

# Fairbanks North Star Borough Transit (MACS)

## General Information

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

Fairbanks, AK	
Square Miles	43
Population	51,926
Population Ranking out of 465 UZAs	446
Other UZAs Served	

### Service Area Statistics

Square Miles	7,361
Population	84,791

### Service Consumption

Annual Passenger Miles	2,915,063
Annual Unlinked Trips	420,162
Average Weekday Unlinked Trips	1,513
Average Saturday Unlinked Trips	644
Average Sunday Unlinked Trips	10

### Service Supplied

Annual Vehicle Revenue Miles	431,461 Q
Annual Vehicle Revenue Hours	28,627
Vehicles Operated in Maximum Service	11
Vehicles Available for Maximum Service	13
Base Period Requirement	4

## Financial Information

**Fare Revenues Earned** \$193,344

### Sources of Operating Funds Expended

Fare Revenues	( 7%)	\$193,344
Local Funds	( 69%)	1,962,520
State Funds	( 0%)	10,734
Federal Assistance	( 23%)	653,240
Other Funds	( 0%)	13,963

**Total Operating Funds Expended** **\$2,833,801**

### Sources of Capital Funds Expended

Local funds	( 1%)	\$1,864
State Funds	( 19%)	44,775
Federal Assistance	( 80%)	189,843
Other Funds	( 0%)	0

**Total Capital Funds Expended** **\$236,482**

## Summary of Operating Expenses

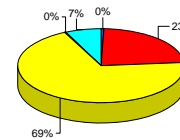
Salary, Wages and Benefits	\$2,130,416
Materials and Supplies	299,609
Purchased Transportation	0
Other Operating Expenses	403,775
<b>Total Operating Expenses</b>	<b>\$2,833,800</b>

Reconciling Cash Expenditures \$0

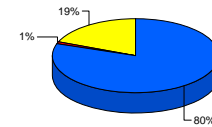
## Vehicles Operated in Maximum Service and Uses of Capital Funds

	Directly Operated	Purchased Transportation <sup>1</sup>	Revenue Vehicles	Systems and Guideways	Facilities and Stations	Other	Total
Bus	7	0	\$0	\$10,743	\$0	\$29,190	<b>\$39,933</b>
Demand Response	4	0	\$0	\$0	\$93,163	\$103,386	<b>\$196,549</b>
<b>Total</b>	<b>11</b>	<b>0</b>	<b>\$0</b>	<b>\$10,743</b>	<b>\$93,163</b>	<b>\$132,576</b>	<b>\$236,482</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	\$1,788,331	\$166,352	\$39,933	2,824,662	297,665	399,056	18,190	0.0	8	11.0	7	1.75	14%
Demand Response	\$1,045,469	\$26,992	\$196,549	90,401	133,796 Q	21,106	10,437	N/A	5	6.0	4	N/A	25%

## Performance Measures

### Service Efficiency

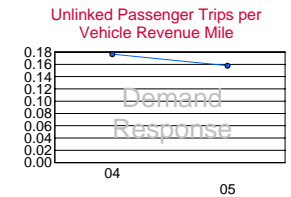
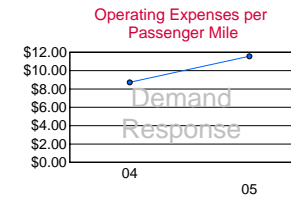
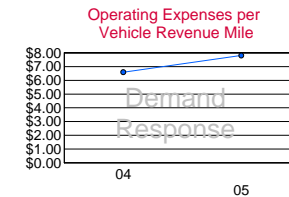
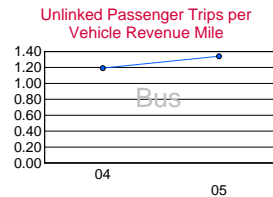
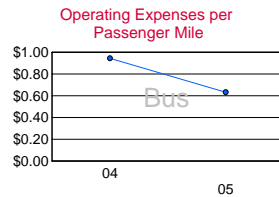
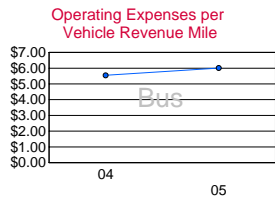
	Operating Expense per Vehicle Revenue Mile	Operating Expense per Vehicle Revenue Hour
Bus	\$6.01	\$98.31
Demand Response	\$7.81 Q	\$100.17

### Cost Effectiveness

	Operating Expense per Passenger Mile	Operating Expense per Unlinked Passenger Trip
Bus	\$0.63 Q	\$4.48
Demand Response	\$11.56 Q	\$49.53

### Service Effectiveness

	Unlinked Passenger Trips per Vehicle Revenue Mile	Unlinked Passenger Trips per Vehicle Revenue Hour
Bus	1.34	21.94
Demand Response	0.16 Q	2.02



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