Miami Valley Regional Transit Authority (RTA)

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

Chief Executive Officer: Minnie F. Johnson, Ph.D.,
Executive Director
(937)443-3105

System Wide Information

General Information

Urbanized Area (UZA) Statistics — 1990 Census

Dayton, OH	
Square Miles	274
Population	613,467
Population Ranking out of 405 UZA's	49

Service Area Statistics

Square Miles	274
Population	573,809

Service Consumption

Annual Passenger Miles	52,361,739
Annual Unlinked Trips	14,604,303
Average Weekday Unlinked Trips	48,515
Average Saturday Unlinked Trips	25,414
Average Sunday Unlinked Trips	16,196

Service Supplied

Annual Vehicle Revenue Miles	8,806,284
Annual Vehicle Revenue Hours	676,415
Vehicles Available for Maximum Service	303
Vehicles Operated in Maximum Service	244
Base Period Requirement	89

Financial Information

Fare Revenues Earned

Directly Operated	$7,164,788
Purchased Transportation	0
Total Fare Revenues Earned	**$7,164,788**

Sources of Operating Funds Expended

Passenger Fares	$7,164,788
Local Funds	32,070,016
State Funds	2,684,079
Federal Assistance	3,478,311
Other Funds	2,025,055
Total Operating Funds Expended	**$47,422,249**

Summary of Operating Expenses

Salaries, Wages and Benefits	$36,748,914
Materials and Supplies	3,756,673
Purchased Transportation	0
Other Operating Expenses	5,859,582
Total Operating Expenses	**$46,365,169**
Reconciling Cash Expenditures	$1,057,080

Sources of Capital Funds Expended

Local Funds	$5,348,437
State Funds	1,449,816
Federal Assistance	16,113,513
Total Capital Funds Expended	**$22,911,766**

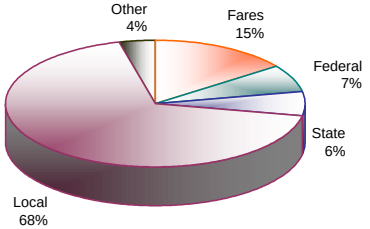
Vehicles Operated in Maximum Service

	Directly Operated	Purchased Transportation
Bus	161	0
Trolleybus	43	0
Demand Response	40	0
Total	**244**	**0**

Uses of Capital Funds

	Rolling Stock	Facilities and Other	Total
Bus	$0	$2,718,999	$2,718,999
Trolleybus	11,015,938	7,275,703	18,291,641
Demand Response	1,209,129	691,997	1,901,126
Total	**$12,225,067**	**$10,686,699**	**$22,911,766**

Sources of Operating Funds Expended



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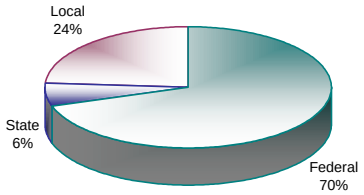


Modal Information

Characteristics

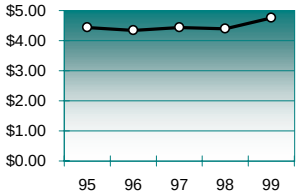
	Bus	Trolleybus	Demand Response
Operating Expense	$31,204,575	$9,057,204	$6,103,390
Capital Funding	$2,718,999	$18,291,641	$1,901,126
Annual Passenger Miles	43,007,196	8,137,226	1,217,317
Annual Vehicle Revenue Miles	6,563,638	1,391,260	851,386
Annual Unlinked Trips	10,690,146	3,761,318	152,839
Average Weekday Unlinked Trips	35,559	12,435	521
Annual Vehicle Revenue Hours	448,829	130,864	96,722
Fixed Guideway Directional Route Miles	0.0	117.6	N/A
Vehicles Available for Maximum Service	194	59	50
Average Fleet Age in Years	7.3	5.1	3.6
Vehicles Operated in Maximum Service	161	43	40
Peak to Base Ratio	2.2	1.5	N/A
Percent Spares	20%	37%	25%
Incidents	110	32	16
Patron Fatalities	0	0	0

Performance Measures

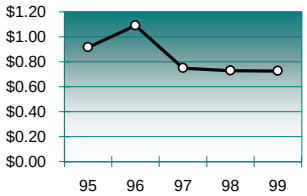
	Bus	Trolleybus	Demand Response
Service Efficiency			
Operating Expense per Vehicle Revenue Mile	$4.75	$6.51	$7.17
Operating Expense per Vehicle Revenue Hour	$69.52	$69.21	$63.10
Cost Effectiveness			
Operating Expense per Passenger Mile	$0.73	$1.11	$5.01
Operating Expense per Unlinked Passenger Trip	$2.92	$2.41	$39.93
Service Effectiveness			
Unlinked Passenger Trips per Vehicle Revenue Mile	1.63	2.70	0.18
Unlinked Passenger Trips per Vehicle Revenue Hour	23.82	28.74	1.58

Bus

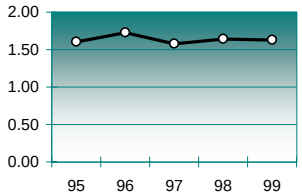
Operating Expense per Vehicle Revenue Mile



Operating Expense per Passenger Mile

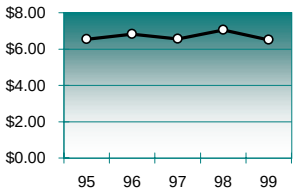


Passenger Trips per Vehicle Revenue Mile

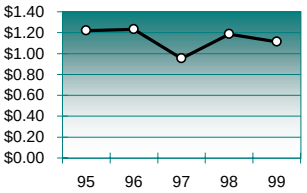


Trolleybus

Operating Expense per Vehicle Revenue Mile



Operating Expense per Passenger Mile



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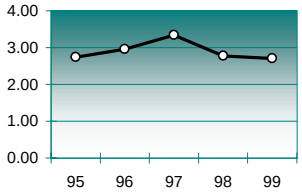

Data Source: 1999 National Transit Database