# Miami Valley Regional Transit Authority (Miami Valley RTA)

ID Number: 5017
www.mvrta.org
600 Longworth Street
Dayton, OH 45401

Chief Executive Officer: Minnie F. Johnson, Ph.D.,
Executive Director
(937)425-8500

## System Wide Information

### General Information

**Urbanized Area (UZA) Statistics — 1990 Census**

| | |
|---|---|
| **Dayton, OH** | |
| Square Miles | 274 |
| Population | 613,467 |
| Population Ranking out of 405 UZAs | 49 |

**Service Area Statistics**

| | |
|---|---|
| Square Miles | 274 |
| Population | 559,062 |

**Service Consumption**

| | |
|---|---|
| Annual Passenger Miles | 51,848,049 |
| Annual Unlinked Trips | 14,901,825 |
| Average Weekday Unlinked Trips | 50,143 |
| Average Saturday Unlinked Trips | 24,763 |
| Average Sunday Unlinked Trips | 14,709 |

**Service Supplied**

| | |
|---|---|
| Annual Vehicle Revenue Miles | 9,339,830 |
| Annual Vehicle Revenue Hours | 690,320 |
| Vehicles Available for Maximum Service | 298 |
| Vehicles Operated in Maximum Service | 220 |
| Base Period Requirement | 88 |

### Financial Information

**Fare Revenues Earned**

| | |
|---|---|
| Directly Operated | $6,845,333 |
| Purchased Transportation | 0 |
| **Total Fare Revenues Earned** | **$6,845,333** |

**Sources of Operating Funds Expended**

| | |
|---|---|
| Passenger Fares | $6,845,333 |
| Local Funds | 35,862,981 |
| State Funds | 824,565 |
| Federal Assistance[1] | 412,734 |
| Other Funds | 785,783 |
| **Total Operating Funds Expended** | **$44,731,396** |

**Summary of Operating Expenses**

| | |
|---|---|
| Salaries, Wages and Benefits | $39,517,141 |
| Materials and Supplies | 5,529,204 |
| Purchased Transportation | 0 |
| Other Operating Expenses | 6,701,467 |
| **Total Operating Expenses** | **$51,747,812** |
| Reconciling Cash Expenditures | $898,441 |

**Sources of Capital Funds Expended**

| | |
|---|---|
| Local Funds | $4,265,123 |
| State Funds | 1,898,641 |
| Federal Assistance[2] | 22,536,666 |
| **Total Capital Funds Expended** | **$28,700,430** |

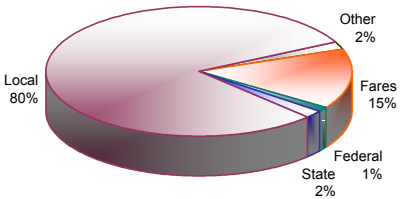
### Vehicles Operated in Maximum Service

| | Directly Operated | Purchased Transportation |
|---|---|---|
| Bus | 174 | 0 |
| Demand Response | 43 | 0 |
| Trolleybus | 3 | 0 |
| **Total** | **220** | **0** |

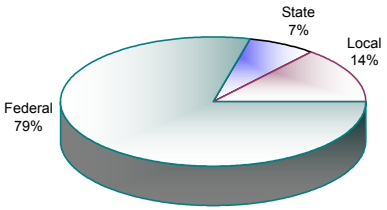
### Uses of Capital Funds

| | Rolling Stock | Facilities and Other | Total |
|---|---|---|---|
| Bus | $6,572,068 | $9,034,608 | $15,606,676 |
| Demand Response | 2,033,510 | 2,795,462 | 4,828,972 |
| Trolleybus | 147,356 | 202,569 | 349,925 |
| **Total** | **$8,752,934** | **$12,032,639** | **$20,785,573** |

**Sources of Operating Funds Expended**




**Sources of Capital Funds Expended**




## Modal Information

### Characteristics

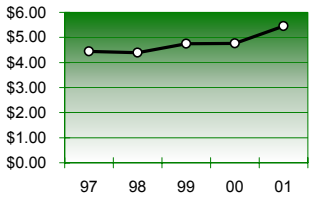
| | Bus | Demand Response | Trolleybus |
|---|---|---|---|
| Operating Expense | $43,159,513 | $7,723,208 | $865,091 |
| Capital Funding | $15,606,676 | $4,828,972 | $349,925 |
| Annual Passenger Miles | 49,906,117 | 1,263,845 | 678,087 |
| Annual Vehicle Revenue Miles | 7,919,126 | 1,313,713 | 106,991 |
| Annual Unlinked Trips | 14,460,554 | 151,920 | 289,351 |
| Average Weekday Unlinked Trips | 48,639 | 522 | 982 |
| Annual Vehicle Revenue Hours | 573,782 | 106,469 | 10,069 |
| Fixed Guideway Directional Route Miles | 0.0 | N/A | 0.0 |
| Vehicles Available for Maximum Service | 224 | 69 | 5 |
| Average Fleet Age in Years | 7.9 | 2.1 | 7.4 |
| Vehicles Operated in Maximum Service | 174 | 43 | 3 |
| Peak to Base Ratio | 2.0 | N/A | 1.5 |
| Percent Spares | 29% | 60% | 67% |
| Incidents | 122 | 54 | 8 |
| Patron Fatalities | 0 | 0 | 0 |

### Performance Measures

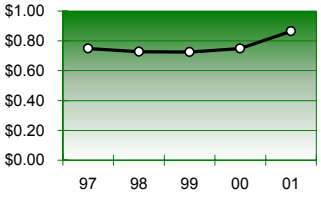
| | Bus | Demand Response | Trolleybus |
|---|---|---|---|
| **Service Efficiency** | | | |
| Operating Expense per Vehicle Revenue Mile | $5.45 | $5.88 | $8.09 |
| Operating Expense per Vehicle Revenue Hour | $75.22 | $72.54 | $85.92 |
| **Cost Effectiveness** | | | |
| Operating Expense per Passenger Mile | $0.86 | $6.11 | $1.28 |
| Operating Expense per Unlinked Passenger Trip | $2.98 | $50.84 | $2.99 |
| **Service Effectiveness** | | | |
| Unlinked Passenger Trips per Vehicle Revenue Mile | 1.83 | 0.12 | 2.70 |
| Unlinked Passenger Trips per Vehicle Revenue Hour | 25.20 | 1.43 | 28.74 |

**Bus**

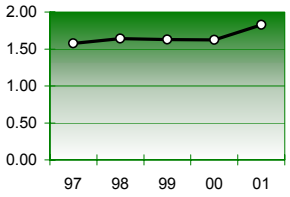
Operating Expense per Vehicle Revenue Mile




Operating Expense per Passenger Mile

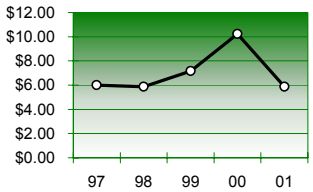



Passenger Trips per Vehicle Revenue Mile

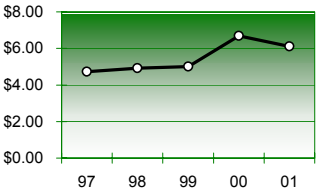



**Demand Response**

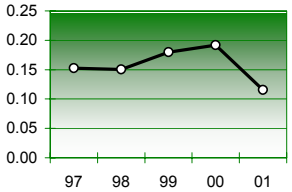
Operating Expense per Vehicle Revenue Mile




Operating Expense per Passenger Mile




Passenger Trips per Vehicle Revenue Mile




[1] Excludes Federal capital funds used to pay for operating expenses.

[2] Includes Federal capital funds used to pay for operating expenses.

*Data Source: 2001 National Transit Database*

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