Blue Water Area Transportation Commission (the Wave)

ID Number: 5148
www.bwbus.com
2021 Cleveland Avenue
Port Huron, MI 48060

Chief Executive Officer: Jim Wilson,
General Manager
(810)987-7381

System Wide Information

General Information

Urbanized Area (UZA) Statistics — 1990 Census

Port Huron, MI	
Square Miles	29
Population	62,774
Population Ranking out of 405 UZA's	324

Service Area Statistics

Square Miles	725
Population	165,000

Service Consumption

Annual Passenger Miles	2,414,610
Annual Unlinked Trips	2,787,259
Average Weekday Unlinked Trips	8,262
Average Saturday Unlinked Trips	7,550
Average Sunday Unlinked Trips	5,375

Service Supplied

Annual Vehicle Revenue Miles	1,544,951
Annual Vehicle Revenue Hours	116,357
Vehicles Available for Maximum Service	84
Vehicles Operated in Maximum Service	82
Base Period Requirement	12

Financial Information

Fare Revenues Earned

Directly Operated	$191,468
Purchased Transportation	2,505,951
Total Fare Revenues Earned	**$2,697,419**

Sources of Operating Funds Expended

Passenger Fares	$2,697,419
Local Funds	481,364
State Funds	2,123,353
Federal Assistance	334,773
Other Funds	40,751
Total Operating Funds Expended	**$5,677,660**

Summary of Operating Expenses

Salaries, Wages and Benefits	$1,442,951
Materials and Supplies	266,318
Purchased Transportation	3,635,344
Other Operating Expenses	333,047
Total Operating Expenses	**$5,677,660**
Reconciling Cash Expenditures	$0

Sources of Capital Funds Expended

Local Funds	$0
State Funds	244,645
Federal Assistance	875,674
Total Capital Funds Expended	**$1,120,319**

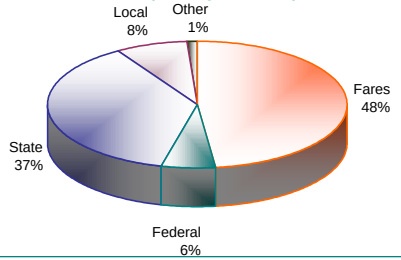
Vehicles Operated in Maximum Service

	Directly Operated	Purchased Transportation
Bus	8	0
Demand Response	9	61
Ferry Boat	0	4
Total	**17**	**65**

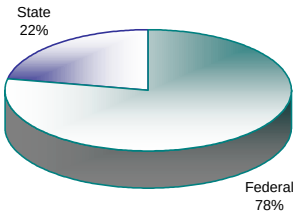
Uses of Capital Funds

	Rolling Stock	Facilities and Other	Total
Bus	$679,000	$441,319	$1,120,319
Demand Response	0	0	0
Ferry Boat	0	0	0
Total	**$679,000**	**$441,319**	**$1,120,319**

Sources of Operating Funds Expended



Sources of Capital Funds Expended



Modal Information

Characteristics

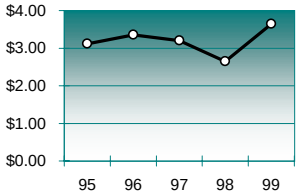
	Bus	Demand Response	Ferry Boat
Operating Expense	$1,394,923	$2,635,718	$1,647,019
Capital Funding	$1,120,319	$0	$0
Annual Passenger Miles	1,259,451	1,050,779	104,380
Annual Vehicle Revenue Miles	382,915	1,106,299	55,737
Annual Unlinked Trips	377,307	324,338	2,085,614
Average Weekday Unlinked Trips	1,457	1,295	5,510
Annual Vehicle Revenue Hours	28,179	74,050	14,128
Fixed Guideway Directional Route Miles	0.0	N/A	1.0
Vehicles Available for Maximum Service	9	71	4
Average Fleet Age in Years	4.8	3.2	29.5
Vehicles Operated in Maximum Service	8	70	4
Peak to Base Ratio	1.0	N/A	1.0
Percent Spares	13%	1%	0%
Incidents	2	1	0
Patron Fatalities	0	0	0

Performance Measures

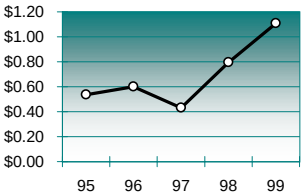
	Bus	Demand Response	Ferry Boat
Service Efficiency			
Operating Expense per Vehicle Revenue Mile	$3.64	$2.38	$29.55
Operating Expense per Vehicle Revenue Hour	$49.50	$35.59	$116.58
Cost Effectiveness			
Operating Expense per Passenger Mile	$1.11	$2.51	$15.78
Operating Expense per Unlinked Passenger Trip	$3.70	$8.13	$0.79
Service Effectiveness			
Unlinked Passenger Trips per Vehicle Revenue Mile	0.99	0.29	37.42
Unlinked Passenger Trips per Vehicle Revenue Hour	13.39	4.38	147.62

Bus

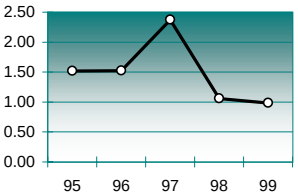
Operating Expense per Vehicle Revenue Mile



Operating Expense per Passenger Mile

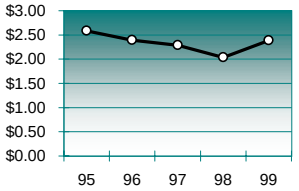


Passenger Trips per Vehicle Revenue Mile

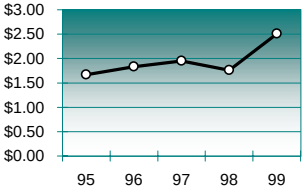


Demand Response

Operating Expense per Vehicle Revenue Mile



Operating Expense per Passenger Mile



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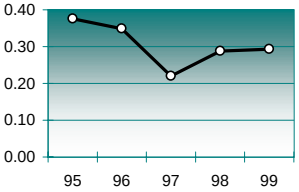

Data Source: 1999 National Transit Database