

# Rapid Transit System

## General Information

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

Rapid City, SD	
Square Miles	30
Population	66,780
Population Ranking out of 465 UZAs	362
Other UZAs Served	

### Service Area Statistics

Square Miles	49
Population	59,607

### Service Consumption

Annual Passenger Miles	1,179,010
Annual Unlinked Trips	275,304
Average Weekday Unlinked Trips	1,096
Average Saturday Unlinked Trips	26
Average Sunday Unlinked Trips	0

### Service Supplied

Annual Vehicle Revenue Miles	408,821
Annual Vehicle Revenue Hours	33,466
Vehicles Operated in Maximum Service	15
Vehicles Available for Maximum Service	19
Base Period Requirement	5

## Financial Information

Fare Revenues Earned \$270,344

### Sources of Operating Funds Expended

Fare Revenues	( 20%)	\$270,344
Local Funds	( 36%)	479,832
State Funds	( 2%)	28,425
Federal Assistance	( 42%)	567,057
Other Funds	( 0%)	0

**Total Operating Funds Expended \$1,345,658**

### Sources of Capital Funds Expended

Local funds	( 17%)	\$102,464
State Funds	( 0%)	0
Federal Assistance	( 83%)	500,266
Other Funds	( 0%)	0

**Total Capital Funds Expended \$602,730**

## Summary of Operating Expenses

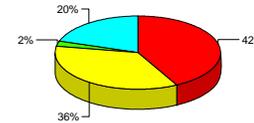
Salary, Wages and Benefits	\$969,918
Materials and Supplies	169,417
Purchased Transportation	0
Other Operating Expenses	177,523
<b>Total Operating Expenses</b>	<b>\$1,316,858</b>

Reconciling Cash Expenditures \$28,800

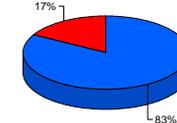
## Vehicles Operated in Maximum Service and Uses of Capital Funds

	Directly Operated	Purchased Transportation <sup>1</sup>	Revenue Vehicles	Systems and Guideways	Facilities and Stations	Other	Total
Bus	5	0	\$537,020	\$0	\$0	\$0	\$537,020
Demand Response	10	0	\$65,710	\$0	\$0	\$0	\$65,710
<b>Total</b>	<b>15</b>	<b>0</b>	<b>\$602,730</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$602,730</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	\$569,994	\$122,818	\$537,020	772,050	195,123	192,452	14,696	0.0	8	1.4	5	1.00	60%
Demand Response	\$746,864	\$147,526	\$65,710	406,960	213,698	82,852	18,770	N/A	11	2.7	10	N/A	10%

## Performance Measures

### Service Efficiency

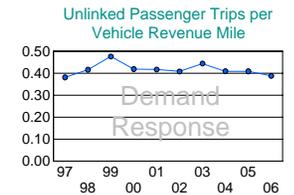
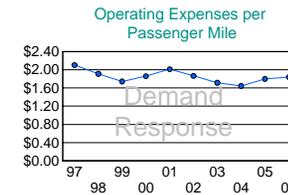
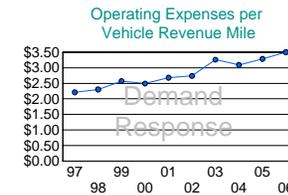
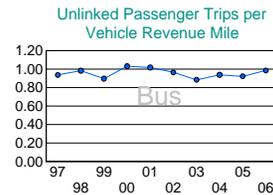
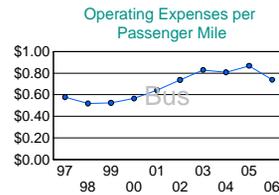
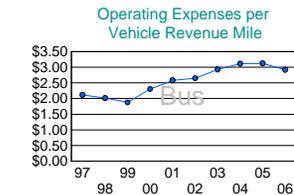
	Operating Expense per Vehicle Revenue Mile	Operating Expense per Vehicle Revenue Hour
Bus	\$2.92	\$38.79
Demand Response	\$3.49	\$39.79

### Cost Effectiveness

	Operating Expense per Passenger Mile	Operating Expense per Unlinked Passenger Trip
Bus	\$0.74	\$2.96
Demand Response	\$1.84	\$9.01

### Service Effectiveness

	Unlinked Passenger Trips per Vehicle Revenue Mile	Unlinked Passenger Trips per Vehicle Revenue Hour
Bus	0.99	13.10
Demand Response	0.39	4.41



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