.0 \\ 5.0 \\ 4.0 \\ 2.0 \\ 1.0 \\ 0.0 \end{array}$	1987	nger Trip	s Per Vehicl	
\$8.00 \$4.00 \$2.00 \$0.00 \$0.00 \$0.00 \$0.00 \$6.00 \$5.00 \$4.00 \$3.00	ail Operating Expense Per Vehicle	\$0.70 \$0.60 \$0.50 \$0.40 \$0.20 \$0.10 \$0.00 \$0.00 \$0.00 \$0.00 \$0.20 \$0.35 \$0.30 \$0.25 \$0.20 \$0.15		erating H	Expense 1		$\begin{array}{c} 7.0 \\ 6.0 \\ 5.0 \\ 4.0 \\ 2.0 \\ 1.0 \\ 0.0 \end{array}$	1987	nger Trip	s Per Vehicl	

Port Authority Trans Hudson Corporation (PATH)

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

Chief Executive Officer: Richard R. Kelly, General Manager

Section 15 ID Number: 2098

General Information (System Wide)

Urbanized Area (UZA) Statistics - 1990 Cer New York, NYNortheastern NJ	nsus
Square Miles	2,967
Population	16,044,012
Population Ranking Out of 405 UZA's	1
Service Area Statistics	
Square Miles	196
Population	2,820,000
Service Consumption	
Annual Unlinked Trips	61,788,585
Annual Passenger Miles	279,928,016
Average Weekday Unlinked Trips	218,455
Average Saturday Unlinked Trips	71,402
Average Sunday Unlinked Trips	46,120
Service Supplied	
Annual Vehicle Revenue Miles	12,695,511
Annual Vehicle Revenue Hours	630,103
Total Fleet	346
Vehicles Operated in Maximum Service	300
Base Period Requirement	142

Vehicles Operated in Maximum Service

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

Sources of Operating Funds		
Passenger Fares		\$56,173,000
Local Assistance		0
State Assistance		0
Federal Assistance		0
Other Revenues		5,753,000
Total Operating Funds	(1990)	\$61,926,000
	(1989)	\$64,250,000
	(1988)	\$63,289,000
Summary of Operating Expenses		
Salaries/Wages/Benefits		\$85,809,000
Materials & Supplies		4,348,000
Purchased Transportation		1,900,000
Other Expenses		36,063,000
Total Operating Expenses	(1990)	\$128,120,000
	(1989)	\$120,224,792
	(1988)	\$115,982,000
Sources of Capital Funds Expended	d	
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
Total Capital Funds Expended	(1990)	\$0
	(1989)	\$0
	(1988)	\$0

Port Authority Trans Hudson Corporation (PATH)

	thority Irans Hudson Corpo	Jution									
Charact	eristics						eavy Rail		Ferry Boat		
nerating	Expense					\$125,704	000	\$2	2,416,000		
	nlinked Trips					60,677			,111,096		
	assenger Miles					278,039			,888,982		
	Veekday Unlinked Trips						,200		4,255		
	ehicle Revenue Hours						,992		6,111		
	ehicle Revenue Miles					12,652			42,744		
otal Flee	deway Directional Route Miles						27.6 342		3.4 4		
	Dperated in Maximum Service						297		4		
	ase Ratio						2.1		N/A		
pare Rat	io					1	5%		33%		
erform	ance Measures										
ervice Ef	ficiency										
	Expense/Vehicle Revenue Hour						1.45		\$395.35		
perating	Expense/Vehicle Revenue Mile					\$	9.93		\$56.52		
Cost Effec						¢.	2.07		¢0.17		
	Expense/Unlinked Passenger Tri Expense/Passenger Mile	р					2.07 0.45		\$2.17 \$1.28		
						ф.	5-15		ψ1.20		
	fectiveness								101.0		
	Passenger Trips/Vehicle Revenue Passenger Trips/Vehicle Revenue						97.2 4.8		181.8 26.0		
	G I /					· · ·					
Heavy R											
	Operating Expense Per Vehicle		Op	erating E	-	Per		Passe	nger Trij	•	ehicle
	Revenue Mile			Passeng	er Mile				Revenu	ie Mile	
\$10.00		\$0.50					7.0 _T				
	0						6.0 +				
\$8.00		\$0.40		0			5.0 +		0		
\$6.00	······	\$0.30	+				4.0				
\$4.00		\$0.20					3.0				
							2.0				
\$2.00		\$0.10					1.0				
* ****		\$0.00	L				0.0				,
\$0.00							0.0				
\$0.00	1987 1988 1989 1990		1987	1988	1989	1990	0.0	1987	1988	1989	1990
			1987	1988	1989	1990		1987	1988	1989	1990
Ferry Be	oat			1988 erating E					1988 		
Ferry Be					Expense l					ps Per V	
Ferry Be	oat Operating Expense Per Vehicle			erating E	Expense l				nger Trij	ps Per V	
Ferry Be	oat Operating Expense Per Vehicle	\$1.40 \$1.20		erating E	Expense l		30.0 25.0		nger Trij	ps Per V	
Ferry Be \$100 \$80	oat Operating Expense Per Vehicle	\$1.40 \$1.20 \$1.00		erating E	Expense l		30.0		nger Trij	ps Per V	
Ferry Be \$100 \$80 \$60	oat Operating Expense Per Vehicle	\$1.40 \$1.20 \$1.00 \$0.80		erating E	Expense l		30.0 25.0		nger Trij	ps Per V	
Ferry Be \$100 \$80 \$60 \$40	oat Operating Expense Per Vehicle	\$1.40 \$1.20 \$1.00		erating E	Expense l		30.0 25.0 20.0		nger Trij	ps Per V	
Ferry Be \$100 \$80 \$60	oat Operating Expense Per Vehicle	\$1.40 \$1.20 \$1.00 \$0.80 \$0.60		erating E	Expense l		30.0 25.0 20.0 15.0 5.0		nger Trij	ps Per V	
Ferry Be \$100 \$80 \$60 \$40	oat Operating Expense Per Vehicle	\$1.40 \$1.20 \$1.00 \$0.80 \$0.60 \$0.40		erating E	Expense l		30.0 25.0 20.0 15.0 10.0		nger Trij	ps Per V	

Southeastern Pennsylvania Transportation Authority (SEPTA)

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

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

(1990)

(1989)

(1988)

Financial Information (System Wide)

Sources of Operating Funds

Passenger Fares

Local Assistance

State Assistance

Other Revenues

Federal Assistance

Total Operating Funds

Materials & Supplies

Purchased Transportation

Summary of Operating Expenses Salaries/Wages/Benefits Section 15 ID Number: 3019

\$268,465,215

64,580,023

243,810,136

18,005,102

9,596,971

\$604,457,447

\$567,890,293

\$560,388,089

\$411,024,248

76,265,696

4,752,619 60,004,281 \$552,046,844 \$511,119,251 \$493,974,168

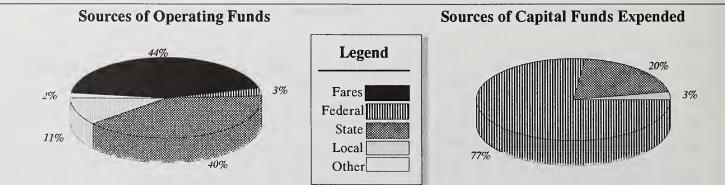
> \$3,936,535 24,660,105

97,047,948 \$125,644,588 \$135,655,231 \$117,739,685

Urbanized Area (UZA) Statistics - 1990 C	ancuc
Philadelphia, PANJ	ensus
Square Miles	1,164
Population	4,222,211
Population Ranking Out of 405 UZA's	4
Other UZA's Served:	68
Service Area Statistics	00
Square Miles	2,174
Population	3,682,709
Topulation	5,002,705
Service Consumption	
Annual Unlinked Trips	355,898,142
Annual Passenger Miles	1,360,496,454
Average Weekday Unlinked Trips	1,191,437
Average Saturday Unlinked Trips	623,951
Average Sunday Unlinked Trips	351,570
Service Supplied	
Annual Vehicle Revenue Miles	70,886,265
Annual Vehicle Revenue Hours	5,751,590
Total Fleet	2,599
Vehicles Operated in Maximum Service	1,982
Base Period Requirement	1,000
Vehicles Operated in Maximum Service	
Directly	Purchased
Operated	Transportation

	Directly	1 ur chiube u
	Operated	Transportation
Motor Bus	1,118	0
Heavy Rail	271	0
Commuter Rail	273	0
Light Rail	182	0
Demand Response	0	77
Trolleybus	61	0

51	Other Expenses		
70	Total Operating Expenses	(1990) —	
		(1989)	
		(1988)	
65			
90	Sources of Capital Funds Expend	ed	
99	Local Assistance		
82	State Assistance		
00	UMTA Sec. 3 Discretionary	\$39,605,246	
	UMTA Sec. 9 Formula	53,234,611	
	UMTA Other Assistance	2,606,748	
ł	Other Federal Assistance	1,601,343	
ion	Federal Assistance Total		
	Total Capital Funds Expended	(1990)	
		(1989)	
		(1988)	



		Moto		Heav	-	Commute		Li
Characteristics		Bu	S	Ra	il	Ra	hil	R
perating Expense		\$204,784,54	2	\$130,177,02	1	\$152,769,81	10	\$48,708,5
nnual Unlinked Trips		181,914,28		91,841,23		25,668,62		43,747,0
nnual Passenger Miles		473,874,79		407,457,39		356,793,73		100,133,0
verage Weekday Unlinked Trips		599,98		314,30		91,70		142,0
nnual Vehicle Revenue Hours		3,389,26		1,017,63		439,28		530,9
nnual Vehicle Revenue Miles		34,819,14		15,929,60		11,713,20		4,755,0
ixed Guideway Directional Route Miles		4.		15,525,00		442		+,755, 12
otal Fleet		4. 1,44		37				12
ehicles Operated in Maximum Service		1,44		27			73	
eak to Base Ratio		1,11		1			.3	
								2
pare Ratio		29%	0	399	0	299	70	Z.
erformance Measures								
ervice Efficiency								
perating Expense/Vehicle Revenue Hour		\$60.4	2	\$127.9	2	\$347.7	77	\$91
perating Expense/Vehicle Revenue Mile		\$5.8	8	\$8.1	7	\$13.0)4	\$10
ost Effectiveness		A A	2	M 1	2	0-------------	5	A
perating Expense/Unlinked Passenger Trip)	\$1.1		\$1.4		\$5.9		\$1
perating Expense/Passenger Mile		\$0.4	3	\$0.3	2	\$0.4	43	\$0
ervice Effectiveness								
nlinked Passenger Trips/Vehicle Revenue I	Hour	53.	7	90.	3	58	4	8
		5.		5.			.2	,
		Operating E Passenge				Passenger T Reve	rips Per ` nue Mile	
Motor Bus Operating Expense Per Vehicle Revenue Mile		Operating E		Per	5.0 -	-	-	
Motor Bus Operating Expense Per Vehicle Revenue Mile	\$0.50	Operating E		Per	6.0 5 0	-	-	
Motor Bus Operating Expense Per Vehicle Revenue Mile		Operating E		Per	5.0 +	-	-	
Motor Bus Operating Expense Per Vehicle Revenue Mile	\$0.50 \$0.40	Operating E		Per		-	-	
Motor Bus Operating Expense Per Vehicle Revenue Mile	\$0.50	Operating E		Per	5.0 +	-	-	
Revenue Mile \$6.00 \$5.00 \$4.00 \$3.00	\$0.50 \$0.40	Operating E		Per	5.0 4.0 3.0	-	-	
Motor Bus Operating Expense Per Vehicle Revenue Mile \$6.00 \$5.00 \$4.00 \$3.00 \$2.00	\$0.50 \$0.40 \$0.30 \$0.20	Operating E		Per	5.0 4.0 3.0 2.0	-	-	
Motor Bus Operating Expense Per Vehicle Revenue Mile \$6.00 \$5.00 \$4.00 \$3.00	\$0.50 \$0.40 \$0.30	Operating E		Per	5.0 4.0 3.0	-	-	
Motor Bus Operating Expense Per Vehicle Revenue Mile	\$0.50 \$0.40 \$0.30 \$0.20	Operating E		Per	5.0 4.0 3.0 2.0	-	-	
Motor Bus Operating Expense Per Vehicle Revenue Mile \$6.00 \$5.00 \$4.00 \$3.00 \$2.00 \$1.00	\$0.50 \$0.40 \$0.30 \$0.20 \$0.10	Operating E		Per	5.0 4.0 3.0 2.0 1.0	-	-	
Motor Bus Operating Expense Per Vehicle Revenue Mile	\$0.50 \$0.40 \$0.30 \$0.20 \$0.10	Operating E Passenge	1989	Per	5.0 4.0 3.0 2.0 1.0	Reve.	nue Mile	1990
Motor Bus Operating Expense Per Vehicle Revenue Mile	\$0.50 \$0.40 \$0.30 \$0.20 \$0.10 \$0.00	Operating E Passenge	1989 xpense	Per	5.0 4.0 3.0 2.0 1.0	Reve 1987 1988 Passenger Tr	nue Mile	1990
Motor Bus Operating Expense Per Vehicle Revenue Mile \$6.00 \$5.00 \$4.00 \$3.00 \$2.00 \$1.00 \$0.00 1987 1988 1989 1990 Heavy Rail Operating Expense Per Vehicle Revenue Mile	\$0.50 \$0.40 \$0.30 \$0.20 \$0.10	Operating E Passenge 1987 1988 Operating E	1989 xpense	Per 1990 Per	5.0 4.0 3.0 2.0 1.0	Reve 1987 1988 Passenger Tr	nue Mile	1990
Motor Bus Operating Expense Per Vehicle Revenue Mile \$6.00 \$5.00 \$4.00 \$3.00 \$2.00 \$1.00 \$0.00 1987 1988 1989 1990 Heavy Rail Operating Expense Per Vehicle Revenue Mile	\$0.50 \$0.40 \$0.30 \$0.20 \$0.10 \$0.00	Operating E Passenge 1987 1988 Operating E	1989 xpense	Per 1990 Per	5.0 - 4.0 - 3.0 - 2.0 - 1.0 - 2.0	Reve 1987 1988 Passenger Tr	nue Mile	1990
Motor Bus Operating Expense Per Vehicle Revenue Mile \$6.00 \$5.00 \$4.00 \$3.00 \$2.00 \$1.00 \$0.00 1987 1988 1989 1990 Heavy Rail Operating Expense Per Vehicle Revenue Mile	\$0.50 \$0.40 \$0.30 \$0.20 \$0.10 \$0.00 \$0.00	Operating E Passenge 1987 1988 Operating E	1989 xpense	Per 1990 Per	5.0 - 4.0 - 2.0 - 1.0 - 0.0 -	Reve 1987 1988 Passenger Tr	nue Mile	1990
Motor Bus Operating Expense Per Vehicle Revenue Mile	\$0.50 \$0.40 \$0.30 \$0.20 \$0.10 \$0.00 \$0.00	Operating E Passenge 1987 1988 Operating E	1989 xpense	Per 1990 Per	5.0 4.0 3.0 2.0 1.0 0.0 -	Reve 1987 1988 Passenger Tr	nue Mile	1990
Motor Bus Operating Expense Per Vehicle Revenue Mile	\$0.50 \$0.40 \$0.30 \$0.20 \$0.10 \$0.00 \$0.00 \$0.25 \$0.30 \$0.25 \$0.20	Operating E Passenge 1987 1988 Operating E	1989 xpense	Per 1990 Per	5.0 4.0 2.0 1.0 0.0 5.0 5.0	Reve 1987 1988 Passenger Tr	nue Mile	1990
Motor Bus Operating Expense Per Vehicle Revenue Mile	\$0.50 \$0.40 \$0.30 \$0.20 \$0.10 \$0.00 \$0.00 \$0.25 \$0.30 \$0.25 \$0.20 \$0.15	Operating E Passenge 1987 1988 Operating E	1989 xpense	Per 1990 Per	5.0 4.0 3.0 2.0 1.0 0.0 5.0 5.0 5.0 5.0	Reve 1987 1988 Passenger Tr	nue Mile	1990
Motor Bus Operating Expense Per Vehicle Revenue Mile \$6.00 \$5.00 \$4.00 \$3.00 \$2.00 \$1.00 \$0.00 1987 1988 1989 1990 Heavy Rail Operating Expense Per Vehicle Revenue Mile \$10.00 \$8.00 \$8.00 \$4.00 \$4.00 \$10.00 \$8.00 \$4.00 \$4.00 \$4.00 \$1.00 \$4.00	\$0.50 \$0.40 \$0.30 \$0.20 \$0.10 \$0.00 \$0.00 \$0.25 \$0.30 \$0.25 \$0.20	Operating E Passenge 1987 1988 Operating E	1989 xpense	Per 1990 Per	5.0 4.0 2.0 1.0 0.0 5.0 5.0	Reve 1987 1988 Passenger Tr	nue Mile	1990
Motor Bus Operating Expense Per Vehicle Revenue Mile \$6.00 \$4.00 \$3.00 \$2.00 \$1.00 \$0.00 1987 1988 1989 1990 Heavy Rail Operating Expense Per Vehicle Revenue Mile \$10.00 \$8.00 \$8.00 \$6.00	\$0.50 \$0.40 \$0.30 \$0.20 \$0.10 \$0.00 \$0.00 \$0.25 \$0.30 \$0.25 \$0.20 \$0.15	Operating E Passenge 1987 1988 Operating E	1989 xpense	Per 1990 Per	5.0 4.0 3.0 2.0 1.0 0.0 5.0 5.0 5.0 5.0	Reve 1987 1988 Passenger Tr	nue Mile	1990

Pittsburgh Port Authority of Allegheny County (PAT)

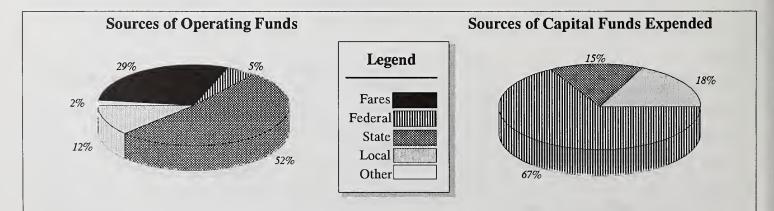
2235 Beaver Avenue Pittsburgh, PA 15233 (412)237-7080 Chief Executive Officer: William W. Millar, Executive Director

Section 15 ID Number: 3022

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

General Information (System Wide)

Urbanized Area (UZA)	Statistics - 1990 (Census	Sources of Operating Funds		
Pittsburgh, PA			Passenger Fares		\$53,262,510
Square Miles		778	Local Assistance		19,358,927
Population		1,678,745	State Assistance		94,950,761
Population Ranking	Out of 405 UZA's	20	Federal Assistance		9,426,968
			Other Revenues		3,968,028
Service Area Statistics			Total Operating Funds	(1990)	\$180,967,194
Square Miles		775		(1989)	\$157,321,221
Population		1,523,198		(1988)	\$154,408,031
Service Consumption			Summary of Operating Expenses		
Annual Unlinked Trip	S	88,727,806	Salaries/Wages/Benefits		\$129,630,215
Annual Passenger Mil	es	411,281,608	Materials & Supplies		20,995,122
Average Weekday Un	linked Trips	299,892	Purchased Transportation		17,911,041 *
Average Saturday Unl	inked Trips	157,750	Other Expenses		-757,635
Average Sunday Unlin	nked Trips	72,238	Total Operating Expenses	(1990)	\$167,778,743
				(1989)	\$158,497,104
Service Supplied				(1988)	\$155,678,520
Annual Vehicle Reven	nue Miles	41,439,347			
Annual Vehicle Rever	nue Hours	3,157,636	Sources of Capital Funds Expende	ed	
Total Fleet		1,421	Local Assistance		\$3,092,156
Vehicles Operated in	Maximum Service	1,261	State Assistance		2,535,318
Base Period Requiren	nent	737	UMTA Sec. 3 Discretionary	\$4,794,658	
			UMTA Sec. 9 Formula	6,437,792	
Vehicles Operated in M	aximum Service		UMTA Other Assistance	0	
	Directly	Purchased	Other Federal Assistance	872	
	Operated	Transportation	Federal Assistance Total	-	11,233,322
Motor Bus	779	0	Total Capital Funds Expended	(1990)	\$16,860,796
Demand Response	0	433		(1989)	\$21,517,823
Light Rail	45	0		(1988)	\$27,861,263
Inclined Plane	2	2			



ittsburgh Port Authority of Al	legheny Cou				
haracteristics		Motor Bus	Light Rail	Demand Response	Incline Plai
The second s		\$125 (9(250			
perating Expense		\$125,686,250	\$23,903,979	\$17,601,351	\$587,10
nnual Unlinked Trips		75,297,743	9,890,037	2,009,050	1,530,9
nnual Passenger Miles		346,428,510	54,368,675	10,286,336	198,0
verage Weekday Unlinked Trips		255,395	33,818	6,815	3,8
nnual Vehicle Revenue Hours		2,111,506	155,420	880,179	10,5
nnual Vehicle Revenue Miles		27,246,007	2,119,768	12,025,276	48,2
xed Guideway Directional Route Mile	es	43.2	60.4	0.0	(
otal Fleet		897	71	449	
ehicles Operated in Maximum Service	2	779	45	433	
eak to Base Ratio		2.0	2.1	N/A	
are Ratio		15%	58%	4%	0
erformance Measures					
rvice Efficiency					
perating Expense/Vehicle Revenue H	Iour	\$59.52	\$153.80	\$20.00	\$55.
perating Expense/Vehicle Revenue N		\$4.61	\$11.28	\$1.46	\$12.
		01.01	ψ11.20	\$1.10	Ψ12.
ost Effectiveness	m ·	фа <i>с</i> л	¢0.40	40 7 7	\$ 2
perating Expense/Unlinked Passenge	rTrip	\$1.67	\$2.42	\$8.76	\$0.
perating Expense/Passenger Mile		\$0.36	\$0.44	\$1.71	\$2.
rvice Effectiveness					
nlinked Passenger Trips/Vehicle Rev	enue Hour	35.7	63.6	2.3	14
nlinked Passenger Trips/Vehicle Rev	enue Mile	2.8	4.7	0.2	3
Motor Bus Operating Expense Per Vehi Revenue Mile	cle	Operating Expens Passenger Mi		Passenger Trips Per Revenue Mi	
Operating Expense Per Vehi Revenue Mile	cle				
Operating Expense Per Vehi Revenue Mile	\$0.40		le		
Operating Expense Per Vehi Revenue Mile	\$0.40 \$0.35 \$0.30		3.0 2.5		
Operating Expense Per Vehi Revenue Mile \$5.00 \$4.00	\$0.40 \$0.35 \$0.30 \$0.25		le 3.0 2.5 2.0		
Operating Expense Per Vehi Revenue Mile \$5.00 \$4.00 \$3.00	\$0.40 \$0.35 \$0.30 \$0.25 \$0.20		3.0 2.5		
Operating Expense Per Vehi Revenue Mile \$5.00 \$4.00 \$3.00	\$0.40 \$0.35 \$0.30 \$0.25 \$0.20 \$0.15		le 3.0 2.5 2.0 1.5		
Operating Expense Per Vehi Revenue Mile 55.00 54.00 53.00 52.00	\$0.40 \$0.35 \$0.30 \$0.25 \$0.20 \$0.15 \$0.10		3.0 2.5 2.0 1.5 1.0		
Operating Expense Per Vehi Revenue Mile 55.00 54.00 53.00 52.00 51.00	\$0.40 \$0.35 \$0.30 \$0.25 \$0.20 \$0.15 \$0.10 \$0.05		le 3.0 2.5 2.0 1.5 1.0 0.5		
Operating Expense Per Vehi Revenue Mile \$5.00 \$4.00 \$3.00 \$2.00 \$1.00 \$0.00	\$0.40 \$0.35 \$0.30 \$0.25 \$0.20 \$0.15 \$0.10 \$0.05 \$0.00	Passenger Mi	le 3.0 2.5 2.0 1.5 1.0 0.5 0.0	Revenue Mi	le
Operating Expense Per Vehi Revenue Mile \$5.00 \$4.00 \$3.00 \$2.00 \$1.00	\$0.40 \$0.35 \$0.30 \$0.25 \$0.20 \$0.15 \$0.10 \$0.05 \$0.00		le 3.0 2.5 2.0 1.5 1.0 0.5 0.0		le
Operating Expense Per Vehi Revenue Mile \$5.00 \$4.00 \$3.00 \$2.00 \$1.00 \$0.00 1987 1988 1989 199	\$0.40 \$0.35 \$0.30 \$0.25 \$0.20 \$0.15 \$0.10 \$0.05 \$0.00	Passenger Mi	le 3.0 2.5 2.0 1.5 1.0 0.5 0.0	Revenue Mi	le
Operating Expense Per Vehi Revenue Mile	\$0.40 \$0.35 \$0.30 \$0.25 \$0.20 \$0.15 \$0.10 \$0.05 \$0.00 90	Passenger Mi	le 3.0 2.5 2.0 1.5 1.0 0.5 0.0 9 1990 se Per	Revenue Mi	le
Operating Expense Per Vehi Revenue Mile 55.00 54.00 53.00 52.00 51.00 50.00 1987 1988 1989 199 Light Rail	\$0.40 \$0.35 \$0.30 \$0.25 \$0.20 \$0.15 \$0.10 \$0.05 \$0.00 90	Passenger Mi	le 3.0 2.5 2.0 1.5 1.0 0.5 0.0 9 1990 se Per	Revenue Mi	le
Operating Expense Per Vehi Revenue Mile	\$0.40 \$0.35 \$0.30 \$0.25 \$0.20 \$0.15 \$0.10 \$0.05 \$0.00 90	Passenger Mi	le 3.0 2.5 2.0 1.5 1.0 0.5 0.0 5 9 1990 se Per le	Revenue Mi	le
Operating Expense Per Vehi Revenue Mile	\$0.40 \$0.35 \$0.30 \$0.25 \$0.20 \$0.15 \$0.10 \$0.05 \$0.00 90 icle \$0.80	Passenger Mi	le 3.0 2.5 2.0 1.5 1.0 0.5 0.0 9 1990 se Per le 5.0	Revenue Mi	le
Operating Expense Per Vehi Revenue Mile	\$0.40 \$0.35 \$0.30 \$0.25 \$0.20 \$0.15 \$0.10 \$0.05 \$0.00 90 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.25	Passenger Mi	le 3.0 2.5 2.0 1.5 1.0 0.5 0.0 5 9 1990 se Per le	Revenue Mi	le
Operating Expense Per Vehi Revenue Mile 55.00 54.00 53.00 52.00 51.00 50.00 1987 1988 1989 199 Light Rail Operating Expense Per Veh Revenue Mile 516.00 512.00	\$0.40 \$0.35 \$0.30 \$0.25 \$0.20 \$0.15 \$0.10 \$0.05 \$0.00 90 icle \$0.80 \$0.70 \$0.60	Passenger Mi	$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	Revenue Mi	le
Operating Expense Per Vehi Revenue Mile 55.00 54.00 53.00 52.00 51.00 50.00 1987 1988 1989 199 Light Rail Operating Expense Per Veh Revenue Mile 516.00 514.00 514.00 512.00	\$0.40 \$0.35 \$0.30 \$0.25 \$0.20 \$0.15 \$0.10 \$0.05 \$0.00 90 icle \$0.80 \$0.70 \$0.60 \$0.50	Passenger Mi	le 3.0 2.5 2.0 1.5 1.0 0.5 0.0 9 1990 se Per le 5.0	Revenue Mi	le 19 1990 Vehicle
Operating Expense Per Vehi Revenue Mile \$5.00 \$4.00 \$3.00 \$2.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.987 1988 1989 199 Light Rail Operating Expense Per Veh Revenue Mile \$16.00 \$12.00 \$10.00 \$1.000 \$1	\$0.40 \$0.35 \$0.30 \$0.25 \$0.20 \$0.15 \$0.10 \$0.05 \$0.00 90 icle \$0.80 \$0.70 \$0.60 \$0.50 \$0.40	Passenger Mi	$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	Revenue Mi	le
Operating Expense Per Vehi Revenue Mile \$5.00 \$4.00 \$3.00 \$2.00 \$1.00 \$0.00 1987 1988 1989 199 Light Rail Operating Expense Per Veh Revenue Mile \$16.00 \$12.00 \$1.00 \$2.00 \$1.00 \$2.00 \$2.00 \$1.00 \$2.00	\$0.40 \$0.35 \$0.30 \$0.25 \$0.20 \$0.15 \$0.10 \$0.05 \$0.00 90 icle \$0.80 \$0.70 \$0.60 \$0.50 \$0.40 \$0.30	Passenger Mi	$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	Revenue Mi	le
Operating Expense Per Vehi Revenue Mile \$5.00 \$4.00 \$3.00 \$2.00 \$1.00 \$0.00 1987 1988 1989 199 Light Rail Operating Expense Per Veh Revenue Mile \$16.00 \$12.00 \$14.00 \$14.00 \$14.00 \$4.00	\$0.40 \$0.35 \$0.30 \$0.25 \$0.20 \$0.15 \$0.10 \$0.05 \$0.00 90 icle \$0.80 \$0.70 \$0.60 \$0.50 \$0.40 \$0.30 \$0.20	Passenger Mi	$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	Revenue Mi	le
Revenue Mile \$5.00 \$4.00 \$3.00 \$2.00 \$1.00 \$0.00 1987 1988 1989 199 Light Rail Operating Expense Per Veh Revenue Mile \$16.00 \$14.00 \$12.00 \$14.00 \$2.00 \$14.00 \$2.00 \$14.00 \$2.00 \$14.00 \$2.00 \$14.00 \$2.00	\$0.40 \$0.35 \$0.30 \$0.25 \$0.20 \$0.15 \$0.10 \$0.05 \$0.00 90 icle \$0.80 \$0.70 \$0.60 \$0.50 \$0.40 \$0.30 \$0.20 \$0.10	Passenger Mi	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	Revenue Mi	le
Operating Expense Per Vehi Revenue Mile \$5.00 \$4.00 \$3.00 \$2.00 \$1.00 \$0.00 1987 1988 1989 199 Light Rail Operating Expense Per Veh Revenue Mile \$16.00 \$12.00 \$14.00 \$14.00 \$14.00 \$4.00	\$0.40 \$0.35 \$0.30 \$0.25 \$0.20 \$0.15 \$0.10 \$0.05 \$0.00 90 icle \$0.80 \$0.70 \$0.60 \$0.50 \$0.40 \$0.30 \$0.20 \$0.10 \$0.20	Passenger Mi	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	Revenue Mi	le 0 19 1990 Vehicle e

Source: 1990 Section 15 Annual Report

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

4012 S.E. 17th Avenue Portland, OR 97202 (503)239-6425 Chief Executive Officer: Tom Walsh, General Manager

Section 15 ID Number: 0008

Purchased Transportation Providers: Portland-Tri-Met Contract Services- Special Mobility Services, Inc. (0037)

388

29

592

988,284

54,832,029 192,650,813

186,879

80,219

54,059

22,082,448

1,419,082 695

Purchased

Transportation

6

0

132

587

368

1,172,158

General Information (System Wide)

Urbanized Area (UZA) Statistics - 1990 Census

Population Ranking Out of 405 UZA's

Portland--Vancouver, OR--WA

Square Miles

Service Area Statistics

Service Consumption Annual Unlinked Trips

Annual Passenger Miles

Average Weekday Unlinked Trips

Average Saturday Unlinked Trips

Average Sunday Unlinked Trips

Annual Vehicle Revenue Miles

Annual Vehicle Revenue Hours

Base Period Requirement

Vehicles Operated in Maximum Service

Vehicles Operated in Maximum Service

Directly

Operated

426

0

23

Square Miles Population

Service Supplied

Total Fleet

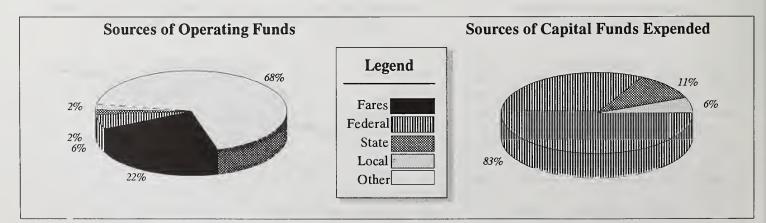
Motor Bus

Light Rail

Demand Response

Population

Sources of Operating Funds			
Passenger Fares		\$23,510,851	
Local Assistance		2,427,721	
State Assistance		1,800,445	
Federal Assistance		5,839,088	
Other Revenues		71,908,594	
Total Operating Funds	(1990)	\$105,486,699	
	(1989)	\$93,885,957	
	(1988)	\$86,266,194	
Summary of Operating Expenses			
Salaries/Wages/Benefits		\$65,980,164	
Materials & Supplies		10,899,549	
Purchased Transportation		3,053,109 *	1
Other Expenses		9,002,037	
Total Operating Expenses	(1990)	\$88,934,859	
	(1989)	\$82,505,585	
	(1988)	\$77,005,741	
Sources of Capital Funds Expende	ed		
Local Assistance		\$1,136,383	
State Assistance		2,200,800	
UMTA Sec. 3 Discretionary	\$5,219,916		
UMTA Sec. 9 Formula	10,972,509		
UMTA Other Assistance	27,358		
Other Federal Assistance	46,745		
Federal Assistance Total		16,266,528	
Total Capital Funds Expended	(1990)	\$19,603,711	
	(1989)	\$21,090,057	
	(1988)	\$10,390,241	



	nu m-coun	iy menu	politan '	rranspo	ativil	DISUI		<u> </u>	l fi-ivit lotor)	Light		Dema
Charac	cteristics							14.	Bus		Rail		Respon
Ineratir	ng Expense							\$75,99	1 260	¢	1 <u>220 036</u>		\$3,723,5
	Unlinked Trips							مرة مرة من 47,83	,		9,220,036 5,414,290		\$3,723,3 586,3
	Passenger Miles	c						151,26	-		3,414,290 3,270,941		3,113,8
	Weekday Unli		c						5,207	J	19,450		2,2
	nual Vehicle Revenue Hours								5,674		68,144		205,2
	Vehicle Revenu							18,53			1,332,823		2,210,5
	uideway Directi		e Miles					10,55	1.1		30.2		2,210,2
otal Fle	-	ionui itoui	te mines						528		26		1
	Operated in M	faximum S	Service						432		23		1
	Base Ratio								1.7		2.1		N
pare Ra									22%		13%		-
-	mance Meas	ures											
ervice E	Efficiency												
-	ng Expense/Vel								66.33		\$135.30		\$18
peratin	ng Expense/Vel	hicle Reve	enue Mile						\$4.10		\$6.92		\$1
	ectiveness	linked D	non and T	n					\$1.50		¢1 44		¢¢
-	ng Expense/Un ng Expense/Pas		-	ıp					\$1.59 \$0.50		\$1.44 \$0.24		\$6 \$1
peratin	ig Expense/ras	senger m	ne						\$0.50		\$U.24		ΦI
	Effectiveness												
	d Passenger Tri								41.8		94.1		
nlinked	d Passenger Tri	ps/Vehicl	e Revenue	e Mile					2.6		4.8		
	Operating Ex	pense Per enue Mile			Op	erating I Passeng	Expense ger Mile			Passe	nger Trij Revenu	-	ehicle
Motor	Operating Ex	-		\$0.50	Op	-	-		3.0	Passe		-	ehicle
Motor \$5.00	Operating Ex	-			Op	-	-			Passe		-	ehicle
Motor \$5.00 \$4.00	Operating Ex	-		\$0.40	Op	-	-		2.5 -	Passe		-	ehicle
Motor \$5.00 \$4.00	Operating Ex	-			Op	-	-		2.5 - 2.0 -	Passe		-	ehicle
Motor \$5.00 \$4.00 \$3.00	Operating Ex	-		\$0.40 \$0.30	Op	-	-		2.5 - 2.0 - 1.5 -	Passe		-	ehicle
Motor \$5.00 \$4.00 \$3.00 \$2.00	Operating Ex	-		\$0.40 \$0.30 \$0.20	Op	-	-		2.5 - 2.0 -	Passe		-	ehicle
Motor \$5.00 \$4.00 \$3.00 \$2.00	Operating Ex	-		\$0.40 \$0.30	Ор	-	-		2.5 - 2.0 - 1.5 -	Passe		-	ehicle
Motor \$5.00 \$4.00 \$3.00 \$2.00 \$1.00	Operating Ex	-		\$0.40 \$0.30 \$0.20 \$0.10	Op	-	-		2.5 - 2.0 - 1.5 - 1.0 - 0.5 -	Passe		-	ehicle
Motor \$5.00 \$4.00 \$3.00 \$2.00 \$1.00	Operating Ex	enue Mile		\$0.40 \$0.30 \$0.20	Op	-	-		2.5 - 2.0 - 1.5 - 1.0 -	Passe		-	ehicle
Motor \$5.00 \$4.00 \$3.00 \$2.00 \$1.00 \$0.00	Operating Ex Reve	enue Mile		\$0.40 \$0.30 \$0.20 \$0.10	0	Passeng	ger Mile		2.5 - 2.0 - 1.5 - 1.0 - 0.5 -		Revent	ie Mile	0
Motor \$5.00 \$4.00 \$3.00 \$2.00 \$1.00 \$0.00	Operating Ex Reve	enue Mile 3 1989	1990	\$0.40 \$0.30 \$0.20 \$0.10	1987	Passeng	1989 Expense	1990	2.5 - 2.0 - 1.5 - 1.0 - 0.5 -	1987	Revent	1989 os Per Ve	1990
Motor \$5.00 \$4.00 \$3.00 \$2.00 \$1.00 \$0.00 Light F	Operating Ex Reve	enue Mile 8 1989 xpense Per	1990	\$0.40 \$0.30 \$0.20 \$0.10 \$0.00	1987	Passeng 1988 erating E	1989 Expense	1990	2.5 - 2.0 - 1.5 - 0.5 - 0.0 -	1987	Revenu 1988	1989 os Per Ve	1990
Motor \$5.00 \$4.00 \$3.00 \$2.00 \$1.00 \$0.00 Light F \$7.00	Operating Ex Reve	enue Mile 8 1989 xpense Per	1990	\$0.40 \$0.30 \$0.20 \$0.10	1987	Passeng 1988 erating E	1989 Expense	1990	2.5 - 2.0 - 1.5 - 1.0 - 0.5 -	1987	Revenu 1988	1989 os Per Ve	1990
Motor \$5.00 \$4.00 \$3.00 \$2.00 \$1.00 \$0.00 Light F \$7.00 \$6.00	Operating Ex Reve	enue Mile 8 1989 xpense Per	1990	\$0.40 \$0.30 \$0.20 \$0.10 \$0.00	1987	Passeng 1988 erating E	1989 Expense	1990	2.5 - 2.0 - 1.5 - 0.5 - 0.0 -	1987	Revenu 1988	1989 os Per Ve	1990
Motor \$5.00 \$4.00 \$3.00 \$2.00 \$1.00 \$0.00 Light F \$7.00 \$6.00 \$5.00	Operating Ex Reve	enue Mile 8 1989 xpense Per	1990	\$0.40 \$0.30 \$0.20 \$0.10 \$0.00 \$0.00 \$0.25 \$0.25	1987	Passeng 1988 erating E	1989 Expense	1990	2.5 - 2.0 - 1.5 - 1.0 - 0.5 - 0.0 -	1987	Revenu 1988	1989 os Per Ve	1990
Motor \$5.00 \$4.00 \$3.00 \$2.00 \$1.00 \$0.00 Light F \$7.00 \$6.00 \$5.00	Operating Ex Reve	enue Mile 8 1989 xpense Per	1990	\$0.40 \$0.30 \$0.20 \$0.10 \$0.00	1987	Passeng 1988 erating E	1989 Expense	1990	2.5 - 2.0 - 1.5 - 0.5 - 0.0 -	1987	Revenu 1988	1989 os Per Ve	1990
Motor \$5.00 \$4.00 \$2.00 \$1.00 \$0.00 \$0.00 \$0.00 \$5.00 \$5.00 \$4.00	Operating Ex Reve	enue Mile 8 1989 xpense Per	1990	\$0.40 \$0.30 \$0.20 \$0.10 \$0.00 \$0.00 \$0.25 \$0.25 \$0.20 \$0.15	1987	Passeng 1988 erating E	1989 Expense	1990	2.5 - 2.0 - 1.5 - 1.0 - 0.5 - 0.0 -	1987	Revenu 1988	1989 os Per Ve	1990
Motor \$5.00 \$4.00 \$3.00 \$1.00 \$0.00 \$0.00 Light F \$7.00 \$6.00 \$5.00 \$4.00 \$3.00	Operating Ex Reve	enue Mile 8 1989 xpense Per	1990	\$0.40 \$0.30 \$0.20 \$0.10 \$0.00 \$0.00 \$0.25 \$0.20 \$0.15 \$0.10	1987	Passeng 1988 erating E	1989 Expense	1990	2.5 - 2.0 - 1.5 - 1.0 - 0.5 - 0.0 - 5.0 - 4.0 - 3.0 - 2.0 -	1987	Revenu 1988	1989 os Per Ve	1990
Motor \$5.00 \$4.00 \$2.00 \$1.00 \$0.00 \$0.00 \$0.00 \$5.00 \$5.00 \$4.00 \$3.00 \$2.00	Operating Ex Reve	enue Mile 8 1989 xpense Per	1990	\$0.40 \$0.30 \$0.20 \$0.10 \$0.00 \$0.00 \$0.25 \$0.25 \$0.20 \$0.15	1987	Passeng 1988 erating E	1989 Expense	1990	2.5 - 2.0 - 1.5 - 1.0 - 0.5 - 0.0 -	1987	Revenu 1988	1989 os Per Ve	1990
Motor \$5.00 \$4.00 \$3.00 \$1.00 \$0.00 \$0.00 Light F \$7.00 \$6.00 \$5.00 \$4.00 \$3.00	Operating Ex Reve	enue Mile 8 1989 xpense Per	1990	\$0.40 \$0.30 \$0.20 \$0.10 \$0.00 \$0.00 \$0.25 \$0.20 \$0.15 \$0.10	1987	Passeng 1988 erating E	1989 Expense	1990	2.5 - 2.0 - 1.5 - 1.0 - 0.5 - 0.0 - 5.0 - 4.0 - 3.0 - 2.0 -	1987	Revenu 1988	1989 os Per Ve	1990

Alameda-Contra Costa Transit District (AC Transit)

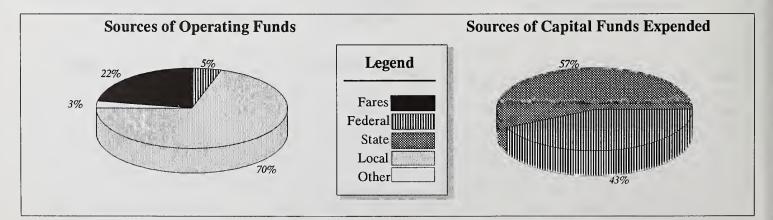
1600 Franklin Street Oakland, CA 94612 (415)891-7255 Chief Executive Officer: Sharon D. Banks, General Manager

Section 15 ID Number: 9014

General Information (System Wide)

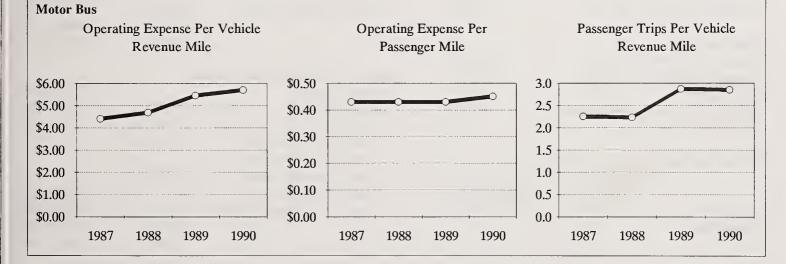
Urbanized Area (UZA) Statistics - 1990	Census	Sources of Operation
San FranciscoOakland, CA	874	Passenger Fares Local Assistance
Square Miles		State Assistance
Population Resulting Daubing Out of 405 UZA	3,629,516	
Population Ranking Out of 405 UZA	's 6	Federal Assistan
		Other Revenues
Service Area Statistics	2.11	Total Operating
Square Miles	241	
Population	1,086,254	
Service Consumption		Summary of Opera
Annual Unlinked Trips	62,161,666	Salaries/Wages/
Annual Passenger Miles	274,623,149	Materials & Sup
Average Weekday Unlinked Trips	193,529	Purchased Trans
Average Saturday Unlinked Trips	153,351	Other Expenses
Average Sunday Unlinked Trips	86,624	Total Operating
Service Supplied		
Annual Vehicle Revenue Miles	21,785,534	
Annual Vehicle Revenue Hours	1,700,160	Sources of Capital
Total Fleet	790	Local Assistance
Vehicles Operated in Maximum Service		State Assistance
Base Period Requirement	290	UMTA Sec. 3 I
base renou Requirement	250	UMTA Sec. 9 F
Vehicles Operated in Maximum Service		UMTA Other A
Directly	Purchased	Other Federal
		Federal Assistan
Operated (22	Transportation	
Motor Bus 603	4	Total Capital Fu

Sources of Operating Funds		
Passenger Fares		\$28,546,395
Local Assistance		88,755,164
State Assistance		237,079
Federal Assistance		6,861,697
Other Revenues		3,253,914
Total Operating Funds	(1990)	\$127,654,249
	(1989)	\$120,191,137
	(1988)	\$122,995,098
Summary of Operating Expenses		
Salaries/Wages/Benefits		\$94,246,499
Materials & Supplies		16,734,853
Purchased Transportation		458,252
Other Expenses		12,703,384
Total Operating Expenses	(1990)	\$124,142,988
	(1989)	\$119,877,911
	(1988)	\$119,858,312
Sources of Capital Funds Expende	d	
Local Assistance		\$0
State Assistance		2,604,761
UMTA Sec. 3 Discretionary	\$0	
UMTA Sec. 9 Formula	1,869,853	
UMTA Other Assistance	87,406	
Other Federal Assistance	0	
Federal Assistance Total		1,957,259
Total Capital Funds Expended	(1990)	\$4,562,020
	(1989)	\$34,581,126
	(1988)	\$16,135,623



Alameda-Contra Costa Transit District (AC Transit)

Alameua-Contra Costa Hansit District (AC Hansit)		
	Motor	
Characteristics	Bus	
Operating Expense	\$124,142,988	
Annual Unlinked Trips	62,161,666	
Annual Passenger Miles	274,623,149	
Average Weekday Unlinked Trips	193,529	
Annual Vehicle Revenue Hours	1,700,160	
Annual Vehicle Revenue Miles	21,785,534	
Fixed Guideway Directional Route Miles	1.1	
Total Fleet	790	
Vehicles Operated in Maximum Service	607	
Peak to Base Ratio	2.1	
Spare Ratio	30%	
Performance Measures		
Service Efficiency		
Operating Expense/Vehicle Revenue Hour	\$73.02	
Operating Expense/Vehicle Revenue Mile	\$5.70	
Cost Effectiveness		
Operating Expense/Unlinked Passenger Trip	\$2.00	
Operating Expense/Passenger Mile	\$0.45	
operating Expense/1 assenger mine	Ψ.τ.5	
Service Effectiveness		
Unlinked Passenger Trips/Vehicle Revenue Hour	36.6	
Unlinked Passenger Trips/Vehicle Revenue Mile	2.9	



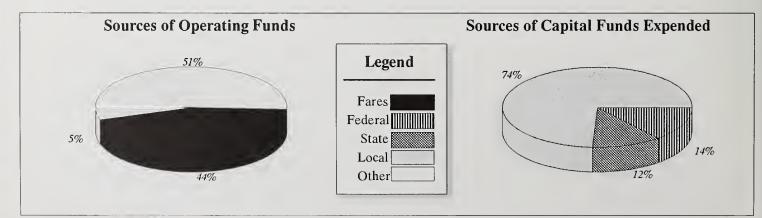
Bay Area Rapid Transit District (BART)

P.O. Box 12688, 800 Madison Street Oakland, CA 94604 (415)464-6929 Chief Executive Officer: Frank J. Wilson, General Manager

Financial Information (System Wide)

Section 15 ID Number: 9003

Urbanized Area (UZA) Statistics - 19	90 Census	Sources of Operating Funds		
San FranciscoOakland, CA		Passenger Fares		\$98,611,992
Square Miles	874	Local Assistance		10,195,023
Population	3,629,516	State Assistance		0
Population Ranking Out of 405 UZ	A's 6	Federal Assistance		0
		Other Revenues		113,183,922
Service Area Statistics		Total Operating Funds	(1990)	\$221,990,937
Square Miles	964		(1989)	\$168,133,340
Population	2,415,397		(1988)	\$184,298,338
Service Consumption		Summary of Operating Expenses	-	
Annual Unlinked Trips	76,704,653	Salaries/Wages/Benefits		\$139,155,691
Annual Passenger Miles	910,502,679	Materials & Supplies		9,829,744
Average Weekday Unlinked Trips	261,328	Purchased Transportation		6,146,687
Average Saturday Unlinked Trips	116,753	Other Expenses		37,850,734
Average Sunday Unlinked Trips	71,374	Total Operating Expenses	(1990)	\$192,982,856
			(1989)	\$168,113,340
Service Supplied			(1988)	\$167,774,811
Annual Vehicle Revenue Miles	42,779,531			
Annual Vehicle Revenue Hours	1,525,267	Sources of Capital Funds Expend	led	
Total Fleet	612	Local Assistance		\$114,369,891
Vehicles Operated in Maximum Serv	vice 422	State Assistance		18,200,260
Base Period Requirement	191	UMTA Sec. 3 Discretionary	\$15,295,958	
		UMTA Sec. 9 Formula	7,071,926	
Vehicles Operated in Maximum Service	ce	UMTA Other Assistance	0	
Directly	Purchased	Other Federal Assistance	73,959	
Operated	Transportation	Federal Assistance Total		22,441,843
Motor Bus 0	34	Total Capital Funds Expended	(1990)	\$155,011,994
Heavy Rail 388	0		(1989)	\$176,489,991
			(1988)	\$166,934,637



Bay Area Rapid Transit District (BART)

Characteristics					M	lotor Bus		Heavy Rail		
Dperating Expense					\$6,14	6 687	\$18	6,836,169		
nnual Unlinked Trips						2,917		4,761,736		
nnual Passenger Miles					19,273			1,228,943		
verage Weekday Unlinked Trips						6,528		254,800)	
nnual Vehicle Revenue Hours						0,570		1,404,697		
nnual Vehicle Revenue Miles					2,45	1,569	4	0,327,962		
ixed Guideway Directional Route Miles						0.0		142.0		
otal Fleet ehicles Operated in Maximum Service						45 34		567 388		
eak to Base Ratio						54 1.9		2.2		
pare Ratio						32%		46%		
Performance Measures										
Service Efficiency										
Operating Expense/Vehicle Revenue Hour					\$	50.98		\$133.01		
Operating Expense/Vehicle Revenue Mile						\$2.51		\$4.63		
Cost Effectiveness										
Operating Expense/Unlinked Passenger Tri	ip					\$3.16		\$2.50		
Operating Expense/Passenger Mile					5	\$0.32		\$0.21		
Service Effectiveness										
Julinked Passenger Trips/Vehicle Revenue						16.1		53.2		
Jnlinked Passenger Trips/Vehicle Revenue	e Mile					0.8		1.9		
			D	3 4 1 1				-	3 611	
Revenue Mile	\$0.35		Passeng	er Mile		0.8		Revenu	ue Mile	
\$3.00	\$0.35 \$0.30		Passeng	ger Mile	0	0.8 0.7		Revenu	ue Mile	
\$3.00 \$2.50	\$0.30		Passeng	er Mile	0	0.7 0.6		Revent	ue Mile	~
\$3.00 \$2.50 \$2.00	\$0.30 \$0.25		Passeng	er Mile	0	0.7 0.6 0.5		Revenu	ue Mile	~
\$3.00 \$2.50	\$0.30 \$0.25 \$0.20		Passeng	er Mile	0	0.7 0.6 0.5 0.4		Revent	ue Mile	~
\$3.00 \$2.50 \$2.00	\$0.30 \$0.25 \$0.20 \$0.15		Passeng	er Mile	0	0.7 0.6 0.5 0.4 0.3		Revent	ue Mile	~
\$3.00 \$2.50 \$2.00 \$1.50	\$0.30 \$0.25 \$0.20 \$0.15 \$0.10		Passeng	er Mile	0	0.7 0.6 0.5 0.4 0.3 0.2		Revent	ue Mile	
\$3.00 \$2.50 \$2.00 \$1.50 \$1.00	\$0.30 \$0.25 \$0.20 \$0.15		Passeng	er Mile	0	0.7 0.6 0.5 0.4 0.3		Revent	ue Mile	~
\$3.00 \$2.50 \$2.00 \$1.50 \$1.00 \$0.50	\$0.30 \$0.25 \$0.20 \$0.15 \$0.10 \$0.05	1987	Passeng 1988	er Mile	0	0.7 0.6 0.5 0.4 0.3 0.2 0.1	1987	Revenu 	ue Mile	199
\$3.00 \$2.50 \$2.00 \$1.50 \$1.00 \$0.50 \$0.00	\$0.30 \$0.25 \$0.20 \$0.15 \$0.10 \$0.05					0.7 0.6 0.5 0.4 0.3 0.2 0.1	1987	•		199
\$3.00 \$2.50 \$2.00 \$1.50 \$1.50 \$0.50 \$0.50 \$0.00 1987 1988 1989 1990 Heavy Rail	\$0.30 \$0.25 \$0.20 \$0.15 \$0.10 \$0.05	1987	1988	1989	1990	0.7 0.6 0.5 0.4 0.3 0.2 0.1		1988	1989	
\$3.00 \$2.50 \$2.00 \$1.50 \$1.00 \$0.50 \$0.00 1987 1988 1989 1990 Heavy Rail Operating Expense Per Vehicle	\$0.30 \$0.25 \$0.20 \$0.15 \$0.10 \$0.05	1987 Ope	1988 erating E	1989 Expense	1990	0.7 0.6 0.5 0.4 0.3 0.2 0.1		•	1989 55 Per Ve	
\$3.00 \$2.50 \$2.00 \$1.50 \$1.50 \$0.50 \$0.50 \$0.00 1987 1988 1989 1990 Heavy Rail	\$0.30 \$0.25 \$0.20 \$0.15 \$0.10 \$0.05	1987 Ope	1988	1989 Expense	1990	0.7 0.6 0.5 0.4 0.3 0.2 0.1		1988 nger Trip	1989 55 Per Ve	
\$3.00 \$2.50 \$2.00 \$1.50 \$1.00 \$0.50 \$0.00 1987 1988 1989 1990 Heavy Rail Operating Expense Per Vehicle	\$0.30 \$0.25 \$0.20 \$0.15 \$0.10 \$0.05	1987 Ope	1988 erating E	1989 Expense	1990	0.7 0.6 0.5 0.4 0.3 0.2 0.1		1988 nger Trip	1989 55 Per Ve	
\$3.00 \$2.50 \$2.00 \$1.50 \$1.00 \$0.50 \$0.00 1987 1988 1989 1990 Heavy Rail Operating Expense Per Vehicle Revenue Mile \$6.00 \$5.00	\$0.30 \$0.25 \$0.20 \$0.15 \$0.10 \$0.05 \$0.00	1987 Ope	1988 erating E	1989 Expense	1990	0.7 0.6 0.5 0.4 0.3 0.2 0.1 0.0		1988 nger Trip	1989 55 Per Ve	
\$3.00 \$2.50 \$2.00 \$1.50 \$1.00 \$0.50 \$0.00 1987 1988 1989 1990 Heavy Rail Operating Expense Per Vehicle Revenue Mile \$6.00 \$5.00 \$4.00	\$0.30 \$0.25 \$0.20 \$0.15 \$0.10 \$0.05 \$0.00	1987 Ope	1988 erating E	1989 Expense	1990	0.7 0.6 0.5 0.4 0.3 0.1 0.0 2.0 1.5		1988 nger Trip	1989 55 Per Ve	
\$3.00 \$2.50 \$2.00 \$1.50 \$1.00 \$0.50 \$0.00 1987 1988 1989 1990 Heavy Rail Operating Expense Per Vehicle Revenue Mile \$6.00 \$5.00 \$3.00	\$0.30 \$0.25 \$0.20 \$0.15 \$0.10 \$0.05 \$0.00 \$0.00 \$0.25 \$0.25 \$0.20 \$0.15	1987 Ope	1988 erating E	1989 Expense	1990	0.7 0.6 0.5 0.4 0.3 0.2 0.1 0.0		1988 nger Trip	1989 55 Per Ve	
\$3.00 \$2.50 \$2.00 \$1.50 \$1.00 \$0.50 \$0.00 1987 1988 1989 1990 Heavy Rail Operating Expense Per Vehicle Revenue Mile \$6.00 \$5.00 \$4.00 \$3.00 \$2.00	\$0.30 \$0.25 \$0.20 \$0.15 \$0.00 \$0.05 \$0.00 \$0.00 \$0.25 \$0.20 \$0.20 \$0.15 \$0.10	1987 Ope	1988 erating E	1989 Expense	1990	0.7 0.6 0.5 0.4 0.3 0.1 0.0 2.0 1.5		1988 nger Trip	1989 55 Per Ve	199 ehicle
\$3.00 \$2.50 \$2.00 \$1.50 \$1.00 \$0.50 \$0.00 1987 1988 1989 1990 Heavy Rail Operating Expense Per Vehicle Revenue Mile \$6.00 \$5.00 \$4.00 \$3.00	\$0.30 \$0.25 \$0.20 \$0.15 \$0.10 \$0.05 \$0.00 \$0.00 \$0.25 \$0.25 \$0.20 \$0.15	1987 Ope	1988 erating E	1989 Expense	1990	0.7 0.6 0.5 0.4 0.2 0.1 0.0 2.0 1.5 1.0		1988 nger Trip	1989 55 Per Ve	

San Francisco Municipal Railway (Muni)

949 Presidio San Francisco, CA 94120 (415)923-2533 Chief Executive Officer: Thomas J. Elzey, General Manager

Section 15 ID Number: 9015

General Information (System Wide)

Urbanized Area (UZA) Statistics - 1990 Ce San FranciscoOakland, CA	nsus
Square Miles	874
Population	3,629,516
Population Ranking Out of 405 UZA's	6
Service Area Statistics	
Square Miles	45
Population	675,039
Service Consumption	
Annual Unlinked Trips	233,819,367
Annual Passenger Miles	446,407,401
Average Weekday Unlinked Trips	757,235
Average Saturday Unlinked Trips	429,112
Average Sunday Unlinked Trips	328,615
Service Supplied	
Annual Vehicle Revenue Miles	26,259,692
Annual Vehicle Revenue Hours	3,020,020
Total Fleet	1,085
Vehicles Operated in Maximum Service	818
Base Period Requirement	562
Vehicles Operated in Maximum Service	

	Directly	Purchased
	Operated	Transportation
Motor Bus	374	0
Trolleybus	262	0
Light Rail	101	0
Demand Response	0	55
Cable Car	26	0

Financial Information (System Wide)

Courses of Orient time From In		
Sources of Operating Funds		\$77.0K0.000
Passenger Fares		\$77,969,000
Local Assistance		132,827,000
State Assistance		19,064,000
Federal Assistance		7,950,000
Other Revenues		20,931,000
Total Operating Funds	(1990)	\$258,741,000
	(1989)	\$251,334,000
	(1988)	\$230,552,000
Summary of Operating Expenses		
Salaries/Wages/Benefits		\$191,112,920
Materials & Supplies		15,774,935
Purchased Transportation		3,725,381
Other Expenses		32,563,402
Total Operating Expenses	(1990)	\$243,176,638
	(1989)	\$236,668,680
	(1988)	\$237,860,774
Sources of Capital Funds Expende	ed	
Local Assistance		\$0
State Assistance		11,288,000
UMTA Sec. 3 Discretionary	\$231,000	
UMTA Sec. 9 Formula	30,036,000	
UMTA Other Assistance	0	
Other Federal Assistance	4,561,000	
Federal Assistance Total	.,	34,828,000
Total Capital Funds Expended	(1990)	\$46,116,000
- cupitur v undo Estpended	(1989)	\$48,573,000
	(1988)	\$18,392,000

San Francisco Municipal Railway (Muni)

an Fra			b <i>a i</i>		T + 1	
Charact	teristics		Motor Bus	Trolleybus	Light Rail	Cat C
nerating	g Expense		\$103,341,667	\$61,187,297	\$58,128,463	\$16,793,8
	Inlinked Trips		96,460,165	86,287,081	40,213,584	10,507,4
	assenger Miles		202,728,367	119,787,209	109,484,401	11,877,7
	Weekday Unlinked Trips		316,700	271,716	137,002	30,4
	ehicle Revenue Hours		1,374,729	988,722	385,389	132,3
nnual V	ehicle Revenue Miles		12,809,246	7,355,546	4,092,838	566,3
	ideway Directional Route Mile	es	8.5	119.8	49.7	;
otal Flee			520	345	128	
	Operated in Maximum Service	e	374	262	101	
	ase Ratio		1.6	1.4	1.6	
pare Rat	110		39%	32%	27%	42
	ance Measures					
ervice Ef						
	g Expense/Vehicle Revenue H		\$75.17	\$61.89	\$150.83	\$126
perating	g Expense/Vehicle Revenue M	lile	\$8.07	\$8.32	\$14.20	\$29
	ctiveness Eveness /Lulinkad Bassanga	n Tair	¢4.07	ΦΟ 71	¢1.47	¢4
	g Expense/Unlinked Passenger	r i rip	\$1.07 \$0.51	\$0.71 \$0.51	\$1.45 \$0.53	\$1 \$1
	g Expense/Passenger Mile		\$0.51	\$0.51	\$U.55	21
	ffectiveness		70.2	97.2	104.4	7
niinkea.	Passenger Trips/Vehicle Reve Passenger Trips/Vehicle Reve		70.2 7.5	87.3 11.7	104.4 9.8	7 1
nlinked Motor B	Bus Operating Expense Per Vehi	icle	Operating Exp		Passenger Trips F	
	Bus	icle	Operating Exp Passenger		Passenger Trips F Revenue N	
Motor B	Bus Operating Expense Per Vehi	icle \$0.60				
Motor E \$10.00	Bus Operating Expense Per Vehi	\$0.60		Mile 8.0 7.0		
Motor B	Bus Operating Expense Per Vehi	\$0.60 \$0.50		Mile 8.0 7.0 6.0		
Motor E \$10.00	Bus Operating Expense Per Vehi	\$0.60 \$0.50 \$0.40		Mile 8.0 7.0 6.0 5.0		
Motor E \$10.00 \$8.00 \$6.00	Bus Operating Expense Per Vehi	\$0.60 \$0.50		Mile 8.0 7.0 6.0 5.0 4.0		
Motor E \$10.00 \$8.00	Bus Operating Expense Per Vehi	\$0.60 \$0.50 \$0.40		8.0 7.0 6.0 5.0 4.0 3.0		
Motor E \$10.00 \$8.00 \$6.00	Bus Operating Expense Per Vehi	\$0.60 \$0.50 \$0.40 \$0.30 \$0.20		Mile 8.0 7.0 6.0 5.0 4.0 3.0 2.0		
Motor E \$10.00 \$8.00 \$6.00 \$4.00 \$2.00	Bus Operating Expense Per Vehi	\$0.60 \$0.50 \$0.40 \$0.30 \$0.20 \$0.10		Mile 8.0 7.0 6.0 5.0 4.0 3.0 2.0 1.0		
Motor E \$10.00 \$8.00 \$6.00 \$4.00	Bus Operating Expense Per Vehi	\$0.60 \$0.50 \$0.40 \$0.30 \$0.20 \$0.10 \$0.00	Passenger	Mile 8.0 7.0 6.0 5.0 4.0 3.0 2.0		
Motor B \$10.00 \$8.00 \$6.00 \$4.00 \$2.00 \$0.00	Bus Operating Expense Per Vehi Revenue Mile	\$0.60 \$0.50 \$0.40 \$0.30 \$0.20 \$0.10 \$0.00 90	Passenger 1	Mile 8.0 7.0 6.0 5.0 4.0 3.0 2.0 1.0 989 1990	Revenue N	Mile
Motor E \$10.00 \$8.00 \$6.00 \$4.00 \$2.00 \$0.00	Bus Operating Expense Per Vehi Revenue Mile	\$0.60 \$0.50 \$0.40 \$0.30 \$0.20 \$0.10 \$0.00 90	Passenger	Mile 8.0 7.0 6.0 5.0 4.0 3.0 2.0 1.0 0.0 989 1990 ense Per Mile		Mile
Motor B \$10.00 \$8.00 \$6.00 \$4.00 \$2.00 \$0.00 Trolleyb	Bus Operating Expense Per Vehi Revenue Mile	\$0.60 \$0.50 \$0.40 \$0.30 \$0.20 \$0.10 \$0.00 90	Passenger 1 Passenger 1 1987 1988 19 Operating Expo	Mile 8.0 7.0 6.0 5.0 4.0 3.0 2.0 1.0 989 1990 ense Per Mile 14.0	Revenue M Passenger Trips F	Mile 989 1990 Per Vehicle
Motor B \$10.00 \$8.00 \$6.00 \$4.00 \$2.00 \$0.00 Trolleyb	Bus Operating Expense Per Vehi Revenue Mile	\$0.60 \$0.50 \$0.40 \$0.30 \$0.20 \$0.10 \$0.00 90 icle \$0.60 \$0.50	Passenger 1 Passenger 1 1987 1988 19 Operating Expo	Mile 8.0 7.0 6.0 5.0 4.0 3.0 2.0 1.0 989 1990 ense Per Mile 14.0 12.0	Revenue M Passenger Trips F	Mile 989 1990 Per Vehicle
Motor E \$10.00 \$8.00 \$6.00 \$4.00 \$2.00 \$0.00 Trolleyh \$10.00	Bus Operating Expense Per Vehi Revenue Mile	\$0.60 \$0.50 \$0.40 \$0.30 \$0.20 \$0.10 \$0.00 90 icle \$0.60 \$0.50 \$0.40	Passenger 1 Passenger 1 1987 1988 19 Operating Expo	Mile 8.0 7.0 6.0 5.0 4.0 3.0 2.0 1.0 989 1990 ense Per Mile 14.0 12.0 10.0	Revenue M Passenger Trips F	Mile 989 1990 Per Vehicle
Motor E \$10.00 \$8.00 \$4.00 \$2.00 \$0.00 Trolleyb \$10.00 \$8.00 \$6.00	Bus Operating Expense Per Vehi Revenue Mile	\$0.60 \$0.50 \$0.40 \$0.30 \$0.20 \$0.10 \$0.00 90 icle \$0.60 \$0.50 \$0.40 \$0.30	Passenger 1 Passenger 1 1987 1988 19 Operating Expo	Mile 8.0 7.0 6.0 5.0 4.0 3.0 2.0 1.0 989 1990 ense Per Mile 14.0 12.0	Revenue M Passenger Trips F	Mile Mile 989 1990 Per Vehicle
Motor E \$10.00 \$8.00 \$4.00 \$2.00 \$0.00 Trolleyb \$10.00 \$8.00 \$6.00 \$4.00	Bus Operating Expense Per Vehi Revenue Mile	\$0.60 \$0.50 \$0.40 \$0.30 \$0.20 \$0.10 \$0.00 90 icle \$0.60 \$0.50 \$0.40	Passenger 1 Passenger 1 1987 1988 19 Operating Expo	Mile 8.0 7.0 6.0 5.0 4.0 3.0 2.0 1.0 0.0 989 1990 ense Per Mile 14.0 12.0 10.0 8.0 8.0 7.0 6.0 5.0 4.0 3.0 2.0 1.0 0.0 8.0 5.0 4.0 3.0 2.0 1.0 0.0 8.0 5.0 4.0 3.0 2.0 1.0 0.0 8.0 5.0 4.0 3.0 2.0 1.0 0.0 8.0 5.0 4.0 3.0 2.0 1.0 0.0 8.0 5.0 4.0 3.0 2.0 1.0 0.0 8.0 5.0 4.0 3.0 2.0 1.0 0.0 8.0 5.0 4.0 3.0 2.0 1.0 0.0 8.0 5.0 4.0 1.0 0.0 8.0 5.0 4.0 1.0 0.0 8.0 5.0 4.0 1.0 0.0 8.0 5.0 5.0 5.0 1.0 0.0 8.0 5.0 5.0 5.0 1.0 5	Revenue M Passenger Trips F	Mile 989 1990 Per Vehicle
Motor E \$10.00 \$8.00 \$4.00 \$2.00 \$0.00 Trolleyb \$10.00 \$8.00 \$6.00	Bus Operating Expense Per Vehi Revenue Mile	\$0.60 \$0.50 \$0.40 \$0.30 \$0.20 \$0.10 \$0.00 90 icle \$0.60 \$0.50 \$0.40 \$0.30	Passenger 1 Passenger 1 1987 1988 19 Operating Expo	Mile 8.0 7.0 6.0 5.0 4.0 3.0 2.0 1.0 989 1990 ense Per Mile 14.0 12.0 10.0 8.0 4.0 3.0 2.0 1.0 0.0 989 1990 4.0 3.0 2.0 1.0 0.0 989 1990 4.0 3.0 2.0 1.0 0.0 989 1990 4.0 3.0 2.0 1.0 0.0 989 1990 4.0 3.0 2.0 1.0 0.0 989 1990 4.0 3.0 2.0 1.0 0.0 989 1990 4.0 3.0 2.0 1.0 0.0 989 1990 4.0 3.0 4.0 3.0 3.0 3.0 4.0 3.0 3.0 4.0 3.0 3.0 4.0 3.0 3.0 4.0 3.0 3.0 4.0 3.0 3.0 4.0 3.0 3.0 4.0 3.0 5.0 4.0 3.0 5.0 4.0 3.0 5.0 4.0 5.0 4.0 5.0 4.0 5.0 5.0 4.0 5.0	Revenue M Passenger Trips F	Mile Mile 989 1990 Per Vehicle
Motor E \$10.00 \$8.00 \$4.00 \$2.00 \$0.00 Trolleyb \$10.00 \$8.00 \$6.00 \$4.00	Bus Operating Expense Per Vehi Revenue Mile	\$0.60 \$0.50 \$0.40 \$0.30 \$0.20 \$0.10 \$0.00 90 icle \$0.60 \$0.50 \$0.40 \$0.30 \$0.20	Passenger 1 Passenger 1 1987 1988 19 Operating Expo	Mile 8.0 7.0 6.0 5.0 4.0 3.0 2.0 1.0 0.0 989 1990 14.0 12.0 10.0 8.0 6.0 5.0 4.0 3.0 2.0 1.0 0.0 989 1990 100 10.0 1	Revenue M Passenger Trips F	Mile Mile 989 1990 Per Vehicle

Santa Clara County Transit District (SCCTD)

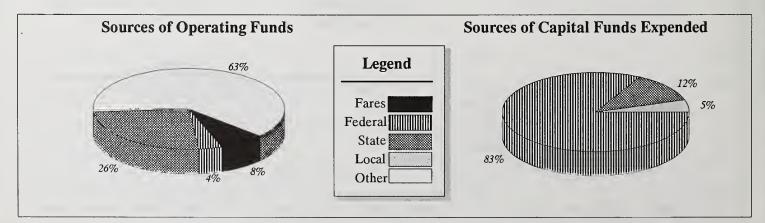
1555 Berger Drive, Bldg 2 San Jose, CA 95112 (408)299-3713

Chief Executive Officer: Lawrence G. Reuter, Director

Financial Information (System Wide)

Section 15 ID Number: 9013

Urbanized Area (UZA) Statistics - 1990 (Census	Sources of Operating Funds		
San Jose, CA		Passenger Fares		\$13,804,016
Square Miles	338	Local Assistance		58,261
Population	1,435,019	State Assistance		43,090,684
Population Ranking Out of 405 UZA's	23	Federal Assistance		6,313,044
		Other Revenues		105,706,148
Service Area Statistics		Total Operating Funds	(1990)	\$168,972,153
Square Miles	300		(1989)	\$133,821,168
Population	1,136,614		(1988)	\$130,562,831
Service Consumption		Summary of Operating Expenses		
Annual Unlinked Trips	45,722,582	Salaries/Wages/Benefits		\$92,307,077
Annual Passenger Miles	188,162,482	Materials & Supplies		14,339,985
Average Weekday Unlinked Trips	163,478	Purchased Transportation		4,281,554
Average Saturday Unlinked Trips	52,730	Other Expenses		15,181,070
Average Sunday Unlinked Trips	23,803	Total Operating Expenses	(1990)	\$126,109,686
			(1989)	\$115,811,616
Service Supplied			(1988)	\$110,746,003
Annual Vehicle Revenue Miles	20,088,523			
Annual Vehicle Revenue Hours	1,438,552	Sources of Capital Funds Expend	led	
Total Fleet	561	Local Assistance		\$1,933,149
Vehicles Operated in Maximum Service	425	State Assistance		5,926,812
Base Period Requirement	270	UMTA Sec. 3 Discretionary	\$38,306,460	
*		UMTA Sec. 9 Formula	1,322,893	
Vehicles Operated in Maximum Service		UMTA Other Assistance	0	
Directly	Purchased	Other Federal Assistance	0	
Operated	Transportation	Federal Assistance Total		39,629,353
Motor Bus 415	0	Total Capital Funds Expended	(1990)	\$47,489,314
Light Rail 10	0	* *	(1989)	\$50,944,735
			(1988)	\$80,635,394



Santa Clara County Transit District (SCCTD)

Characte	eristics						141	lotor Bus		Light Rail		
							# 100 co		.			
Operating							\$109,602			2,225,606		
	nlinked Trips ssenger Miles						43,29 180,63			2,432,298 7,526,763		
	Veekday Unlinked Trip	s						5,504		7,974		
	chicle Revenue Hours	3						1,455		44,097		
	chicle Revenue Miles						19,53			552,645		
	deway Directional Rou	te Miles					,	55.2		17.4		
Total Flee	t							508		53	;	
ehicles C	Operated in Maximum S	Service						415		10)	
eak to Ba								1.6		0.8		
pare Rati	io							22%		430%)	
erform	ance Measures											
ervice Eff	ficiency											
	Expense/Vehicle Reve	enue Hour					\$	78.60		\$277.24	Ļ	
	Expense/Vehicle Reve							\$5.61		\$22.12		
ost Effect	Expense/Unlinked Pas	congor Tr	'n					\$2.53		\$5.03	2	
	Expense/Passenger M	-	Ϋ́Ρ					\$2.55 \$0.61		\$3.03 \$1.62		
							,			Ψ1.02		
	fectiveness											
	Passenger Trips/Vehic							31.0		55.2		
Inlinked I	Passenger Trips/Vehicl	e Revenue	Mile					2.2		4.4	ļ	
	Operating Expense Per Revenue Mile			Ор	erating H Passeng	Expense l er Mile	Per		Passe	enger Trij Revent	ps Per V ue Mile	ehicle
\$6.00			\$0.80	1				2.5				
\$5.00	0		\$0.70		0							0
			\$0.60	+				2.0	0			
\$4.00	•••••••••••••••••••••••••••••••••••••••		\$0.50	+			·····)••	1.5				
\$3.00 +	······································		\$0.40	+								
\$2.00			\$0.30	+)			1.0				
			\$0.20	•				0.5				
\$1.00 +-			\$0.10	-				0.0				
-										,		
-	1087 1088 1080	1000	\$0.00	1087	1088	1080	1000	0.0	1087	1088	1080	100
	1987 1988 1989	1990	\$0.00	1987	1988	1989	1990	0.0	1987	1988	1989	199
\$0.00			\$0.00									
\$0.00		r Vehicle	20.00			Expense I				1988 nger Trip Revenu	os Per Ve	
\$0.00	il Operating Expense Pe	r Vehicle	\$7.00		erating H	Expense I		5.0		nger Trip	os Per Ve	
\$0.00	il Operating Expense Pe	r Vehicle	\$7.00 \$6.00		erating H	Expense I				nger Trip	os Per Ve	
\$0.00 Light Ra \$25.00 \$20.00	il Operating Expense Pe	r Vehicle	\$7.00 \$6.00 \$5.00		erating H	Expense I		5.0 4.0		nger Trip	os Per Ve	
\$0.00 Light Ra \$25.00 \$20.00	il Operating Expense Pe	r Vehicle	\$7.00 \$6.00		erating H	Expense I		5.0		nger Trip	os Per Ve	
\$0.00 Light Ra \$25.00 \$20.00 \$15.00	il Operating Expense Pe	r Vehicle	\$7.00 \$6.00 \$5.00		erating H	Expense I		5.0 4.0		nger Trip	os Per Ve	
\$0.00 Light Ra \$25.00 \$20.00 \$15.00 \$10.00	il Operating Expense Pe	r Vehicle	\$7.00 \$6.00 \$5.00 \$4.00		erating H	Expense I		5.0 4.0 3.0 2.0		nger Trip	os Per Ve	
\$25.00 \$20.00 \$15.00	il Operating Expense Pe	r Vehicle	\$7.00 \$6.00 \$5.00 \$4.00 \$3.00		erating H	Expense I		5.0 4.0 3.0		nger Trip	os Per Ve	
\$0.00 Light Ra \$25.00 \$20.00 \$15.00 \$10.00	il Operating Expense Pe	r Vehicle	\$7.00 \$6.00 \$5.00 \$4.00 \$3.00 \$2.00		erating H	Expense I		5.0 4.0 3.0 2.0		nger Trip	os Per Ve	1990 ehicle

Municipality of Metropolitan Seattle (Metro)

821 Second Avenue (M/S-74) Seattle, WA 98104 (206)684-1113 Chief Executive Officer: Richard K. Sandaas, Executive Director

Section 15 ID Number: 0001

General Information (System Wide)

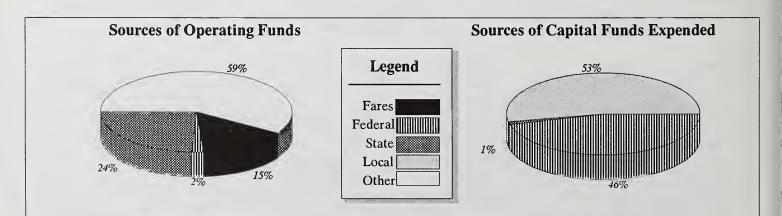
Urbanized Area (UZA) Seattle, WA	Statistics - 1990 C	Census
Square Miles		588
Population		1,744,086
Population Ranking	Out of 405 UZA's	18
Service Area Statistics		
Square Miles		3,913
Population		2,473,740
Service Consumption		
Annual Unlinked Trip	s	80,317,915
Annual Passenger Mil	es	445,581,499
Average Weekday Un	linked Trips	270,468
Average Saturday Unl	inked Trips	129,508
Average Sunday Unlin	ked Trips	80,006
Service Supplied		
Annual Vehicle Reven	ue Miles	32,738,184
Annual Vehicle Reven	ue Hours	1,952,057
Total Fleet		1,773
Vehicles Operated in I	Maximum Service	1,552
Base Period Requirem	ient	620
Vehicles Operated in M	aximum Service	
	Directly	Purchased
	Operated	Transportation
Motor Bus	850	28
Demand Response	0	288
Vanpool	274	0

109

3

Financial Information (System Wide)

Sources of Operating Funds		
Passenger Fares		\$37,814,552
Local Assistance		0
State Assistance		62,873,980
Federal Assistance		5,631,469
Other Revenues		150,838,280
Total Operating Funds	(1990)	\$257,158,281
	(1989)	\$234,228,210
	(1988)	\$204,140,869
Summary of Operating Expenses		
Salaries/Wages/Benefits		\$125,312,811
Materials & Supplies		23,359,946
Purchased Transportation		4,229,078
Other Expenses		16,643,270
Total Operating Expenses	(1990)	\$169,545,105
	(1989)	\$153,384,767
	(1988)	\$145,786,605
Sources of Capital Funds Expende	ed	
Local Assistance		\$59,717,150
State Assistance		972,324
UMTA Sec. 3 Discretionary	\$4,000,259	
UMTA Sec. 9 Formula	47,871,883	
UMTA Other Assistance	34,204	
Other Federal Assistance	0	
Federal Assistance Total		51,906,346
Total Capital Funds Expended	(1990)	\$112,595,820
	(1989)	\$97,219,149
	(1988)	\$74,843,435



0

0

Trolleybus

Light Rail

Municipality of Metropolitan Seattle (Metro)

Aunici	- F J						Moto							Demar
harac	cteristic	s					Bu		Trolle	ybus		Vanpool		Respons
peratin	ig Expens	se				\$1	39,869,88	9	\$23,20	7,953	\$2	,963,143		\$2,757,9
	Unlinked						58,029,46		20,77			,120,618		244,9
	Passenger	-					73,249,83		39,23			,001,220		1,949,1
	Weekday		ed Trips				199,10	7	6	6,445		4,412		
nnual \	Vehicle R	levenue I	Hours				1,523,23	0	31	5,829		105,460		
	Vehicle R						25,180,82			7,498	3	,583,936		1,266,5
	ideway I	Direction	al Route	e Miles			47.			112.6		0.0		(
otal Fle							96			155		359		2
	Operate		imum Se	ervice			87			109		274		2
	ak to Base Ratio				3.			1.4		N/A		N/		
pare Ra	atio						10%	6		42%		31%		0
erforn	nance N	Measur	es											
	Efficiency							_				.		
	g Expens				•		\$91.8			73.48		\$28.10		\$0.
peratin	g Expens	se/Vehic	le Rever	ue Mile			\$5.5	5		\$8.67		\$0.83		\$2.
	ectivenes		1 1 5	-			<i>t</i> -2	1		ta 40		*• • • •		b 4 4
-	g Expens	•		-	пp		\$2.4			\$1.12		\$2.64		\$11.
peratin	g Expens	se/Passe	nger Mil	e			\$0.3	1	:	\$0.59		\$0.10		\$1.
	Effectiven		/	D			20	1		(5.0		10.0		
	l Passeng						38. 2.			65.8 7.8		10.6 0.3		(
	Bus	ing Expe Revenu	nse Per	Vehicle		Op	erating E Passenge	-	Per		Passer	nger Trij Reveni		ehicle
Motor \$6.00	Bus	ing Expe	nse Per	Vehicle	\$0.40	Op	-	-	Per	2.5	Passer			ehicle
Motor \$6.00	Bus	ing Expe	nse Per	Vehicle	\$0.40 \$0.35	Op	-	-	Per	2.5	Passer			ehicle
Motor \$6.00 - \$5.00 -	Bus	ing Expe	nse Per	Vehicle	\$0.35 \$0.30	Op	-	-	Per	2.5 2.0	Passer			ehicle
Motor \$6.00 - \$5.00 - \$4.00 -	Bus	ing Expe	nse Per	Vehicle	\$0.35 \$0.30 \$0.25	Op	-	-	Per		Passer			ehicle
Motor \$6.00 \$5.00	Bus	ing Expe	nse Per	Vehicle	\$0.35 \$0.30 \$0.25 \$0.20	Op	-	-	Per	2.0 1.5	Passer			ehicle
Motor \$6.00 - \$5.00 - \$4.00 -	Bus	ing Expe	nse Per	Vehicle	\$0.35 \$0.30 \$0.25 \$0.20 \$0.15	Op	-	-	Per	2.0	Passer			ehicle
Motor \$6.00 \$5.00 \$4.00 \$3.00 \$2.00	Bus	ing Expe	nse Per	Vehicle	\$0.35 \$0.30 \$0.25 \$0.20 \$0.15 \$0.10	Op	-	-	Per	2.0 1.5	Passer			ehicle
Motor \$6.00 - \$5.00 - \$4.00 - \$3.00 - \$2.00 - \$1.00 -	Bus	ing Expe	nse Per	Vehicle	\$0.35 \$0.30 \$0.25 \$0.20 \$0.15 \$0.10 \$0.05	Op	-	-	Per	2.0 - 1.5 - 1.0 - 0.5 -	Passer			ehicle
Motor \$6.00 \$5.00 \$4.00 \$3.00 \$2.00	Bus	ing Expe	nse Per	Vehicle	\$0.35 \$0.30 \$0.25 \$0.20 \$0.15 \$0.10	Op 	-	-	Per	2.0 - 1.5 - 1.0 -	Passer			ehicle
Motor \$6.00 - \$5.00 - \$4.00 - \$3.00 - \$2.00 - \$1.00 -	Bus Operat	ing Expe Revenu 1988	nse Per le Mile	1990	\$0.35 \$0.30 \$0.25 \$0.20 \$0.15 \$0.10 \$0.05	1987	Passenge	1989 xpense l	1990	2.0 - 1.5 - 1.0 - 0.5 -	1987 Passen	Revent	1989 s Per Ve	0 1990
Motor \$6.00 \$5.00 \$4.00 \$2.00 \$1.00 \$0.00	Bus Operat	ing Expe Revenu 1988	nse Per le Mile	1990	\$0.35 \$0.30 \$0.25 \$0.20 \$0.15 \$0.10 \$0.05	1987	Passenge 1988 erating E	1989 xpense l	1990	2.0 - 1.5 - 1.0 - 0.5 -	1987 Passen	Revenu 1988 ger Trip	1989 s Per Ve	0 1990
Motor \$6.00 \$5.00 \$4.00 \$3.00 \$2.00 \$1.00 Trolley \$10.00	Bus Operat	ing Expe Revenu 1988	nse Per le Mile	1990	\$0.35 \$0.30 \$0.25 \$0.20 \$0.15 \$0.10 \$0.05 \$0.00	1987	Passenge 1988 erating E	1989 xpense l	1990	2.0 - 1.5 - 1.0 - 0.5 - 0.0 -	1987 Passen	Revenu 1988 ger Trip	1989 s Per Ve	0 1990
Motor \$6.00 - \$5.00 - \$4.00 - \$3.00 - \$2.00 - \$1.00 - \$0.00 - Trolley	Bus Operat	ing Expe Revenu 1988	nse Per le Mile	1990	\$0.35 \$0.30 \$0.25 \$0.20 \$0.15 \$0.10 \$0.05 \$0.00	1987	Passenge 1988 erating E	1989 xpense l	1990	2.0 - 1.5 - 1.0 - 0.5 - 0.0 - 8.0 7.0 - 6.0 -	1987 Passen	Revenu 1988 ger Trip	1989 s Per Ve	0 1990
Motor \$6.00 \$5.00 \$4.00 \$3.00 \$2.00 \$1.00 Trolley \$10.00	Bus Operat	ing Expe Revenu 1988	nse Per le Mile	1990	\$0.35 \$0.30 \$0.25 \$0.20 \$0.15 \$0.10 \$0.05 \$0.00 \$0.00 \$0.00 \$0.50 \$0.40	1987	Passenge 1988 erating E	1989 xpense l	1990	2.0 - 1.5 - 1.0 - 0.5 - 0.0 - 8.0 - 7.0 - 6.0 - 5.0 -	1987 Passen	Revenu 1988 ger Trip	1989 s Per Ve	0 1990
Motor \$6.00 \$5.00 \$4.00 \$2.00 \$1.00 \$0.00 Trolley \$10.00 \$8.00 \$6.00	Bus Operat	ing Expe Revenu 1988	nse Per le Mile	1990	\$0.35 \$0.30 \$0.25 \$0.20 \$0.15 \$0.10 \$0.05 \$0.00	1987	Passenge 1988 erating E	1989 xpense l	1990	2.0 - 1.5 - 1.0 - 0.5 - 0.0 - 8.0 - 7.0 - 6.0 - 5.0 - 4.0 -	1987 Passen	Revenu 1988 ger Trip	1989 s Per Ve	0 1990
Motor \$6.00 \$5.00 \$4.00 \$2.00 \$2.00 \$0.00 Trolley \$10.00 \$8.00	Bus Operat	ing Expe Revenu 1988	nse Per le Mile	1990	\$0.35 \$0.30 \$0.25 \$0.20 \$0.15 \$0.10 \$0.05 \$0.00 \$0.00 \$0.00 \$0.50 \$0.40	1987	Passenge 1988 erating E	1989 xpense l	1990	2.0 - 1.5 - 1.0 - 0.5 - 0.0 - 8.0 - 7.0 - 6.0 - 5.0 - 4.0 - 3.0 -	1987 Passen	Revenu 1988 ger Trip	1989 s Per Ve	0 1990
Motor \$6.00 \$5.00 \$3.00 \$2.00 \$1.00 \$0.00 Trolley \$10.00 \$8.00 \$8.00 \$6.00	Bus Operat	ing Expe Revenu 1988	nse Per le Mile	1990	\$0.35 \$0.30 \$0.25 \$0.20 \$0.15 \$0.10 \$0.05 \$0.00 \$0.00 \$0.00 \$0.60 \$0.50 \$0.40 \$0.30 \$0.20	1987	Passenge 1988 erating E	1989 xpense l	1990	2.0 - 1.5 - 1.0 - 0.5 - 0.0 - 8.0 - 7.0 - 6.0 - 5.0 - 4.0 - 3.0 - 2.0 -	1987 Passen	Revenu 1988 ger Trip	1989 s Per Ve	
Motor \$6.00 \$5.00 \$4.00 \$2.00 \$1.00 \$0.00 Trolley \$10.00 \$8.00 \$8.00 \$6.00 \$4.00	Bus Operat	ing Expe Revenu 1988	nse Per le Mile	1990	\$0.35 \$0.30 \$0.25 \$0.20 \$0.15 \$0.10 \$0.05 \$0.00 \$0.00 \$0.00 \$0.60 \$0.50 \$0.40 \$0.30	1987	Passenge 1988 erating E	1989 xpense l	1990	2.0 - 1.5 - 1.0 - 0.5 - 0.0 - 8.0 - 7.0 - 6.0 - 5.0 - 4.0 - 3.0 -	1987 Passen	Revenu 1988 ger Trip	1989 s Per Ve	

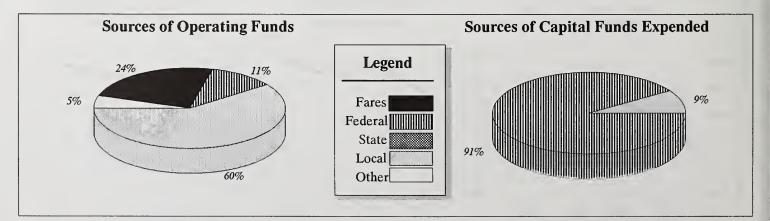
Bi-State Development Agency (Bi-State)

707 North First Street St. Louis, MO 63102 (314)982-1570 Chief Executive Officer: John K. Leary, Jr., Executive Director

Financial Information (System Wide)

Section 15 ID Number: 7006

Urbanized Area (UZA) Statistics - 1990 (Census	Sources of Operating Funds		
St. Louis, MOIL		Passenger Fares		\$23,069,014
Square Miles	728	Local Assistance		56,230,292
Population	1,946,526	State Assistance		0
Population Ranking Out of 405 UZA's	15	Federal Assistance		10,220,609
		Other Revenues		4,706,658
Service Area Statistics		Total Operating Funds	(1990)	\$94,226,573
Square Miles	3,580		(1989)	\$92,670,980
Population	2,307,900		(1988)	\$91,247,694
Service Consumption		Summary of Operating Expenses		
Annual Unlinked Trips	44,577,653	Salaries/Wages/Benefits		\$66,827,045
Annual Passenger Miles	193,981,847	Materials & Supplies		12,801,193
Average Weekday Unlinked Trips	162,938	Purchased Transportation		1,272,405
Average Saturday Unlinked Trips	49,223	Other Expenses		11,259,607
Average Sunday Unlinked Trips	4,912	Total Operating Expenses	(1990)	\$92,160,250
			(1989)	\$90,674,951
Service Supplied			(1988)	\$89,532,788
Annual Vehicle Revenue Miles	19,605,339			
Annual Vehicle Revenue Hours	1,320,579	Sources of Capital Funds Expend	led	
Total Fleet	711	Local Assistance		\$2,608,698
Vehicles Operated in Maximum Service	612	State Assistance		68,954
Base Period Requirement	300	UMTA Sec. 3 Discretionary	\$15,566,165	
		UMTA Sec. 9 Formula	10,245,899	
Vehicles Operated in Maximum Service		UMTA Other Assistance	0	
Directly	Purchased	Other Federal Assistance	0	
Operated	Transportation	Federal Assistance Total		25,812,064
Motor Bus 565	10	Total Capital Funds Expended	(1990)	\$28,489,716
Demand Response 25	12		(1989)	\$18,049,514
			(1988)	\$3,200,436



Bi-State Development Agency (Bi-State)

Charac		-		y (DI -C	tate)									
Charac	cteristics	5							М	otor Bus	J	Demand Response		
Oneratin	ng Expense	5							\$88,902	2800		- 3,257,360		
	Unlinked 7								44,350		Ψ.	227,292		
	Passenger								192,047			1,934,130		
	Weekday		ed Trips							2,044		894		
	Vehicle Re								1,241			78,631		
	Vehicle Re								18,126			1,478,370		
	uideway D	irection	al Route	e Miles						16.7		0.0		
Total Fle		·	• • • •							670		41		
	Operated Base Ratio		imum So	ervice						575 2.1		37 N (A		
Spare Ra)								2.1 17%		N/A 11%		
-		-								1770		1170		
	mance M	leasur	es											
	Efficiency	/	1 5									.		
-	ng Expense									71.58		\$41.43		
Operatin	ng Expense	e/Vehic	le Revei	nue Mile					3	54.90		\$2.20		
Cost Eff	ectiveness													
-	ng Expense	-		-	ip					52.00		\$14.33		
Operatin	ng Expense	e/Passer	nger Mil	e					3	50.46		\$1.68		
Service F	Effectivene	ee												
	d Passenge		/Vehicle	Revenue	Hour					35.7		2.9		
	d Passenge									2.5		0.2		
	Operatii	ig Expe		venicie		νp	crating .	Expense	101		rasse	enger Trij	psreiv	ehicle
\$5.00	Operation	Revenu		veniere	\$0.60			ger Mile		25.	r asse	Revenu	-	ehicle
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\$4.00					\$0.60 \$0.50 \$0.40					2.0			-	ehicle
					\$0.50 \$0.40								-	
\$4.00					\$0.50					2.0	- 0		-	
\$4.00 \$3.00					\$0.50 \$0.40 \$0.30 \$0.20					2.0 - 1.5 -			-	
\$4.00 \$3.00 \$2.00 \$1.00					\$0.50 \$0.40 \$0.30 \$0.20 \$0.10					2.0 - 1.5 - 1.0 -			-	
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\$4.00 \$3.00 \$2.00 \$1.00 \$0.00	1987	Revenu 1988 se ng Expe	ne Mile	1990	\$0.50 \$0.40 \$0.30 \$0.20 \$0.10	1987	Passen 1988 erating I	ger Mile	1990	2.0 - 1.5 - 1.0 - 0.5 - 0.0 -	1987	Revent 1988	1989	1990
\$4.00 \$3.00 \$2.00 \$1.00 \$0.00	1987	Revenu 1988 se ng Expe	ne Mile	1990	\$0.50 \$0.40 \$0.30 \$0.20 \$0.10 \$0.00	1987	Passen 1988 erating I	ger Mile	1990	2.0 - 1.5 - 1.0	1987	Revent 1988	1989	1990
\$4.00 \$3.00 \$2.00 \$1.00 \$0.00 Deman \$3.00 \$2.50	1987	Revenu 1988 se ng Expe	ne Mile	1990	\$0.50 \$0.40 \$0.30 \$0.20 \$0.10 \$0.00	1987	Passen 1988 erating I	ger Mile	1990	$\begin{array}{c} 2.0 \\ 1.5 \\ 1.0 \\ 0.5 \\ 0.0 \\ \end{array}$	1987	Revent 1988	1989	1990
\$4.00 \$3.00 \$2.00 \$1.00 \$0.00 Deman \$3.00 \$2.50 \$2.00	1987	Revenu 1988 se ng Expe	ne Mile	1990	\$0.50 \$0.40 \$0.30 \$0.20 \$0.10 \$0.00 \$2.00 \$1.50	1987	Passen 1988 erating I	ger Mile	1990	2.0 - 1.5 - 1.0 - 0.5 - 0.0 - 0.1 - 0.1 - 0.1 - 0.1 - 0.1 -	1987	Revent 1988	1989	1990
\$4.00 \$3.00 \$2.00 \$1.00 \$0.00 Deman \$3.00 \$2.50 \$2.00 \$1.50	1987	Revenu 1988 se ng Expe	ne Mile	1990	\$0.50 \$0.40 \$0.30 \$0.20 \$0.10 \$0.00	1987	Passen 1988 erating I	ger Mile	1990	2.0 - 1.5 - 1.0 - 0.5 - 0.0 - 0.1 - 0.1 - 0.1 - 0.1 - 0.1 -	1987	Revent 1988	1989	1990
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\$4.00 \$3.00 \$2.00 \$1.00 \$0.00 Deman \$3.00 \$2.50 \$2.00 \$1.50	1987	Revenu 1988 se ng Expe	ne Mile	1990	\$0.50 \$0.40 \$0.30 \$0.20 \$0.10 \$0.00 \$2.00 \$1.50	1987	Passen 1988 erating I	ger Mile	1990	2.0 - 1.5 - 1.0 - 0.5 - 0.0 - 0.1 - 0.1 - 0.1 - 0.1 - 0.1 -	1987	Revent 1988	1989	1990

Source: 1990 Section 15 Annual Report

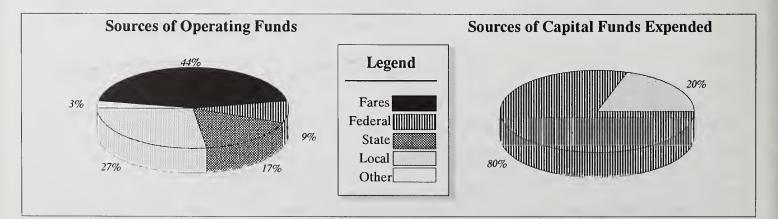
Washington Metropolitan Area Transit Authority (WMATA)

600 Fifth Street, N.W. Washington, DC 20001 (202)962-1603 Chief Executive Officer: David Gunn, General Manager

Financial Information (System Wide)

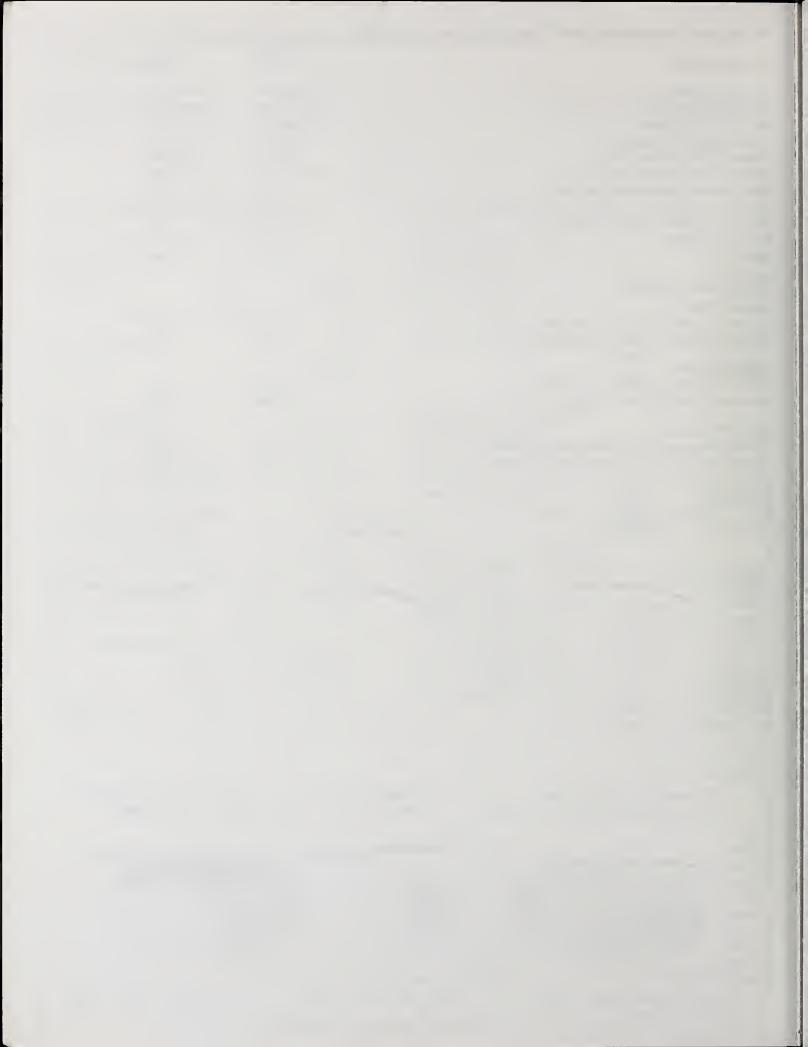
Section 15 ID Number: 3030

Urbanized Area (UZA) Statistics - 1990 C	ensus	Sources of Operating Funds		
Washington, DCMDVA		Passenger Fares		\$264,383,314
Square Miles	945	Local Assistance		158,528,890
Population	3,363,031	State Assistance		101,039,186
Population Ranking Out of 405 UZA's	7	Federal Assistance		52,193,209
		Other Revenues		19,509,253
Service Area Statistics		Total Operating Funds	(1990)	\$595,653,852
Square Miles	1,486		(1989)	\$591,078,511
Population	3,005,757		(1988)	\$587,684,949
Service Consumption		Summary of Operating Expenses		
Annual Unlinked Trips	357,508,191	Salaries/Wages/Benefits		\$398,604,884
Annual Passenger Miles	1,557,875,093	Materials & Supplies		48,219,990
Average Weekday Unlinked Trips	1,238,831	Purchased Transportation		0
Average Saturday Unlinked Trips	502,611	Other Expenses		69,302,619
Average Sunday Unlinked Trips	319,450	Total Operating Expenses	(1990)	\$516,127,493
			(1989)	\$509,464,324
Service Supplied			(1988)	\$504,863,005
Annual Vehicle Revenue Miles	73,403,129			
Annual Vehicle Revenue Hours	5,058,706	Sources of Capital Funds Expend	ed	
Total Fleet	2,294	Local Assistance		\$68,838,856
Vehicles Operated in Maximum Service	1,888	State Assistance		427,625
Base Period Requirement	647	UMTA Sec. 3 Discretionary	\$922,072	
-		UMTA Sec. 9 Formula	35,308,157	
Vehicles Operated in Maximum Service		UMTA Other Assistance	242,675,049	
Directly	Purchased	Other Federal Assistance	87,469	
Operated	Transportation	Federal Assistance Total		278,992,747
Motor Bus 1,410	0	Total Capital Funds Expended	(1990)	\$348,259,228
Heavy Rail 478	0		(1989)	\$298,519,338
			(1988)	\$290,120,936



Washington Metropolitan Area Transit Authority (WMATA)

CharacteristicsBusRailOperating Expense\$272,655,461\$243,472,032Annual Unlinked Trips175,502,340182,005,851Annual Passenger Miles563,688,216994,186,877Average Weekday Unlinked Trips601,504637,327Annual Vehicle Revenue Hours3,577,2061,481,500Annual Vehicle Revenue Miles40,191,12533,212,004Fixed Guideway Directional Route Miles39.3139,1Total Fleet1,630664Vehicles Operated in Maximum Service1,410478Peak to Base Ratio2.82.6Spare Ratio2.82.6Spare Ratio16%39%Cost EfficiencyOperating Expense/Vehicle Revenue Mile\$76.22\$164.34Operating Expense/Unlinked Passenger Trip\$1.55\$1.34Operating Expense/Unlinked Passenger Trip\$0.48\$0.24	Washington Metropontan Area 11a	IISIt Aut	nority	(VV IVIAL.	IA)	М	ator		Heavy		
Annual Parsenger Miles 175,502,340 182,005,851 Average Weekday Unlinked Trips 601,504 607,327 Average Weekday Unlinked Trips 601,504 601,504 603,237 Annual Vehicle Revenue Miles 3,372,206 1,481,500 Annual Vehicle Revenue Miles 39,3 139,1 Total Fleet 1,630 664 Vehicles Operated in Maximum Service 1,410 478 Peak to Base Ratio 2,28 2,6 Spare Ratio 2,26 39% Performance Measures 567,28 \$7,733 Cost Effectiveness 0perating Expense/Vehicle Revenue Mile 56,78 \$7,33 Operating Expense/Vehicle Revenue Mile 50,48 \$0,48 \$0,24 Service Effictiveness 0perating Expense/Passenger Trips Vehicle Revenue Mile 4,4 5.5 Moter Base \$0,40 \$0,30 \$2,0 \$0,48 \$0,24 Store \$0,40 \$0,30 \$2,0 \$0,40 \$0,20 \$0,40 \$0,20 Store \$0,40 \$0,20 \$0,40 \$0,20 \$0,20 \$0,20 \$0,20 \$0,20	Characteristics								•		
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Service Efficiency Strice 2 S164.34 Operating Expense/Vehicle Revenue Mile \$6.78 \$7.33 Cost Effectiveness \$1.55 \$1.34 Operating Expense/Unlinked Passenger Trip \$1.55 \$1.34 Service Effectiveness \$0.48 \$0.24 Unlinked Passenger Trips/Vehicle Revenue Hour 49.1 122.9 Unlinked Passenger Trips/Vehicle Revenue Mile 4.4 5.5 Motor Bus Operating Expense Per Vehicle Passenger Mile Passenger Trips Per Vehicle Revenue Mile \$5.00 \$0.40 \$0.20 \$0.40 \$0.20 \$1.00 \$0.00 \$0.20 \$0.40 \$0.20 \$0.00 \$0.20 \$0.10 \$0.20 \$0.20 \$0.00 \$0.20 \$0.10 \$0.00 \$0.20 \$0.00 \$0.20 \$0.10 \$0.20 \$0.10 \$0.00 \$0.20 \$0.10 \$0.20 \$0.10 \$0.00 \$0.20 \$0.10 \$0.20 \$0.10 \$0.00 \$0.20 \$0.20 \$0.20 \$0.	Spare Ratio					1	.6%		39%		
Operating Expense/Vehicle Revenue Hour \$76.22 \$164.34 Operating Expense/Vehicle Revenue Mile \$6.78 \$7.33 Cost Effectiveness \$0.48 \$0.24 Operating Expense/Vehicle Revenue Hour 49.1 122.9 Unlinked Passenger Trips/Vehicle Revenue Mile 44 5.5 Motor Bus Operating Expense Per Vehicle Operating Expense Per Vehicle Passenger Trips Per Vehicle S5.00 50.40 \$0.30 \$0.30 \$0.20 \$0.40 \$0.40 S1.00 \$0.00 \$0.20 \$0.10 \$0.00	Performance Measures										
Operating Expense/Unlinked Passenger Trip Operating Expense/Passenger Mile \$1.55 \$1.34 Service Effectiveness S0.48 \$0.24 Unlinked Passenger Trips/Vehicle Revenue Hour Unlinked Passenger Trips/Vehicle Revenue Mile 4.4 5.5 Motor Bus Operating Expense Per Vehicle Revenue Mile Operating Expense Per Vehicle Revenue Mile Operating Expense Per Vehicle Revenue Mile Passenger Trips Per Vehicle Revenue Mile \$3.00 \$0.60 \$0.50 \$0.40 \$0.40 \$0.40 \$3.00 \$0.20 \$0.40 \$0.30 \$0.40 \$0.40 \$3.00 \$0.20 \$0.40 \$0.30 \$0.40 \$0.40 \$0.00 \$0.30 \$0.20 \$0.10 \$0.10 \$0.00 \$0.00 \$0.20 \$0.10 \$0.00 \$0.00 \$0.00 \$0.87 \$0.88 \$0.98 \$0.99 \$0.00 Heavy Rail Operating Expense Per Vehicle Revenue Mile \$0.25 \$0.20 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 <td>Service Efficiency Operating Expense/Vehicle Revenue Hour Operating Expense/Vehicle Revenue Mile</td> <td></td>	Service Efficiency Operating Expense/Vehicle Revenue Hour Operating Expense/Vehicle Revenue Mile										
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1987 1988 1989 1990 1987 1988 1989 1990 1987 1988 1989 1990 Heavy Rail Operating Expense Per Vehicle Revenue Mile Operating Expense Per Passenger Mile Passenger Trips Per Vehicle Revenue Mile \$8.00 \$0.25 \$0.20 \$0.10 \$0.20 \$0.05 \$0.00					•		0.0				
Operating Expense Per Vehicle Revenue MileOperating Expense Per Passenger MilePassenger Trips Per Vehicle Revenue Mile\$8.00 \$7.00 \$6.00 \$5.0		ψ0.00	1007	1000	1000		0.0	4007	1088	1989	1990
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\$7.00 \$0.20 \$0.20 \$0.15 \$5.00 \$0.15 \$0.15 \$0.10 \$3.00 \$0.10 \$0.10 \$0.05 \$1.00 \$0.00 \$0.00 \$0.00				1988		1990		1987			
\$7.00 \$0.20 \$0.20 \$0.15 \$5.00 \$0.15 \$0.15 \$0.10 \$3.00 \$0.10 \$0.10 \$0.05 \$1.00 \$0.00 \$0.00 \$0.00	Heavy Rail Operating Expense Per Vehicle			erating I	Expense I				nger Trip	s Per Ve	
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\$1.00 \$0.00	Heavy Rail Operating Expense Per Vehicle Revenue Mile \$8.00 \$7.00 \$6.00 \$5.00 \$4.00	\$0.20 \$0.15		erating I	Expense I		5.0 4.0		nger Trip	s Per Ve	
	Heavy Rail Operating Expense Per Vehicle Revenue Mile \$8.00 \$7.00 \$6.00 \$5.00 \$4.00 \$3.00	\$0.20 \$0.15		erating I	Expense I		5.0 4.0 3.0		nger Trip	s Per Ve	
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Transit Profiles, The Thirty Largest Agencies for the 1990 Section 15 Report Year

Appendix A Average of the Thirty Largest Agencies

Average of the Thirty Largest Agencies For the 1990 Section 15 Report Year

General Information (System Wide)

Service Consumption	
Annual Unlinked Trips	209,774,333
Annual Passenger Miles	1,013,784,110
Average Weekday Unlinked Trips	692,022
Average Saturday Unlinked Trips	362,496
Average Sunday Unlinked Trips	231,239

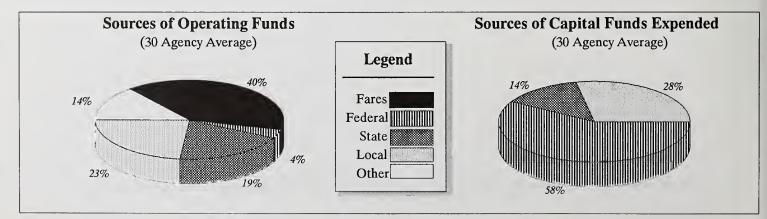
Service Supplied

Annual Vehicle Revenue Miles	54,278,810
Annual Vehicle Revenue Hours	3,606,966
Total Fleet	1,624
Vehicles Operated in Maximum Service	1,316
Base Period Requirement	680

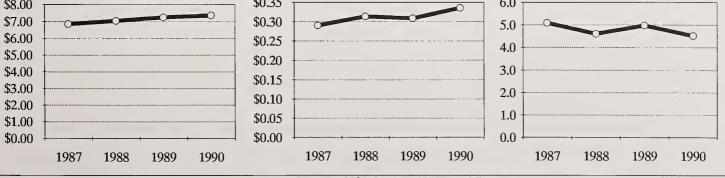
Vehicles Operated in Maximum Service

	Directly	Purchased
	Operated	Transportation
Demand Response	31	124
Ferry Boat	0	6
Motorbus	874	118
Trolleybus	114	0
Vanpool	140	0
Automated Guideway	9	0
Cable Car	26	0
Commuter Rail	605	289
Inclined Plane	2	2
Rapid Rail	750	0
Streetcar/Light Rail	61	0

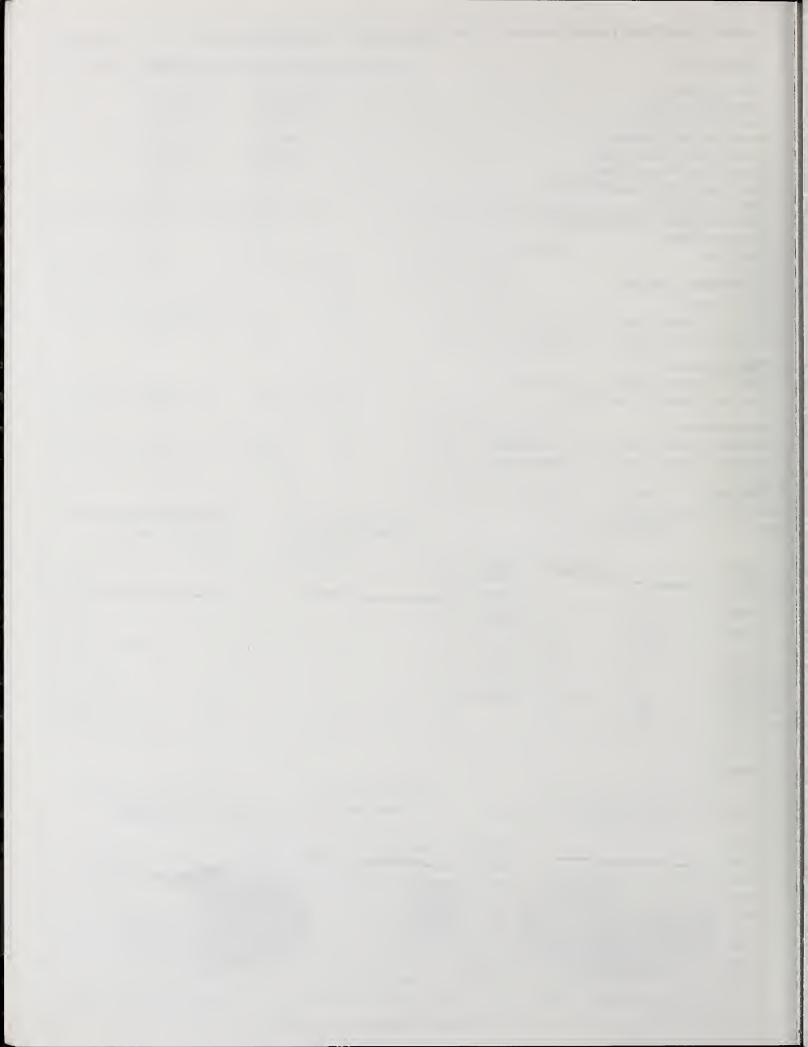
Sources of Operating Funds		
Passenger Fares		\$157,630,180
Local Assistance		92,382,919
State Assistance		75,438,990
Federal Assistance		15,205,078
Other Revenues		56,270,995
Total Operating Funds	(1990)	\$396,928,162
	(1989)	\$348,916,878
	(1988)	\$345,651,565
Summary of Operating Expenses		
Salaries/Wages/Benefits		\$277,142,433
Materials & Supplies		34,250,543
Purchased Transportation		14,916,435
Other Expenses		42,090,461
Total Operating Expenses	(1990)	\$368,399,871
	(1989)	\$350,128,866
	(1988)	\$333,131,401
Sources of Capital Funds Expende	ed	
Local Assistance		\$34,201,842
State Assistance		16,671,325
UMTA Sec. 3 Discretionary	\$24,753,328	
UMTA Sec. 9 Formula	31,133,836	
UMTA Other Assistance	14,070,169	
Other Federal Assistance	2,012,491	
Federal Assistance Total		71,969,825
Total Capital Funds Expended	(1990)	\$122,842,992
	(1989)	\$94,655,446
	(1988)	\$92,460,571



Characteristics						-				
					Motor	rbus	He	eavy Rail		
Derating Expense					\$190,665		\$34	5,770,664	ļ.	
nnual Unlinked Trips					129,333			2,264,677		
nnual Passenger Miles					448,943		1,034	4,106,464		
verage Weekday Unlinked Trips						,547		704,757		
nnual Vehicle Revenue Hours					2,680			2,374,470		
nnual Vehicle Revenue Miles					32,494		40	6,982,240		
xed Guideway Directional Route Miles						18.2		119.9		
otal Fleet					1	,110		927		
ehicles Operated in Maximum Service						913		750		
eak to Base Ratio						1.9		1.8		
pare Ratio						22%		24%	,	
erformance Measures										
ervice Efficiency operating Expense/Vehicle Revenue Hour					¢ግ	1.13		\$145.62		
perating Expense/Vehicle Revenue Mile						1.15 5.87		\$143.62		
perating Expense/ venicle Revenue whe					Φ	5.87		\$7.50		
ost Effectiveness					A			.		
perating Expense/Unlinked Passenger Tri	р					1.47		\$1.63		
perating Expense/Passenger Mile					\$	0.42		\$0.33	i	
ervice Effectiveness										
Jnlinked Passenger Trips/Vehicle Revenue	Hour					48.2		89.4		
Jnlinked Passenger Trips/Vehicle Revenue	Mile					4.0		4.5	í	
Motorbus										
110101 043										
Operating Expense Per Vehicle		Ope	erating E	xpense]	Per		Passe	nger Tri	ps Per V	ehicle
		-	erating E Passenge	-	Per		Passe	nger Trij Revenu	-	ehicle
Operating Expense Per Vehicle Revenue Mile	\$0.50	-	-	-	Per	5.0 т	Passe	<u> </u>	-	ehicle
Operating Expense Per Vehicle Revenue Mile	\$0.50	-	-	-	Per	5.0	Passe	<u> </u>	-	ehicle
Operating Expense Per Vehicle Revenue Mile	\$0.50 \$0.40	-	-	-	Per	5.0 4.0	Passe	<u> </u>	-	ehicle
Solution State Sta		-	-	-	Per		Passe	<u> </u>	-	ehicle
Secondary Second	\$0.40 \$0.30	-	-	-	Per	4.0 3.0	Passe	<u> </u>	-	ehicle
Second State	\$0.40 \$0.30 \$0.20	-	-	-	Per	4.0 - 3.0 - 2.0 -	Passe	<u> </u>	-	ehicle
Secondary Second	\$0.40 \$0.30	-	-	-	Per	4.0 3.0	Passe	<u> </u>	-	ehicle
S6.00 S5.00 S4.00 S2.00	\$0.40 \$0.30 \$0.20	-	-	-	Per	4.0 - 3.0 - 2.0 -	Passe	<u> </u>	-	ehicle
Operating Expense Per Vehicle Revenue Mile \$6.00 \$5.00 \$4.00 \$3.00 \$2.00 \$1.00	\$0.40 \$0.30 \$0.20 \$0.10	-	-	-	Per	4.0 - 3.0 - 2.0 - 1.0 -	Passe	<u> </u>	-	ehicle
Second Se	\$0.40 \$0.30 \$0.20 \$0.10	1987	Passenge 1988	er Mile	1990	4.0 - 3.0 - 2.0 - 1.0 -	1987	Revent	1989	199
S6.00 S5.00 \$4.00 \$3.00 \$2.00 \$1.00 \$1.00 1987 1988 1989	\$0.40 \$0.30 \$0.20 \$0.10	0	Passeng	1989 xpense l	1990	4.0 - 3.0 - 2.0 - 1.0 -	1987		1989	199



Source: 1990 Section 15 Annual Report



Appendix B Cross Reference Table

Location of Data Items from Section 15 Reports for the Thirty (30) Largest Agencies Based on Level of Reporting - R (Required Level) 1990 Report Year

System Wide Information

(All modes, directly operated service plus purchased service where the purchased provider may or may not file a separate report depending on whether the purchased transportation provider has greater than 50 vehicles in maximum service.)

Data Item

1. Agency Name, Address, Phone and ID Number

Location in Section 15 Report Form 001 (Transit System Identification Schedule), ID Number. Data items 1, and 2 (Transit System Name, Acronym, and Address).

2. Chief Executive Officer

Location in Section 15 Report CEO Certification and updated, as necessary, from trade publications prior to the date of publication

3. Purchased Transportation Provider

Location in Section 15 Report Form 002 (Contractual Relationship Indentification Schedule) ln 1, & Data items 4, and 5 (Type of Agency, and Nature of Contractual Relationship).

4. (1990 Census) Urbanized Area Statistics, Square Miles, Population and Rank *

Bureau of Census data as provided to the Urban Mass Transportation Administration.

5. Service Area Statistics, Square Miles, and Population *

Location in Section 15 Report MPO Statement

^{*} Aggregation of primary and purchased transportation providers. The individual purchased transportation provider reports can be found in the 1990 Transit Profiles, Agencies in Urbanized Areas with a Population Exceeding 200,000 for the 1990 Section 15 Report Year.

Service Consumption

Data Item

6. Annual Unlinked Trips *

Location in Section 15 Report

- Σ Form 406 (Transit System Service Supplied, Service Consumed, Service Personnel, & Service Operated Schedule - Non-Rail Mode) ln 12, col i +
- Σ Form 407 (Transit System Service Supplied, Service Consumed, Service Personnel, & Service Operated Schedule - Rail Mode) ln 13, col i.

7. Annual Passenger Miles *

Location in Section 15 Report

- Σ Form 406 (Transit System Service Supplied, Service Consumed, Service Personnel, & Service Operated Schedule - Non-Rail Mode) ln 13, col i +
- Σ Form 407 (Transit System Service Supplied, Service Consumed, Service Personnel, & Service Operated Schedule - Rail Mode) ln 14, col i.
- 8. Average Weekday Unlinked Trips *

Location in Section 15 Report

- Σ Form 406 (Transit System Service Supplied, Service Consumed, Service Personnel, & Service Operated Schedule - Non-Rail Mode) ln 12, col f +
- Σ Form 407 (Transit System Service Supplied, Service Consumed, Service Personnel, & Service Operated Schedule - Rail Mode) ln 13, col f.
- 9. Average Saturday Unlinked Trips *

Location in Section 15 Report

- Σ Form 406 (Transit System Service Supplied, Service Consumed, Service Personnel, & Service Operated Schedule - Non-Rail Mode) ln 12, col g +
- Σ Form 407 (Transit System Service Supplied, Service Consumed, Service Personnel, & Service Operated Schedule - Rail Mode) ln 13, col g.

^{*} Aggregation of primary and purchased transportation providers. The individual purchased transportation provider reports can be found in the 1990 Transit Profiles, Agencies in Urbanized Areas with a Population Exceeding 200,000 for the 1990 Section 15 Report Year.

10. Average Sunday Unlinked Trips *

Location in Section 15 Report

- Σ Form 406 (Transit System Service Supplied, Service Consumed, Service Personnel, & Service Operated Schedule - Non-Rail Mode) ln 12, col h +
- Σ Form 407 (Transit System Service Supplied, Service Consumed, Service Personnel, & Service Operated Schedule - Rail Mode) ln 13, col h.

Service Characteristics

Data Item

11. Annual Vehicle Revenue Miles *

Location in Section 15 Report

- Σ Form 406 (Transit System Service Supplied, Service Consumed, Service Personnel, & Service Operated Schedule - Non-Rail Mode) ln 04, col i +
- Σ Form 407 (Transit System Service Supplied, Service Consumed, Service Personnel, & Service Operated Schedule - Rail Mode) ln 08, col i.
- 12. Annual Vehicle Revenue Hours *

Location in Section 15 Report

- Σ Form 406 (Transit System Service Supplied, Service Consumed, Service Personnel, & Service Operated Schedule - Non-Rail Mode) ln 06, col i +
- Σ Form 407 (Transit System Service Supplied, Service Consumed, Service Personnel, & Service Operated Schedule - Rail Mode) ln 11, col i.

13. Total Fleet *

Location in Section 15 Report

- Σ Form 003 (Maximum Service Vehicles Summary Schedule Directly Operated) col f +
- Σ Form 004 (Maximum Service Vehicles Summary Schedule Purchased Transportation) col f.

14. Vehicles Operated in Maximum Service *

Location in Section 15 Report

- Σ Form 003 (Maximum Service Vehicles Summary Schedule Directly Operated) col e +
- Σ Form 004 (Maximum Service Vehicles Summary Schedule Purchased Transportation) col e.

15. Base Period Requirement *

Location in Section 15 Report

- Σ Form 406 (Transit System Service Supplied, Service Consumed, Service Personnel, & Service Operated Schedule - Non-Rail Mode) ln 01, col c +
- Σ Form 407 (Transit System Service Supplied, Service Consumed, Service Personnel, & Service Operated Schedule Rail Mode) ln 02, col c.

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

Vehicles Operated in Maximum Service Characteristics

Data Item

16. Mode, Type of Service, and Vehicles *

Location in Section 15 Report

Form 003 (Maximum Service Vehicles Summary Schedule - Directly Operated) and

Form 004 (Maximum Service Vehicles Summary Schedule - Purchased Transportation) col e (vehicles) and col b (mode).

Sources of Operating Funds

Data Item

17. Passenger Fares *

Location in Section 15 Report Form 201 (Revenue Summary Schedule) $\Sigma(\ln 01 \text{ and } 02, \text{ col } c)$.

18. Local Assistance *

<u>Location in Section 15 Report</u> Form 201 (Revenue Summary Schedule) $\Sigma(\ln 09 \text{ and } 10, \text{ col c}).$

19. State Assistance *

<u>Location in Section 15 Report</u> Form 201 (Revenue Summary Schedule) $\Sigma(\ln 11 \text{ and } 12, \text{ col } c)$.

20. Federal Assistance *

Location in Section 15 Report Form 201 (Revenue Summary Schedule) ln 13, col c.

21. Other Revenues *

<u>Computed</u>

Difference of Total Operating Funds, Passenger Fares, Local, State and Federal Assistance.

- Note: Other Revenues do not include miscellaneous funds. This data is reported separately on Form 203 (Revenue Subsidiary Schedule Sources of Public Assistance), In 16, columns b and c.
- 22. Total Operating Funds * (1990, 1989, 1988)

Location in Section 15 Report Form 201 (Revenue Summary Schedule) ln 17, col c.

Note: If Sources of Operating Funds indicates more than 50% Federal operating assistance, it is because miscellaneous funds are not recorded on Form 201 (Revenue Summary); or, because of other Federal financial assistance which is not restricted to a maximum 50% participation is provided.

Summary of Operating Expenses

Data Item

23. Salaries/Wages/Benefits

Location in Section 15 Report Form 301 (Expenses Classified By Function) $\Sigma(\ln 01, 02, \text{ and } 03, \text{ col } f)$ or Form 310 (Expenses Classified By Function) pg 1 $\Sigma(\ln 01, 02, \text{ and } 03, \text{ col } f)$.

24. Materials/Supplies

<u>Location in Section 15 Report</u> Form 301 (Expenses Classified By Function) $\Sigma(\ln 05, 06, \text{ and } 07, \text{ col } f)$ or Form 310 (Expenses Classified By Function) pg 1 $\Sigma(\ln 05, 06, \text{ and } 07, \text{ col } f)$.

25. Purchased Transportation

Location in Section 15 Report Form 301 (Expenses Classified By Function) ln 11, and ln 12 col f *or* Form 310 (Expenses Classified By Function) pg 1, ln 11, and ln 12 col f.

26. Other Expenses

Location in Section 15 Report

Form 301 (Expenses Classified By Function) $\Sigma(\ln 04, 08, 09, 10, 13, \text{ and } 14, \text{ col } f)$ or

Form 310 (Expenses Classified By Function) pg 1 Σ (ln 04, 08, 09, 10, 13, and 14, col f).

27. Total Operating Expenses (Total System Expenses) (1990, 1989, 1988)

Location in Section 15 Report

Form 301 (Expenses Classified By Function) $\Sigma(\ln 15, \operatorname{col} f)$ or Form 310 (Expenses Classified By Function) pg 1 $\Sigma(\ln 15, \operatorname{col} f)$ or Form 315 (System Summary By Object Class) pg 2 $\Sigma(\ln 27 \operatorname{col} b)$.

Sources of Capital Funds Expended

Data Item

28. Local Assistance *

Location in Section 15 Report Form 103 (Capital Subsidiary Schedule - Sources of Public Capital Assistance) ln 19, col c + ln 20, col c.

29. State Assistance *

Location in Section 15 Report Form 103 (Capital Subsidiary Schedule - Sources of Public Capital Assistance) ln 19, col b + ln 20, col b.

30. UMTA Section 3 Discretionary *

Location in Section 15 Report Form 103 (Capital Subsidiary Schedule - Sources of Public Capital Assistance) ln 1, col c.

31. UMTA Section 9 Formula *

Location in Section 15 Report Form 103 (Capital Subsidiary Schedule - Sources of Public Capital Assistance) In 02, col c.

32. UMTA Other Assistance *

Location in Section 15 Report

Form 103 (Capital Subsidiary Schedule - Sources of Public Capital Assistance) ln 03, col c.

33. Other Federal Assistance *

Location in Section 15 Report

Form 103 (Capital Subsidiary Schedule - Sources of Public Capital Assistance) $\Sigma(\ln 05 \text{ and } 06, \text{ col } c)$.

34. Federal Assistance Total *

Location in Section 15 Report Form 103 (Capital Subsidiary Schedule - Sources of Public Capital Assistance) In 07, col c.

35. Total Capital Funds Expended * (1990, 1989, 1988)

Location in Section 15 Report

Form 103 (Capital Subsidiary Schedule - Sources of Public Capital Assistance) ln 07, col c + ln 19 (col b and col c) + ln 20, (col b and col c).

Mode Level Information

(Maximum of four modes are summarized. Data is reported by mode with first priority to Motorbus (MB) and second priority to Heavy Rail (HR). All other modes are listed in descending order of their operating expenses. Mode data includes directly operated service including purchased service where the purchased provider does not file a separate report).

Characteristics

Data Item

36. Operating Expense *

Location in Section 15 Report Form 301 (Expenses Classified by Function) ln 15, col f *or* Form 310 (Direct, Joint, and Total Expenses by Object Class and Mode) Σ pg 2 through pg 5 ln 99, "mode."

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

Note: If Sources of Capital Funds Expended indicates more than 80% Federal share, it is because Federal funds other than Section 9 UMTA have been included.

37. Annual Unlinked Trips *

Location in Section 15 Report

Σ "mode" Form 406 (Transit System Service Supplied, Services Consumed, Service Personnel, and Service Operated Schedule Non-Rail Modes) ln 12, col i or
 Σ "mode" Form 407 (Transit System Service Supplied, Services Consumed, Service Personnel, and Service Operated Schedule - Rail Modes) ln 13, col i.

38. Annual Passenger Miles *

Location in Section 15 Report

Σ "mode" Form 406 (Transit System Service Supplied, Services Consumed, Service Personnel, and Service Operated Schedule Non-Rail Modes) ln 13, col i or
 Σ "mode" Form 407 (Transit System Service Supplied, Services Consumed, Service Personnel, and Service Operated Schedule - Rail Modes) ln 14, col i.

39. Average Weekday Unlinked Trips *

Location in Section 15 Report

Σ "mode" Form 406 (Transit System Service Supplied, Services Consumed, Service Personnel, and Service Operated Schedule Non-Rail Modes) ln 12, col f or
 Σ "mode" Form 407 (Transit System Service Supplied, Services Consumed, Service Personnel, and Service Operated Schedule - Rail Modes) ln 13, col f.

40. Annual Vehicle Revenue Hours *

Location in Section 15 Report

 Σ "mode" Form 406 (Transit System Service Supplied, Services Consumed, Service Personnel, and Service Operated Schedule Non-Rail Modes) ln 06, col i or
 Σ "mode" Form 407 (Transit System Service Supplied, Services Consumed, Service Personnel, and Service Operated Schedule - Rail Modes) ln 11, col i.

41. Annual Vehicle Revenue Miles *

Location in Section 15 Report

Σ "mode" Form 406 (Transit System Service Supplied, Services Consumed, Service Personnel, and Service Operated Schedule Non-Rail Modes) ln 04, col i or
 Σ "mode" Form 407 (Transit System Service Supplied, Services Consumed, Service Personnel, and Service Operated Schedule - Rail Modes) ln 08, col i.

42. Fixed-Guideway Directional Route Miles (FG) *

Location in Section 15 Report

Σ Form 403 (Transit Way Mileage Schedule) ln 09, col c or Σ Form 403 (Transit Way Mileage Schedule) ln 18, col c or Σ Form 403 (Transit Way Mileage Schedule) ln 27, col c or Σ Form 403 (Transit Way Mileage Schedule) ln 29, col c or Σ Form 403 (Transit Way Mileage Schedule) ln 31, col c or Σ Form 403 (Transit Way Mileage Schedule) ln 33, col c or Σ Form 403 (Transit Way Mileage Schedule) ln 34, col (c+d) or Σ Form 403 (Transit Way Mileage Schedule) ln 35, col (c+d) or Σ Form 403 (Transit Way Mileage Schedule) ln 35, col (c+d) or Σ Form 403 (Transit Way Mileage Schedule) ln 36, col (c+d) or Σ Form 403 (Transit Way Mileage Schedule) ln 37, col (c+d) or Σ Form 403 (Transit Way Mileage Schedule) ln 38, col (c+d).

43. Total Fleet *

Location in Section 15 Report

"Mode" Σ "vehicle type"

Form 003 (Maximum Service Vehicles Summary Schedule - Directly Operated) and

Form 004 (Maximum Service Vehicles Summary Schedule - Purchased Transportation) col f.

44. Vehicles Operated in Maximum Service *

Location in Section 15 Report

- Σ Form 003 (Maximum Service Vehicles Summary Schedule Directly Operated) col e +
- Σ Form 004 (Maximum Service Vehicles Summary Schedule Purchased Transportation) col e.
- 45. Peak to Base Ratio *

Location in Section 15 Report

- Σ "mode" Form 406 (Transit System Service Supplied, Services Consumed, Service Personnel, and Service Operated Schedule - Non-Rail Modes) ln 01, col b or d whichever is greater or
- Σ "mode" Form 407 (Transit System Service Supplied, Services Consumed, Service Personnel, and Service Operated Schedule - Rail Modes) ln 02, col b or d whichever is greater. ÷

 Σ "mode" Form 406 (Transit System Service Supplied, Services Consumed, Service Personnel, and Service Operated Schedule Non-Rail Modes) ln 01, col c or
 Σ "mode" Form 407 (Transit System Service Supplied, Services Consumed, Service Personnel, and Service Operated Schedule - Rail Modes) ln 02, col c.

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

46. Spare Ratio * <u>Computed</u> Item 43 ÷ Item 44

Performance Measures

Service Efficiency

Data Item

- 47. Operating Expense/Vehicle Revenue Hours. <u>Computed</u> Item 36 ÷ Item 40
- 48. Operating Expense/Vehicle Revenue Mile. <u>Computed</u> Item 36 ÷ Item 41

Cost Effectiveness

Data Item

49. Operating Expense/UPT. <u>Computed</u> Item 36 ÷ Item 37

^{*} Aggregation of primary and purchased transportation providers. The individual purchased transportation provider reports can be found in the 1990 Transit Profiles, Agencies in Urbanized Areas with a Population Exceeding 200,000 for the 1990 Section 15 Report Year.

50. Operating Expense/Passenger Mile. <u>Computed</u> Item 36 ÷ Item 38

Service Effectiveness

Data Item

51. UPT's/Vehicle Revenue Hour. <u>Computed</u> Item 37 ÷ Item 40

- 52. UPT's/Vehicle Revenue Mile. <u>Computed</u> Item 37 ÷ Item 41
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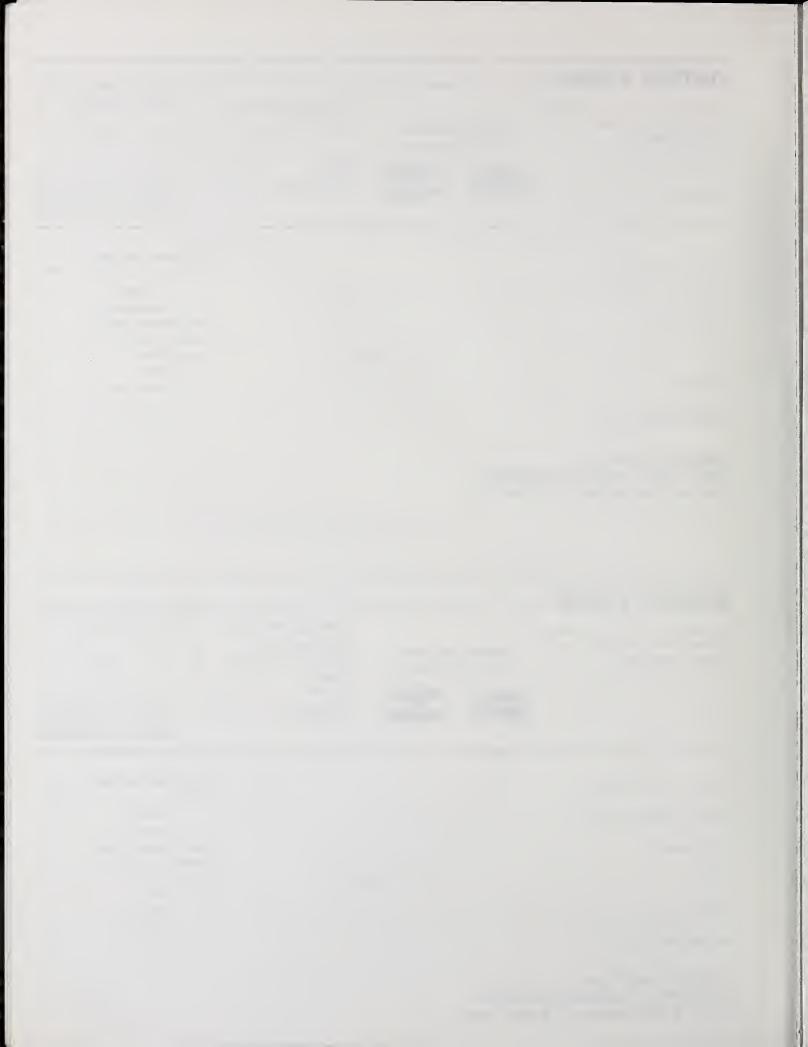
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