

# Charlotte Area Transit System (CATS)

## General Information

### Urbanized Area (UZA) Statistics - 2000 Census

Charlotte, NC-SC	
Square Miles	435
Population	758,927
Population Ranking out of 465 UZAs	48
Other UZAs Served	199, 229, 338

### Service Area Statistics

Square Miles	445
Population	681,310

### Service Consumption

Annual Passenger Miles	106,824,856
Annual Unlinked Trips	21,176,801
Average Weekday Unlinked Trips	73,102
Average Saturday Unlinked Trips	34,360
Average Sunday Unlinked Trips	15,132

### Service Supplied

Annual Vehicle Revenue Miles	15,075,726
Annual Vehicle Revenue Hours	970,320
Vehicles Operated in Maximum Service	429
Vehicles Available for Maximum Service	541
Base Period Requirement	145

## Financial Information

<b>Fare Revenues Earned</b>	\$12,614,966
<b>Sources of Operating Funds Expended</b>	
Fare Revenues (14%)	\$12,614,966
Local Funds (71%)	61,950,353
State Funds (14%)	12,542,265
Federal Assistance (0%)	0
Other Funds (0%)	359,133
<b>Total Operating Funds Expended</b>	<b>\$87,466,717</b>
<b>Sources of Capital Funds Expended</b>	
Local funds (58%)	\$108,417,345
State Funds (23%)	43,082,876
Federal Assistance (19%)	36,655,065
Other Funds (0%)	0
<b>Total Capital Funds Expended</b>	<b>\$188,155,286</b>

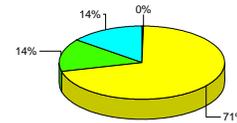
## Summary of Operating Expenses

Salary, Wages and Benefits	\$51,658,378
Materials and Supplies	14,332,842
Purchased Transportation	1,049,358
Other Operating Expenses	11,104,547
<b>Total Operating Expenses</b>	<b>\$78,145,125</b>
Reconciling Cash Expenditures	\$9,321,599

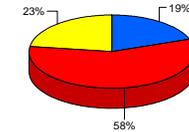
## Vehicles Operated in Maximum Service and Uses of Capital Funds

	Directly Operated	Purchased Transportation <sup>1</sup>	Revenue Vehicles	Systems and Guideways	Facilities and Stations	Other	Total
Bus	255	8	\$576,076	\$487,533	\$6,803,276	\$881,232	<b>\$8,748,117</b>
Demand Response	69	0	\$0	\$79,000	\$15,024	\$0	<b>\$94,024</b>
Light Rail	2	0	\$40,938	\$174,527,241	\$2,499,701	\$556,776	<b>\$177,624,656</b>
Vanpool	95	0	\$1,424,577	\$71,723	\$300	\$191,889	<b>\$1,688,489</b>
<b>Total</b>	<b>421</b>	<b>8</b>	<b>\$2,041,591</b>	<b>\$175,165,497</b>	<b>\$9,318,301</b>	<b>\$1,629,897</b>	<b>\$188,155,286</b>

## Sources of Operating Funds Expended



## Sources of Capital Funds Expended



## Modal Characteristics

	Operating Expenses <sup>1</sup>	Fare Revenues <sup>1</sup>	Uses of Capital Funds	Annual Passenger Miles	Annual Vehicle Revenue Miles	Annual Unlinked Trips	Annual Vehicle Revenue Hours	Fixed Guideway Directional Route Miles	Vehicles Available for Maximum Service	Average Fleet Age in Years	Vehicles Operated in Maximum Service	Peak to Base Ratio	Percent Spares
Bus	\$66,491,287	\$11,320,176	\$8,748,117	90,115,129	10,926,679	20,407,190	798,013	22.0	324	4.9	263	1.84	23%
Demand Response	\$8,203,108	\$635,324	\$94,024	2,460,286	2,313,700	300,354	131,925	N/A	113	3.9	69	N/A	64%
Light Rail	\$1,932,840	\$212,637	\$177,624,656	279,464	21,677	175,329	5,280	3.9	4	21.3	2	1.00	100%
Vanpool	\$1,517,890	\$446,829	\$1,688,489	13,969,977	1,813,670	293,928	35,102	N/A	100	3.6	95	N/A	5%

## Performance Measures

### Service Efficiency

	Operating Expense per Vehicle Revenue Mile	Operating Expense per Vehicle Revenue Hour
Bus	\$6.09	\$83.32
Demand Response	\$3.55	\$62.18
Light Rail	\$89.17	\$366.07
Vanpool	\$0.84	\$43.24

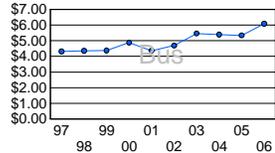
### Cost Effectiveness

	Operating Expense per Passenger Mile	Operating Expense per Unlinked Passenger Trip
Bus	\$0.74	\$3.26
Demand Response	\$3.33	\$27.31
Light Rail	\$6.92	\$11.02
Vanpool	\$0.11	\$5.16

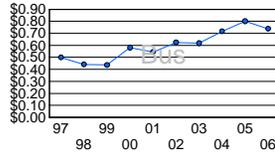
### Service Effectiveness

	Unlinked Passenger Trips per Vehicle Revenue Mile	Unlinked Passenger Trips per Vehicle Revenue Hour
Bus	1.87	25.57
Demand Response	0.13	2.28
Light Rail	8.09	33.21
Vanpool	0.16	8.37

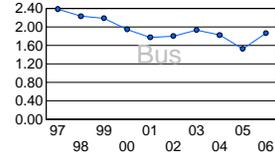
Operating Expenses per Vehicle Revenue Mile



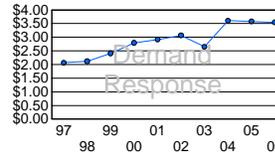
Operating Expenses per Passenger Mile



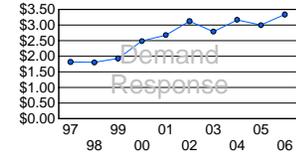
Unlinked Passenger Trips per Vehicle Revenue Mile



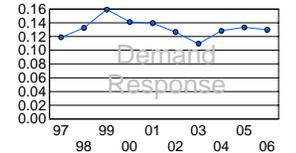
Operating Expenses per Vehicle Revenue Mile



Operating Expenses per Passenger Mile



Unlinked Passenger Trips per Vehicle Revenue Mile



<sup>1</sup> Excludes data for purchased transportation reported separately