



PUBLIC TRANSPORTATION



WHY DON'T WE HAVE GOOD PUBLIC TRANSPORTATION IN NASHVILLE?

Only source of transit.

Trip Time.

Connecting routes to nearby cities.

San Francisco, CA



Population Served: 3,515,933
Square Miles: 513.80
Density: 6,843.04

New York City, NY



Population Served: 19,426,449
Square Miles: 3.248.12
Density: 5,980.83

Denver, CO



Population Served: 2,686,147
Square Miles: 644.54
Density: 4,167.54

Nashville, TN



Population Served: 1,158,642
Square Miles: 584.95
Density: 1,980.74

CITIES

DENSITY



Population Per Square Mile

Allows accurate comparisons between cities differing greatly in size of population.

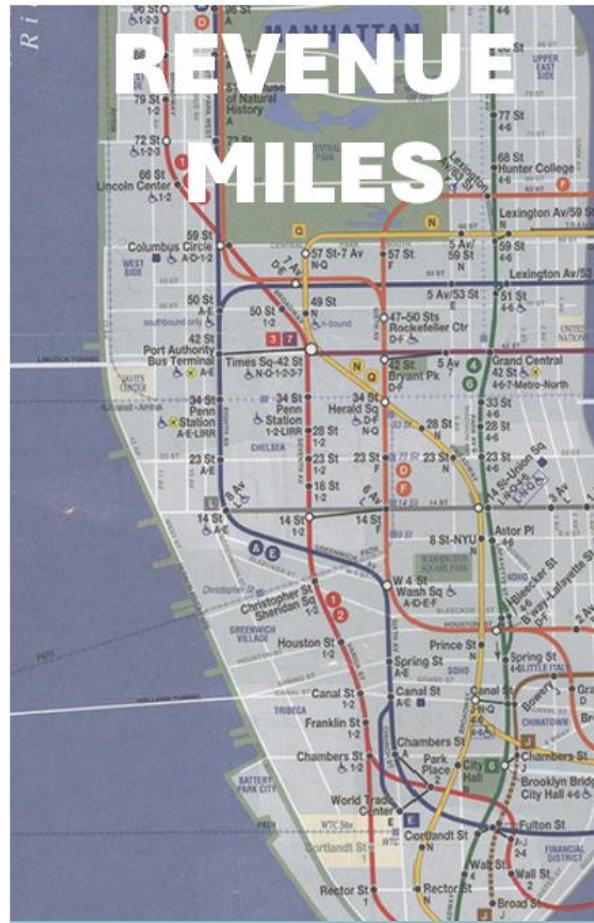
POPULATION SERVED



Population Served

Population reported for area served by Federal Transit Administration.

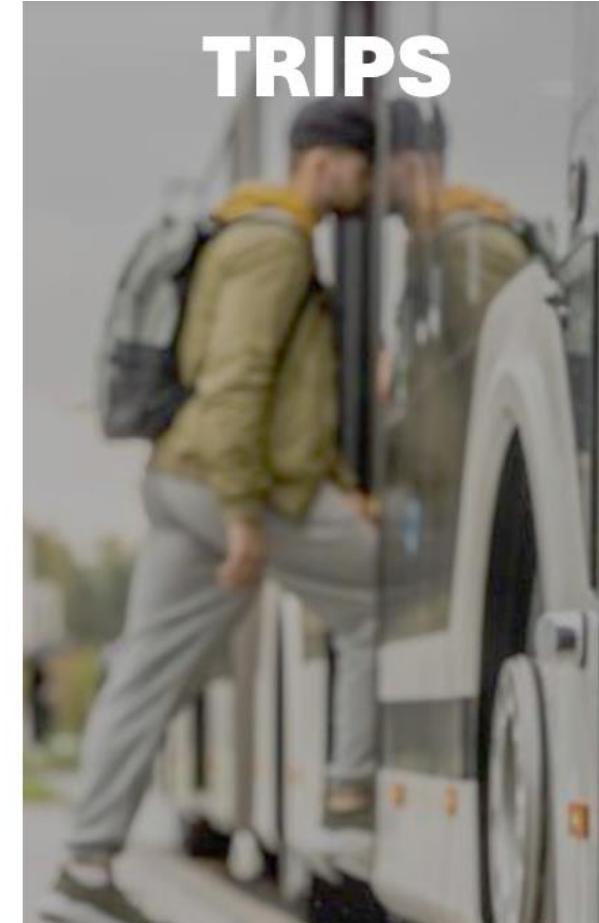
REVENUE MILES



Revenue Miles

Total miles traveled by mode of public transportation while in service.

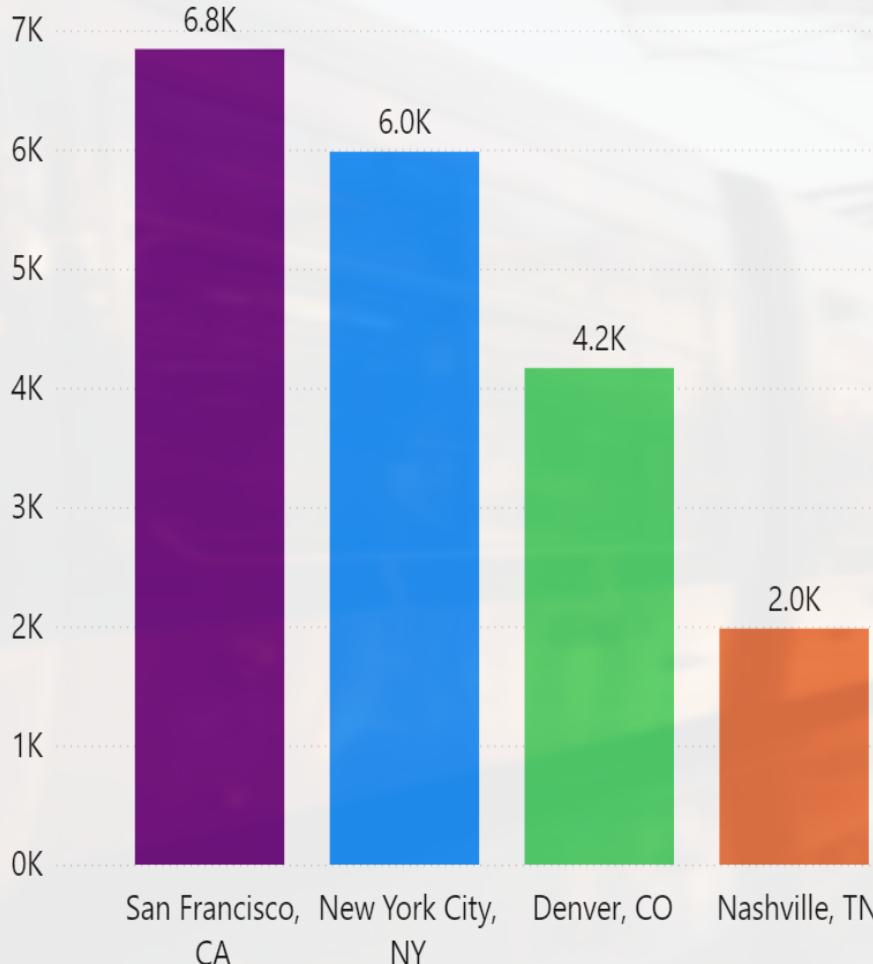
TRIPS



Trips

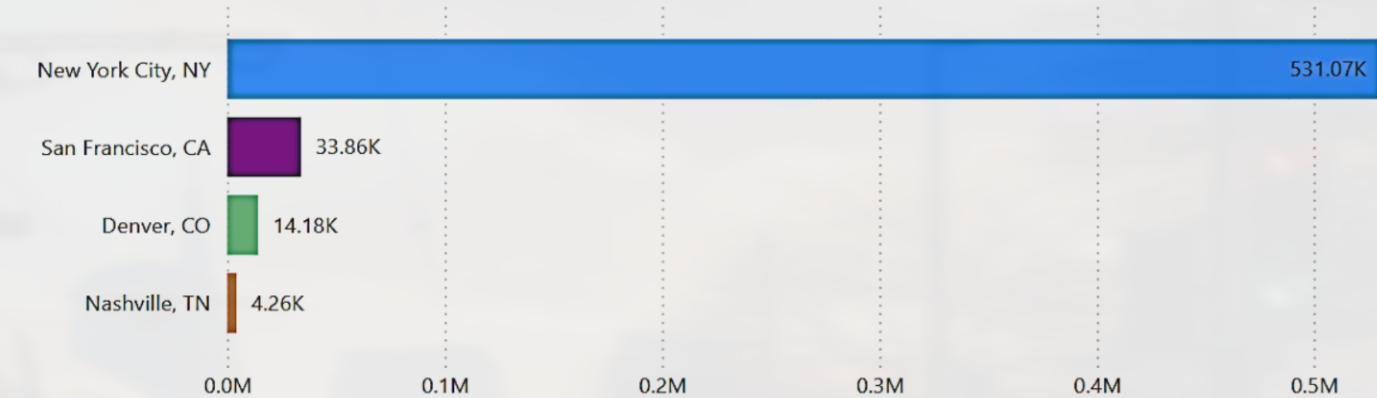
Total count of passengers that entered a mode of public transportation.

Population Per Square Mile

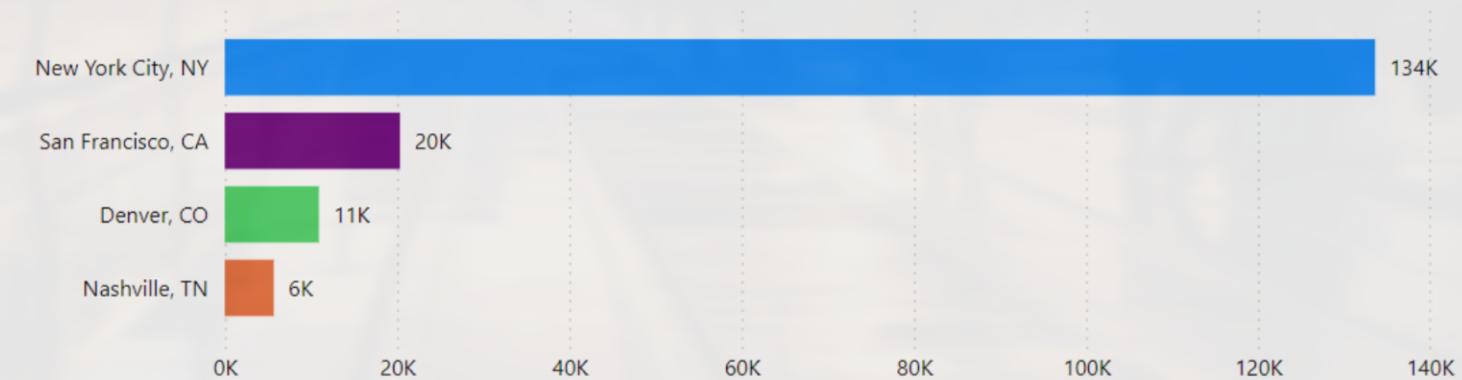


DENSITY

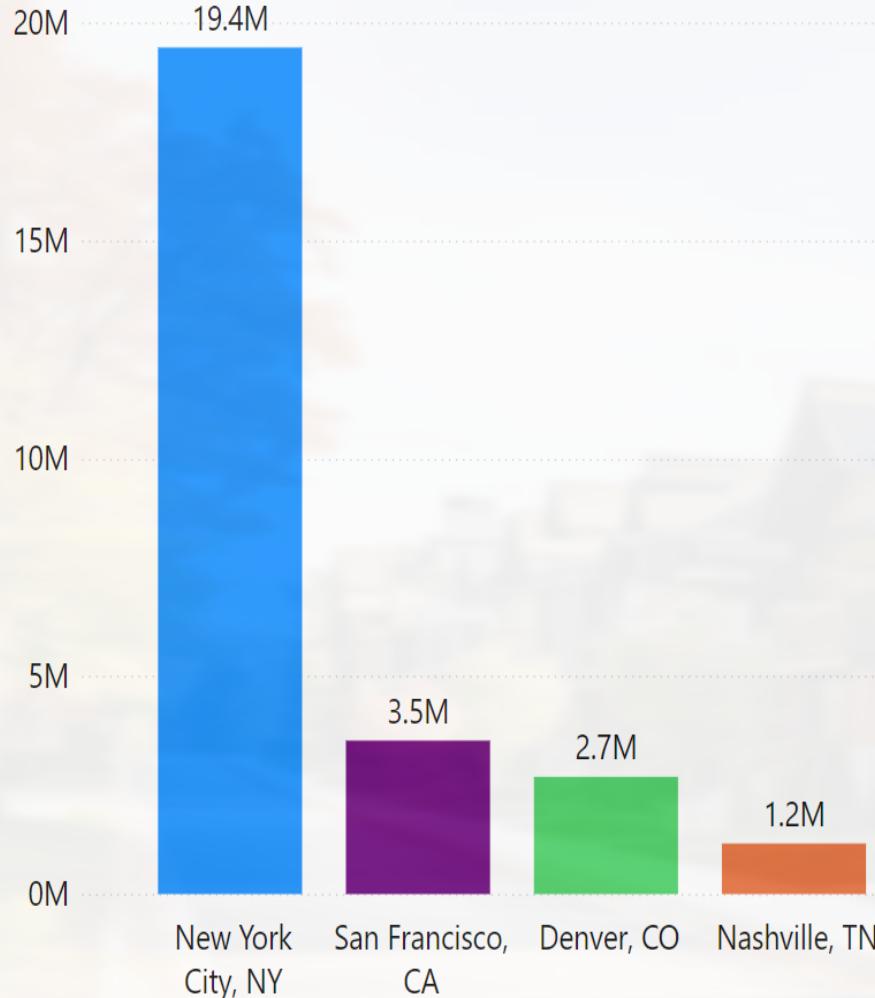
Trips Per Population Per Square Mile



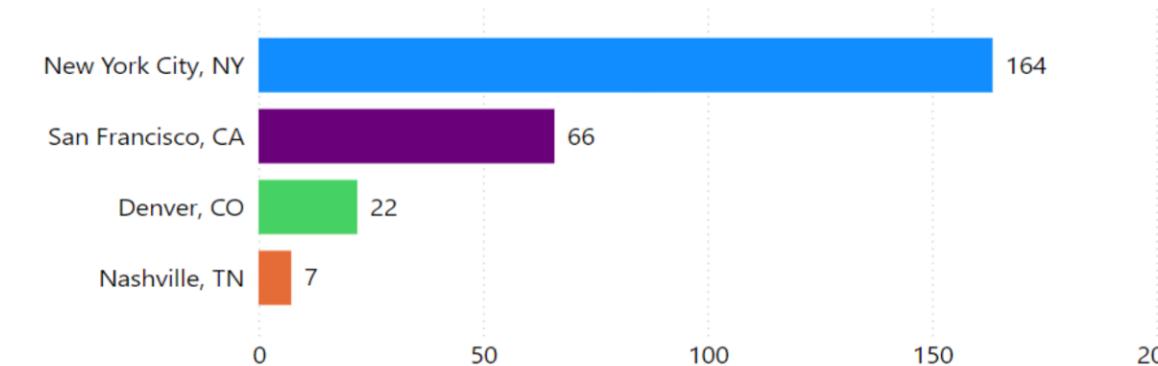
Revenue Miles Per Population Per Square Mile



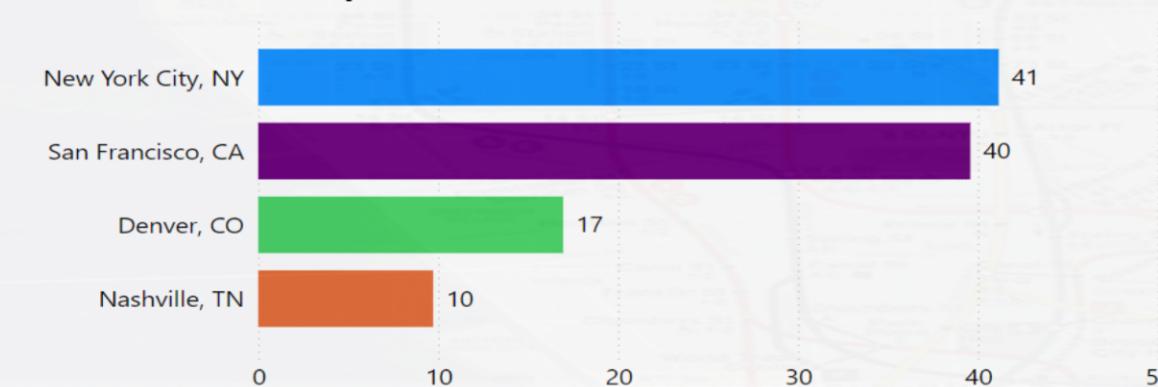
Population Served



Trips Per Capita

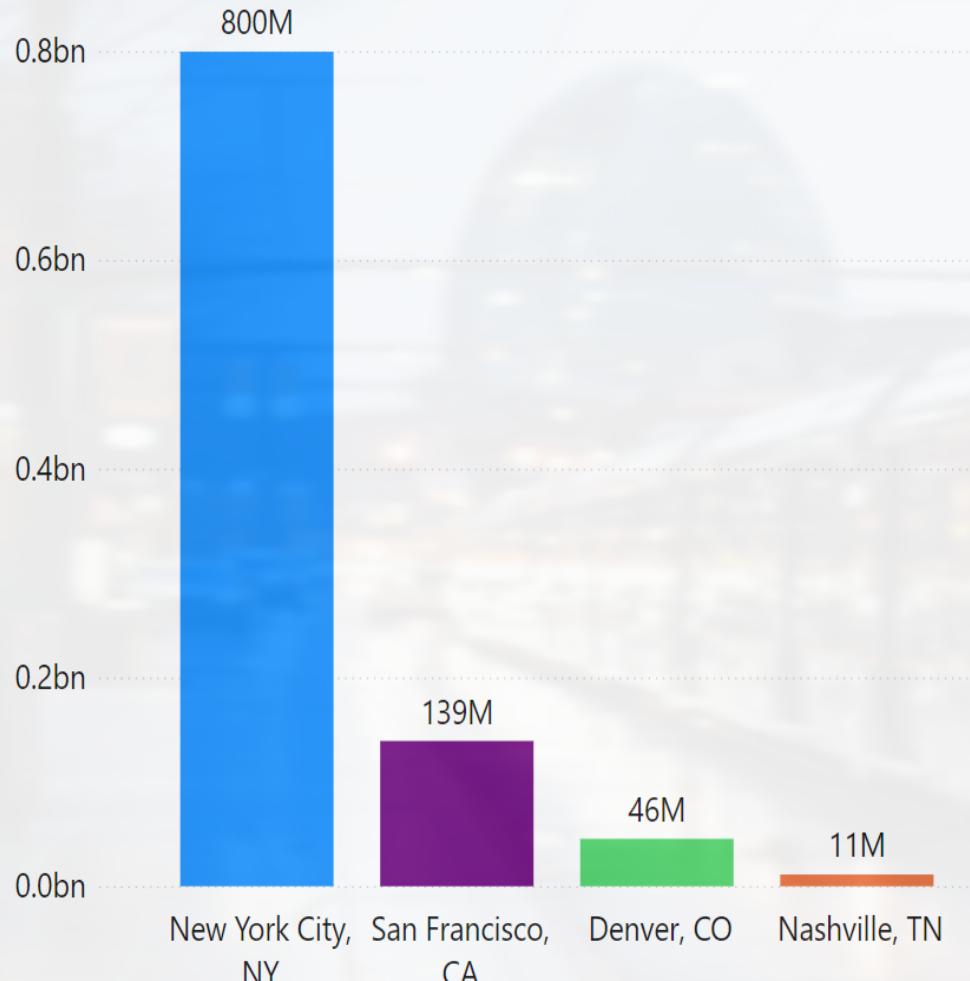


Miles Per Capita

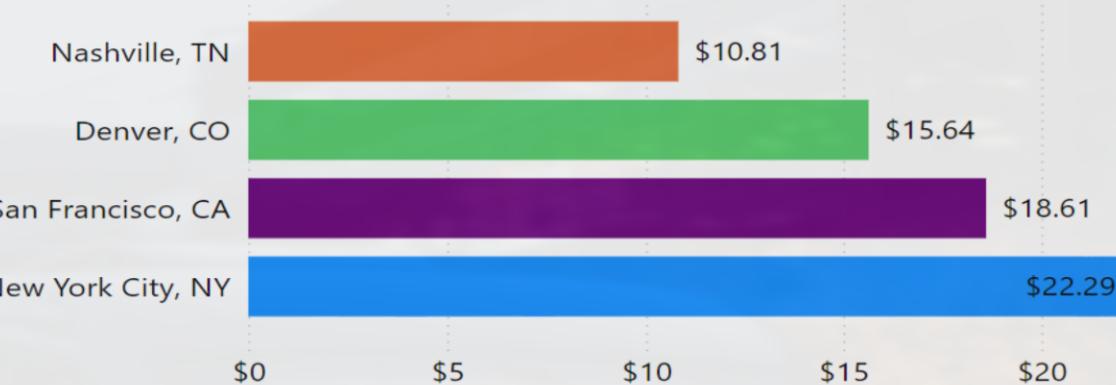


POPULATION SERVED

Revenue Miles

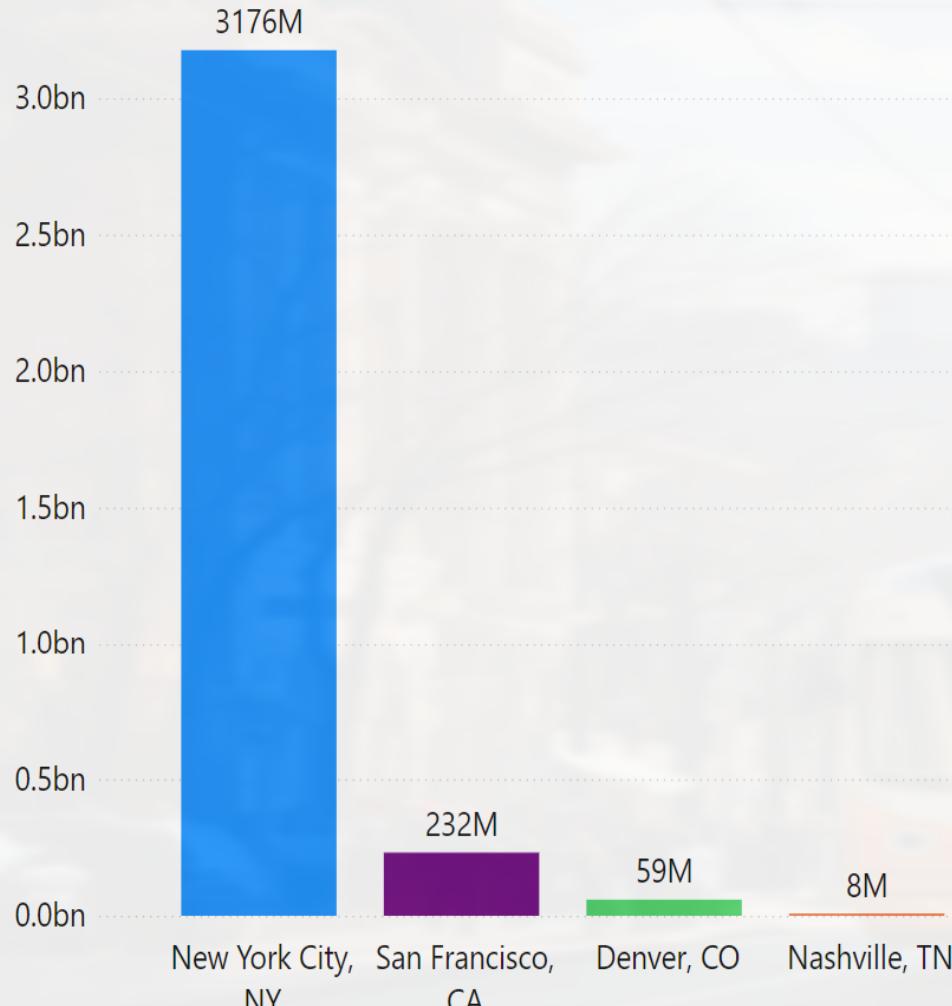


Cost Per Mile



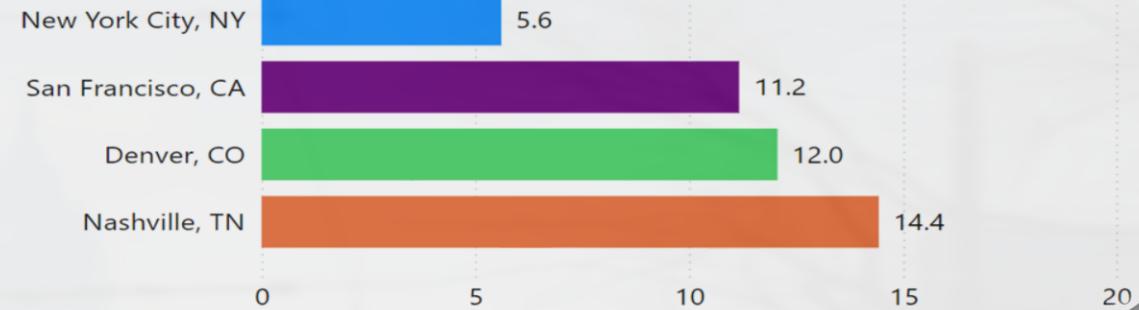
REVENUE MILES

Trips

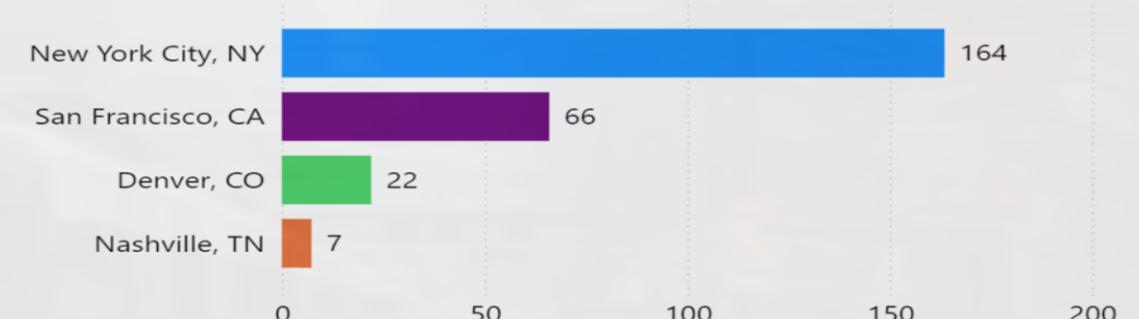


TRIPS

Cost Per Trip



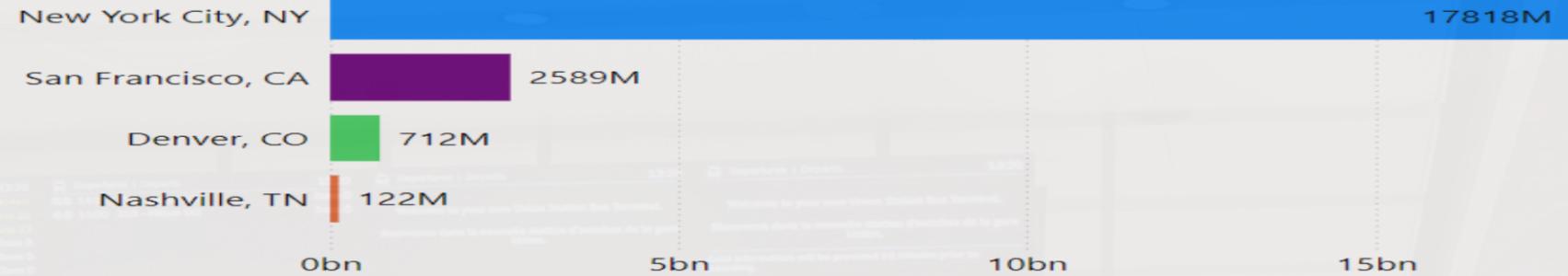
Trips Per Capita



Denver, CO



Total Expenses



Nashville, TN



- Serves 50% of total population.
- Provides 59% of revenue miles per capita.
- Attracts 30% of trips per capita.
- Spends 17% of total expenses.

Analysis



Bus



Light Rail



Vanpool



Commuter Bus



Demand Response



Commuter Rail

Analysis

Denver, CO

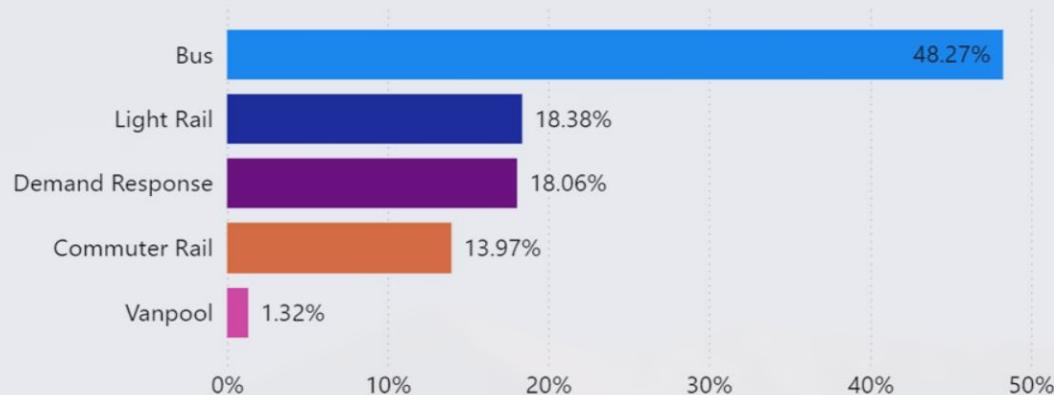


Nashville, TN

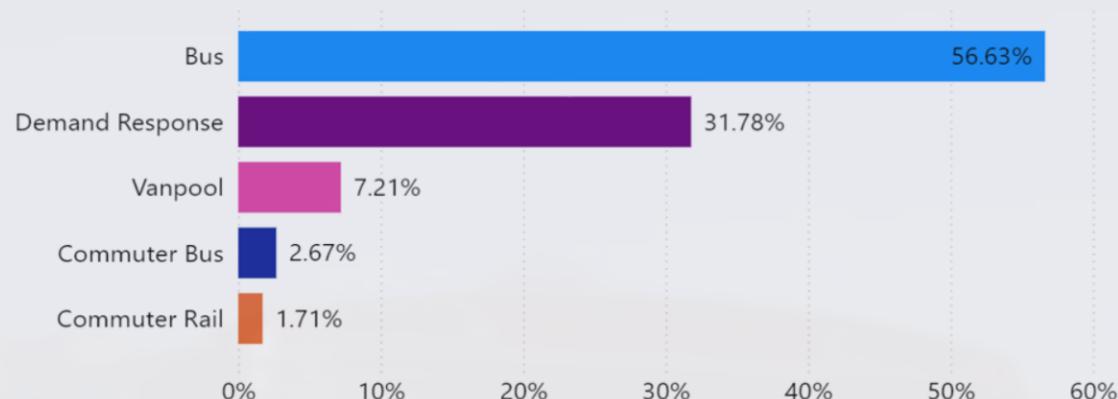


Analysis

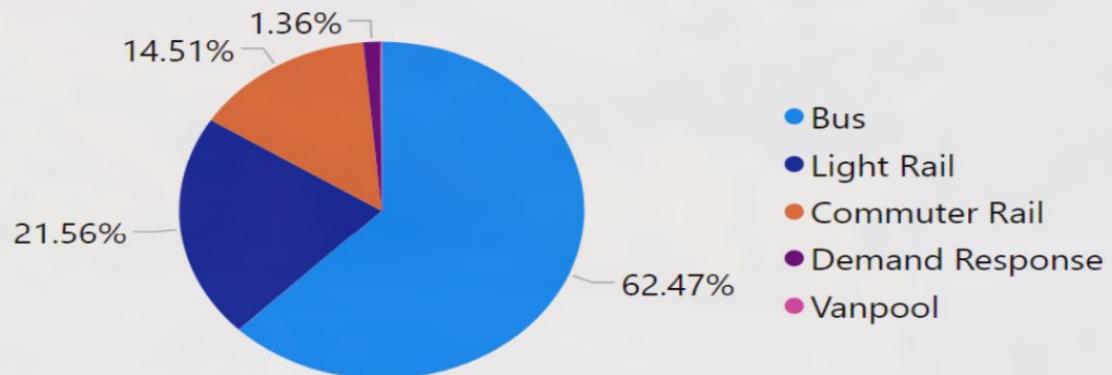
Denver Total Revenue Miles for Each Mode



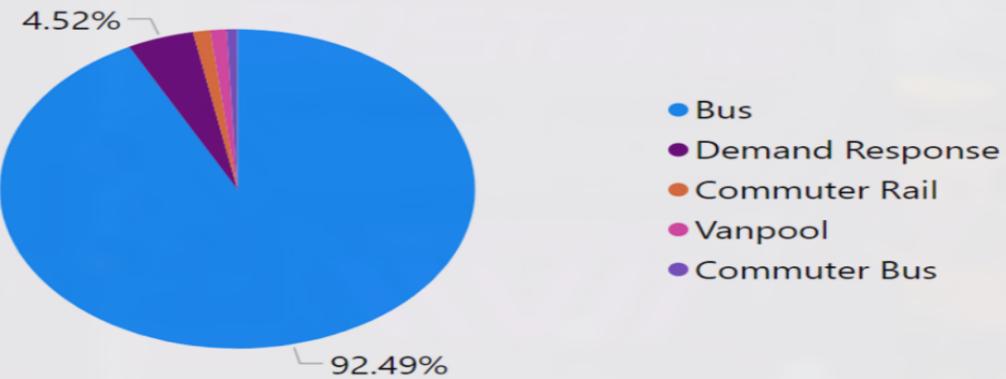
Nashville Total Revenue Miles for Each Mode



Denver Total Trips for Each Mode



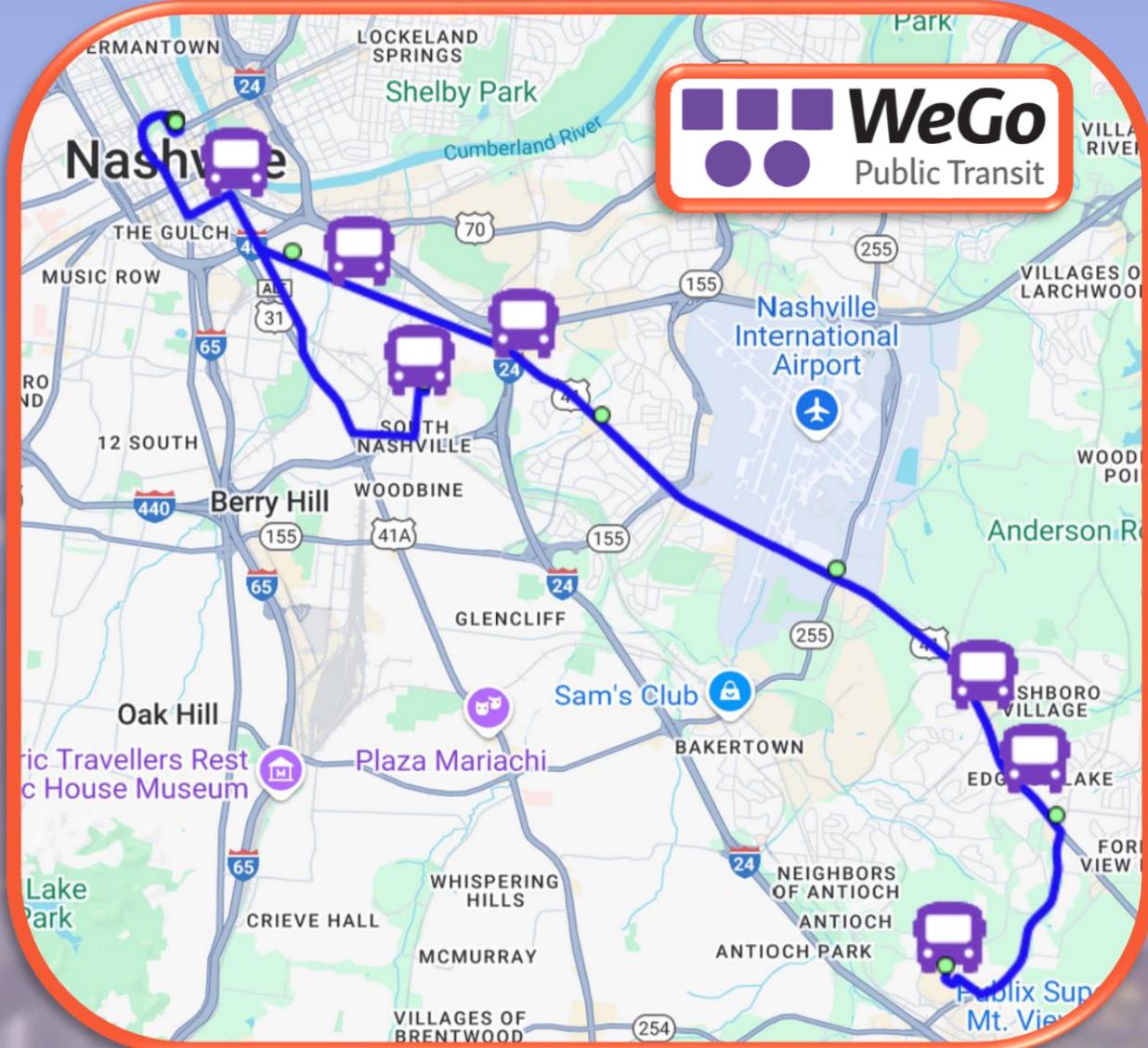
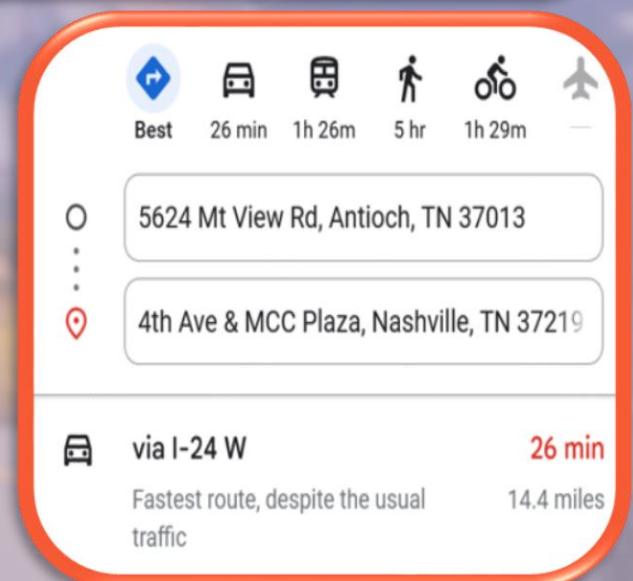
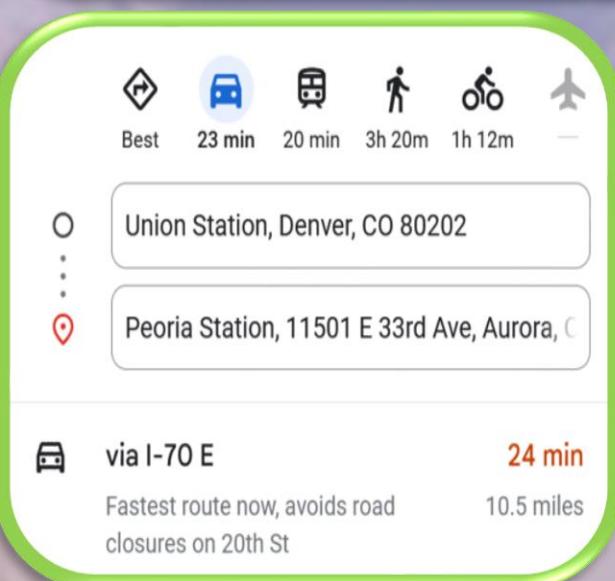
Nashville Total Trips for Each Mode



ANALYSIS

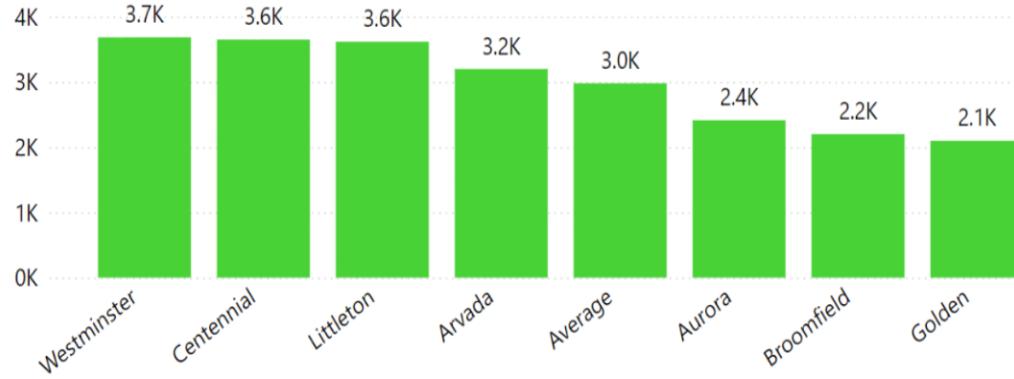
2023 NTD Policy Manual

Mode	Explanation
Commuter Bus (CB)	<p>Rail: No</p> <p>Fixed Guideway: Possible</p> <p>Commuter Bus is local,³ fixed-route bus transportation that primarily connects outlying areas with a central city and operates predominantly in one direction during peak periods. It has limited stops in outlying areas, limited stops in the central city, and at least five miles of closed-door service.</p>



ANALYSIS

Density for CO Cities with Rail Access



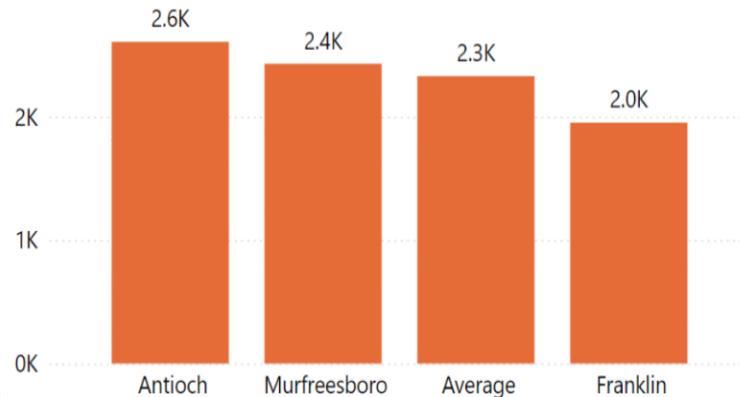
Average Population Per Square Mile

2.98K

Average Population Per Square Mile

2.33K

Density for TN Proposal Cities



Union Station, Denver, CO 80202

Peoria Station, 11501 E 33rd Ave, Aurora, CO 80013

via I-70 E 24 min

Fastest route now, avoids road closures on 20th St 10.5 miles



5624 Mt View Rd, Antioch, TN 37013

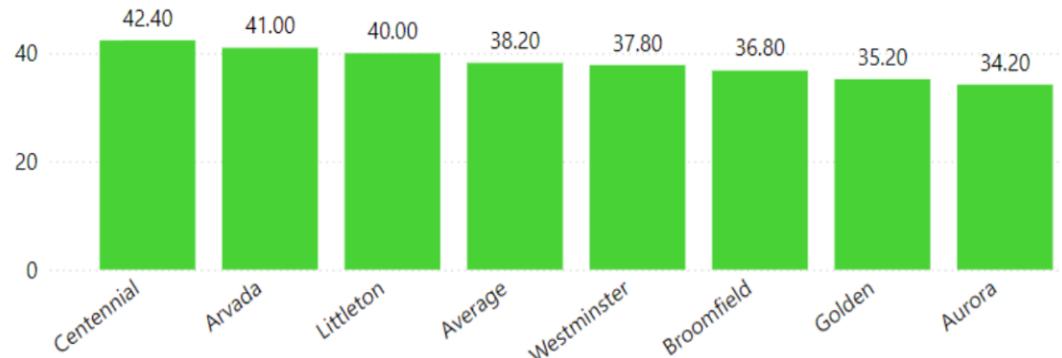
4th Ave & MCC Plaza, Nashville, TN 37219

via I-24 W 26 min

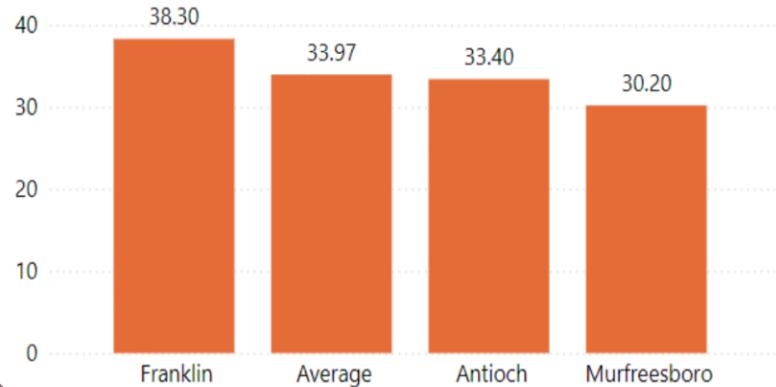
Fastest route, despite the usual traffic 14.4 miles

RECOMMENDATIONS

Median Age for CO Cities with Rail Access



Median Age for TN Proposal Cities



CO Average
Median Age

38.20

TN Average
Median Age

33.97



RECOMMENDATIONS



Thank You!