



Countywide Bus Transit Efficiency & Effectiveness

Measure M Independent Taxpayer Oversight Committee
June 5, 2024 Meeting
Cosette Stark, DEO, Local Programming

National Transit Database (NTD) Efficiency & Effectiveness Metrics – Motor Bus



Operator - Motor Bus	Efficiency Metrics		Effectiveness Metrics				Vehicle #
	Ops \$/VSM	Ops \$/VRH	Ops \$/PMT	Ops \$/UPT	UPT/VSM	UPT/VRH	
Redondo Beach	\$ 9.76	\$ 112.41	\$ 3.72	\$ 13.40	0.7	8.4	14
Commerce	15.24	152.76	6.70	24.62	0.6	6.2	17
Norwalk	14.15	159.18	4.29	18.04	0.8	8.8	34
Santa Clarita	9.48	142.71	2.17	9.16	1.0	15.6	53
Antelope Valley	10.93	159.40	4.33	23.40	0.5	6.8	54
Culver City	17.38	176.50	2.67	10.23	1.7	17.2	57
Gardena	19.40	243.16	3.91	14.01	1.4	17.4	58
Torrance	14.71	192.11	2.10	10.68	1.4	18.0	63
Montebello	15.07	155.94	3.16	10.08	1.5	15.5	66
Santa Monica	18.88	179.23	3.32	11.73	1.6	15.3	195
LADOT	10.94	124.58	3.66	6.11	1.8	20.4	228
Long Beach	17.39	171.34	1.94	5.82	3.0	29.4	249
Foothill	9.39	131.19	2.84	15.21	0.6	8.6	359
Arcadia	6.62	73.19	N/A	45.10	0.1	1.6	N/A
Metro Bus	18.36	191.07	1.90	5.94	3.1	32.2	2,296

Ops \$ = Operating Costs
VSM = Vehicle Service Miles
VRH = Vehicle Revenue Hours
PMT = Passenger Miles Travelled
UPT = Unlinked Passenger Trips (Boardings)

- Total FY22 Operating Expenses: \$1.75 billion - (Metro comprised 67%)
- Measure M contributed \$176.9 million for countywide bus operations in FY22



Metro



Publicly Available Data

- FTA NTD Transit Agency Profiles –



https://www.transit.dot.gov/ntd/transit-agency-profiles?field_geography_target_id=2481&field_address_administrative_area=CA&combine=

- Metro Ridership Data on Metro.net –



<https://opa.metro.net/MetroRidership/>

- SB 125 Transit Operator Ridership Data on Metro.net –

https://ntd-monthly-ridership--cal-itp-data-analyses.netlify.app/rtpa_los-angeles-county-metropolitan-transportation-authority/0__monthly_ridership_report_rtpa_los-angeles-county-metropolitan-transportation-authority



Sample FTA NTD Transit Agency Profile

240 W HUNTINGTON DR
P.O. Box 60021
ARCADIA, CA 91007-3401

City of Arcadia dba Arcadia Transit
2022 Annual Agency Profile
NTD ID 90044

General Information

Service Consumed

39,916 Annual Unlinked Trips (UPT)

Urban/Rural Area Statistics

Los Angeles--Long Beach--Anaheim, CA Primary Urbanized/Rural Area

11 Service Area Square Miles

56364 Service Area Population

Service Supplied

218,476 Annual Vehicle Revenue Miles (VRM)

24,148 Annual Vehicle Revenue Hours (VRH)

Database Information

NTDID: 90044

Reporter Type: Reduced Reporter

Assets

Revenue Vehicles 18

Servie Vehicles 0

Facilities 8

Asset Type Tier II

Sponsor NTDID

Financial Information

Sources of Operating Funds Expended

Directly Generated	\$6,954
Federal Government	\$0
Local Government	\$1,878,154
State Government	\$27,786

Total Operating Funds Expended \$1,912,894

Sources of Capital Funds Expended

Directly Generated	\$0
Federal Government	\$0
Local Government	\$0
State Government	\$0

Total Capital Funds Expended \$0

Modal Characteristics

Overview

Mode	Directly Operated VOMS	Purchased Transportation VOMS	Total Vehicles Operated in Maximum Service (VOMS)	Fare Revenues	Operating Expenses	Capital Expenses	Annual Unlinked Pass. Trips	Annual Vehicle Revenue Miles	Annual Vehicle Revenue Hours	Average Fleet Age in Years
Demand Response	0	8	8	\$4,334	\$791,447	\$0	16,179	56,725	9,521	3
Bus	0	6	6	\$2,620	\$1,070,477	\$0	23,737	161,751	14,627	3
Total (all modes)	0	14	14	\$6,954	\$1,861,924	\$0	39,916	218,476	24,148	


Metrics

Mode	Service Efficiency		Service Effectiveness		
	Operating Expenses per Vehicle Revenue Mile	Operating Expenses per Vehicle Revenue Hour	Operating Expenses per UPT	UPT per Vehicle Revenue Mile	UPT per Vehicle Revenue Hour
Demand Response	\$13.95	\$83.13	\$48.92	0.3	1.7
Bus	\$6.62	\$73.19	\$45.10	0.1	1.6
Total	\$8.52	\$77.10	\$46.65	0.2	1.7



Metro

Sample Metro Ridership Data from Metro.net



Metro Interactive Estimated Ridership Stats

Fiscal Year
 Calendar Year
 Year: 2024
 Period: March
Submit

This tool will allow you to view Monthly Ridership stats, Line Level trends, and Historical information. Click on the Details buttons in each section to view the individual Line stats (for example B Line, E Line, and L Line in Rail). Please note that Ridership Data is available approximately 15 days after the end of the prior month.

Estimated ridership for special events such as, CicLAvia, performances, and sporting events are not reflected in the monthly estimates.

Click [here](#) to download monthly ridership data for various Los Angeles County transit operators as required by SB 125.

*N/A - Data Not Available

Systemwide (Bus and Rail)					
Day Type	Estimated Ridership	Average Passenger Miles	Day Count	Total Estimated Ridership	Total Passenger Miles
Weekday	955,918	3,469,429	21	20,074,278	72,858,008
Saturday	606,255	2,214,091	5	3,031,275	11,070,457
Sunday	555,029	2,038,191	5	2,775,145	10,190,954
Total	N/A	N/A	31	25,880,698	94,119,419
Details					
All Bus (Directly Operated and Purchased Transportation)					
Day Type	Estimated Ridership	Average Passenger Miles	Day Count	Total Estimated Ridership	Total Passenger Miles
Weekday	750,598	2,594,066	21	15,762,558	54,475,386
Saturday	460,779	1,611,439	5	2,303,895	8,057,195
Sunday	419,323	1,468,362	5	2,096,615	7,341,810
Total	N/A	N/A	31	20,163,068	69,874,391
Details					

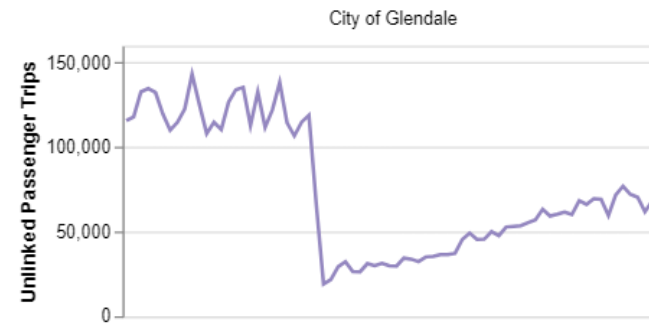
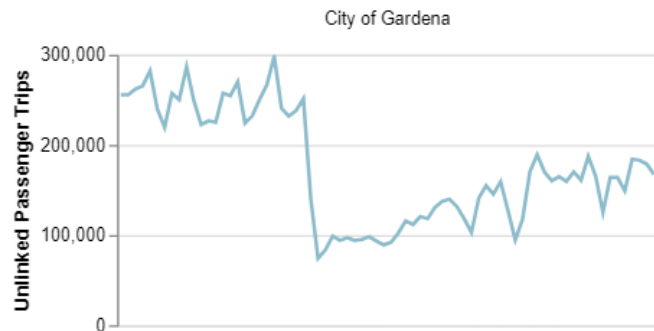
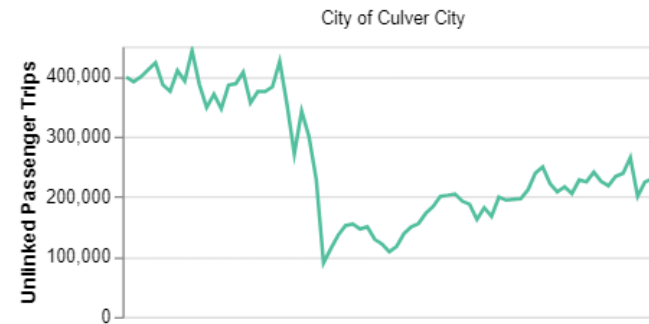
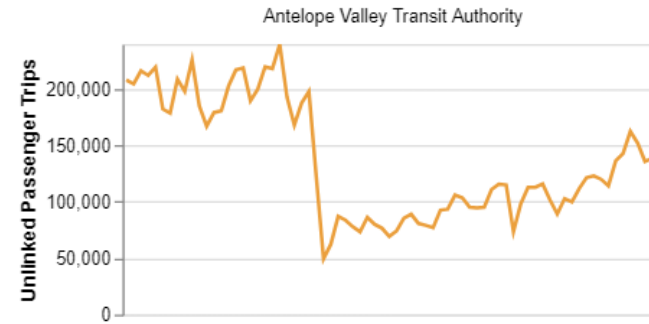
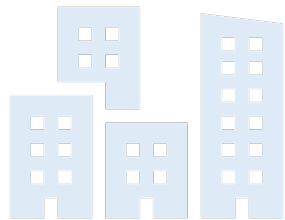


SB 125 Transit Operator Ridership Data

Transit Agency

Unlinked Passenger Trips by Agency

Agency



- Access Services
- Antelope Valley Transit Authority
- City of Commerce
- City of Culver City
- City of Gardena
- City of Glendale
- City of La Mirada
- City of Los Angeles
- City of Montebello
- City of Norwalk
- City of Pasadena
- City of Redondo Beach
- City of Santa Clarita
- City of Santa Monica
- City of Torrance
- Foothill Transit
- Long Beach Transit
- Los Angeles County Metropolitan...
- Pomona Valley Transportation Au...
- Southern California Regional Rail...