

9.10 METRO TRANSIT SERVICES

Minneapolis - St. Paul Metropolitan Council (Metro Transit)

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560 Sixth Avenue, North
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System Wide Information

General Information

Urbanized Area (UZA) Statistics — 1990 Census	
Minneapolis-St. Paul, MN	
Square Miles	1,063
Population	2,079,676
Population Ranking out of 405 UZAs	13

Financial Information

Fare Revenues Earned	\$59,180,532
Directly Operated	0
Purchased Transportation	\$59,180,532
Total Fare Revenues Earned	\$59,180,532

Sources of Operating Funds Expended

Passenger Fares	\$59,180,532
Local Funds	58,336,910
State Funds	43,166,595
Federal Assistance ¹	632,010
Other Funds	5,021,790
Total Operating Funds Expended	\$166,337,837

Summary of Operating Expenses

Salaries, Wages and Benefits	\$136,791,856
Materials and Supplies	17,915,956
Purchased Transportation	0
Other Operating Expenses	14,227,526
Total Operating Expenses	\$168,935,338

Reconciling Cash Expenditures

Annual Vehicle Revenue Miles	25,153,334
Annual Vehicle Revenue Hours	1,785,455
Vehicles Available for Maximum Service	922
Vehicles Operated in Maximum Service	785
Base Period Requirement	293

Uses of Capital Funds

Directly Operated	0
Purchased Transportation	0
Light Rail	0
Total	0

Facilities and Other

Rolling Stock	\$28,883,406
Light Rail	0
Total	\$28,883,406

Sources of Capital Funds Expended

Bus	\$29,171,600
Light Rail	34,634,732
Total	\$64,006,332



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

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

Modal Information

Characteristics

Operating Expense	\$168,935,338
Capital Funding	\$58,055,006
Annual Passenger Miles	308,732,555
Annual Vehicle Revenue Miles	25,153,334
Annual Unlinked Trips	73,477,709
Average Weekday Unlinked Trips	243,987
Annual Vehicle Revenue Hours	1,785,455
Fixed Guideway Directional Route Miles	208.0
Vehicles Available for Maximum Service	922
Average Fleet Age in Years	5.3
Vehicles Operated in Maximum Service	785
Peak to Base Ratio	2.6
Percent Spares	17%
Incidents	532
Patron Fatalities	0

Performance Measures

Service Efficiency	\$6.72
Operating Expense per Vehicle Revenue Mile	\$94.62
Operating Expense per Passenger Mile	\$0.55
Operating Expense per Unlinked Passenger Trip	\$2.30
Service Effectiveness	2.92
Unlinked Passenger Trips per Vehicle Revenue Mile	41.15

Cost Effectiveness

Operating Expense per Vehicle Revenue Mile	\$6.72
Operating Expense per Passenger Mile	\$0.55
Operating Expense per Unlinked Passenger Trip	\$2.30

Service Effectiveness

Unlinked Passenger Trips per Vehicle Revenue Mile	41.15
Unlinked Passenger Trips per Vehicle Revenue Hour	2.92

Operating Expense per Vehicle Revenue Mile



Operating Expense per Passenger Mile



Operating Expense per Unlinked Passenger Trip



Passenger Trips per Vehicle Revenue Mile

9.11 GLOSSARY

GLOSSARY

ACHP – Advisory Council on Historic Preservation

ACRRA – Anoka County Regional Railroad Authority

ADA – Americans with Disabilities Act

ADT – Average Daily Traffic

APTA – American Public Transit Association

AQCR – Air Quality Control Region

AST – Aboveground Storage Tanks

AVL – automatic vehicle locator

BGA – Bureau of Economic Analysis

bgs – below ground surface

BMP – Best Management Practice

BNSF – Burlington Northern Santa Fe

BRT – Bus Rapid Transit

BTUs – British Thermal Units

CAAPB – Capitol Area Architectural Planning Board

CBD – Central Business District

CCCC – Central Corridor Coordinating Committee

CERCLIS/NFRAP – Comprehensive Environmental Response, Compensation and Liability Information System/No Further Remedial Action Planned

CNG – compressed natural gas

CO – Carbon monoxide

COE – Army Corps of Engineers

CORRACTS – Corrective Actions

CP – Canadian Pacific

CRP – Conservation Reserve Program

CTC – Centralized Traffic Control

CWA – Clean Water Act

dB – decibel

dBA – A-weighted decibel

DBA – Dinkytown Business Association

DNR – Department of Natural Resources

DMU – diesel multiple unit

DOT – Department of Transportation

DRO – Diesel Range Organics

E.O. – Executive Order

EIS – Environmental Impact Statement

EPA – Environmental Protection Agency

EQB – Environmental Quality Board

ERNS – Emergency Response Notification System of Spills

ESA – Endangered Species Act

FEMA – Federal Emergency Management Agency

FDOT – Florida Department of Transportation

FFGA – Full Funding Grant Agreement

FHWA – Federal Highway Administration

FMVECP – Ford Motor Vehicle Emission Control Program

FIRM – *Flood Insurance Rate Maps*

FPPA – Farmland Protection Policy Act

FRA – Federal Railway Administration

FTA – Federal Transit Administration

GB-NZ – Ground-Bourne Noise

GMIS – Grants Management Information System

gpm – gallons per minute

GPR – ground-penetrating radar

GPS – global positioning system

H₂S – Hydrogen Sulfide

HC – Hydrocarbon

HCM – *Highway Capacity Manual*

HCRRA – Hennepin County Regional Railroad Authority

HOV – High Occupancy Vehicle (lane)

Hz - Hertz

I-94 – Interstate 94

I-394 – Interstate 394

I-35E – Interstate 35E

I-35W – Interstate 35W

ips – inches per second

ITE – Institute of Transportation Engineers

ITS – Intelligent Transportation System

LAWCON – Land and Water Conservation Fund Act

LGU – Local Governmental Unit

LOS – Level of Service

LPA – Locally Preferred Alternative

LQG – RCRA Large quantity generators of hazardous waste

LRT – Light Rail Transit

LRTP – Long Range Transportation Plan

LRV – Light Rail Vehicle

LUST – Leaking Underground Storage Tanks

MAAQS – Minnesota Ambient Air Quality Standards

MC – Minnesota Commercial

MGS – Minnesota Geological Society

μips – micro inches per second

μg/m³ – micro grams per cubic meter

MIS – Major Investment Study

Mn/DOT – Minnesota Department of Transportation

MNOSHA – Minnesota Occupational Safety and Health Administration

MNRRA – Mississippi National River and Recreation Area

MOE – Measures of Effectiveness

MPCA – Minnesota Pollution Control Agency

MPO – Metropolitan Planning Organizations

MRCA – Mississippi River Critical Area

MRRI – Midwest Regional Rail Initiative

MUTCD – *Manual on Uniform Traffic Control Devices*

NAAQS – National Ambient Air Quality Standards

NEPA – National Environmental Policy Act

NFID – National Flood Insurance Program

NGVD - National Geodetic Vertical Datum

NHPA – National Historic Preservation Act

NOA – Notice of Availability

NOI – Notice of Intent

NO_x – nitrogen oxides

NPDES – National Pollution Discharge Elimination System

NPL – National Priority List

NRCS – Natural Resources Conservation Service

NRHP – National Register of Historic Places

NWI – National Wetland Inventory

OCS – Overhead Contact System

OSHA – Occupational Safety and Health Administration

O₃ – Ozone

O&M – operating and maintenance

PAH – Polynuclear aromatic hydrocarbons

PE – Preliminary Engineering

PMT – Project Management Team

PM₁₀ – particulate matter with a diameter of 10 microns or less

PM_{2.5} – particulate matter with a diameter of 2.5 microns or smaller

PPM – parts per million

PPV – Peak particle velocity

PRT – Personal Rapid Transit

PWI – *Protected Waters Inventory*

RCRA – Resource Conservation and Recovery Act

RCRRA – Ramsey County Regional Railroad Authority

RHA – Rivers and Harbors Act

RMS – root mean square

ROD – Record of Decision

RTE – Rare, Threatened and Endangered

SCL – State equivalent CERCLIS list

SEMI – Southeast Minneapolis Industrial

SFR – Saturation Flow Rate

SIP – State Implementation Plan

SO₂ – sulfur dioxide

SPL – State equivalent priority list

SQG – RCRA registered small quantity generators of hazardous waste

ST – Signal Type

SWLF – State Solid Waste Landfills

TAC – Traffic Analysis Committee

TAZ – Transportation Analysis Zone

TBI – Travel Behavior Inventory

TDM – Travel Demand Management

TCE – Trichloroethylene

TEA-21 – Transportation Equity Act for the 21st Century

TIP – Transportation Improvement Plan

TOD – Transit-Oriented Development

TH – Trunk Highway

TSD – Treatment, storage, and Disposal

TSM – Transportation Systems Management

U.S. – United States

USDOT – United States Department of Transportation

USFWS – United States Fish and Wildlife Service

USGS – United States Geological Survey

UST – Underground Storage Tanks

VdB – vibration decibels

VIB – Vibration

VMT – vehicle miles traveled

VOC – volatile organic compounds

vph – vehicles per hour

WCA – Wetland Conservation Act

WCRRA – Washington County Regional Railroad Authority

WGT – Working Group Team

WMA – Wildlife Management Areas

9.12 COMMENTS AND CORRESPONDENCE

