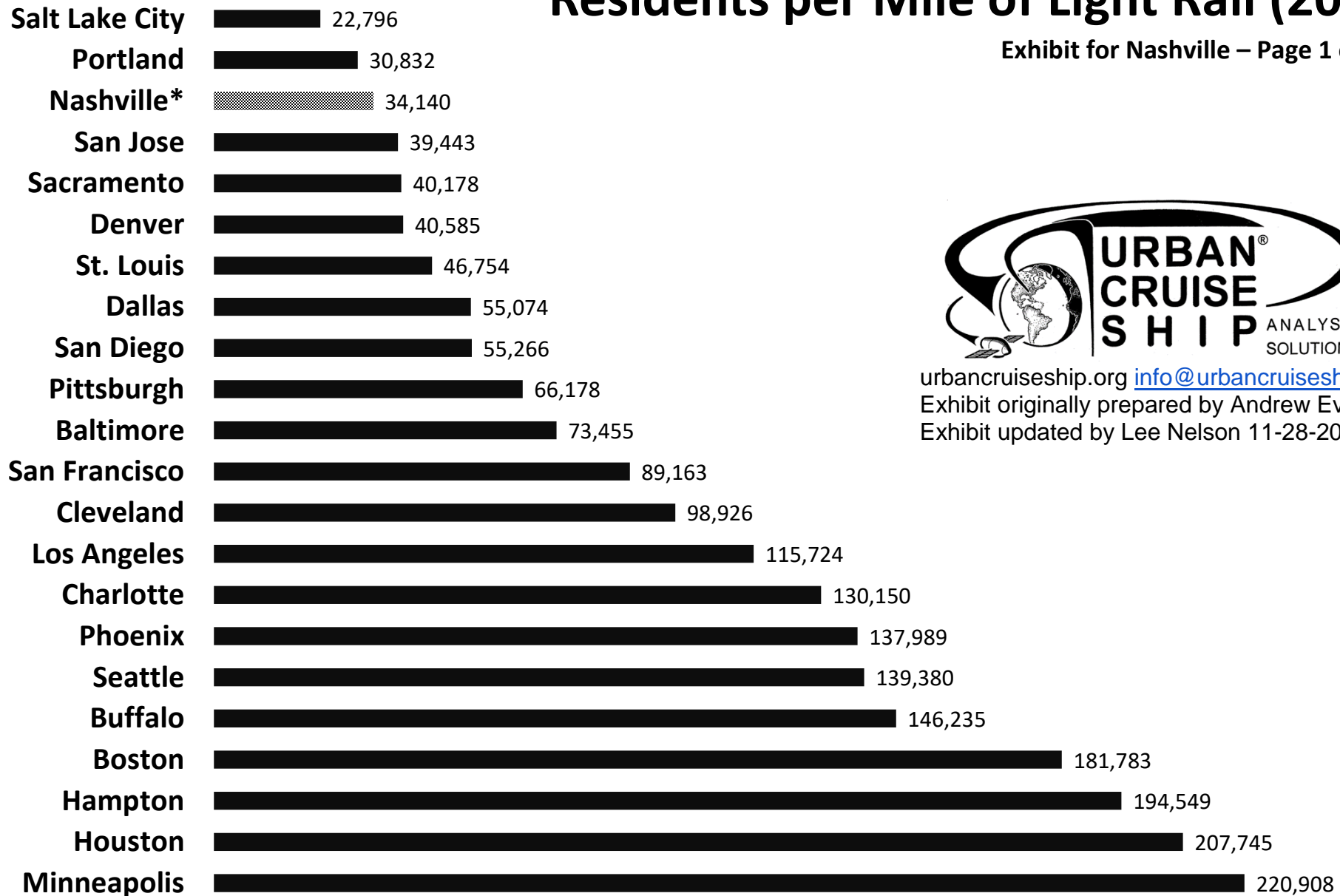


Residents per Mile of Light Rail (2016)

Exhibit for Nashville – Page 1 of 2



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Exhibit originally prepared by Andrew Evans

Exhibit updated by Lee Nelson 11-28-2018

The graph above demonstrates that Nashville would have the 3rd fewest residents served per mile of Light Rail in the U.S., which suggests that Nashville's Light Rail System would be relatively large given the population served.

*This exhibit was prepared for a proposed Nashville Light Rail in April 2018.

Light Rail City Systems – Facts and Figures (2016)

City	Urban Area Population	Miles of Light Rail	Passenger Miles Per Gallon of Diesel
Buffalo	935906	6.4	56.89
Nashville*	969587	28.4	NO DATA
Salt Lake City	1021243	44.8	79.67
Charlotte	1249442	9.6	103.72
Hampton	1439666	7.4	53.65
San Jose	1664496	42.2	93.62
Sacramento	1723634	42.9	75.65
Pittsburgh	1733853	26.2	38.15
Cleveland	1780673	18	36.25
Portland	1849898	60	149.65
St. Louis	2150706	46	138.88
Baltimore	2203663	30	60.97
Denver	2374203	58.5	124.36
Minneapolis	2650890	12	90.4
San Diego	2956746	53.5	176.55
Seattle	3059393	21.95	242.44
San Francisco	3281212	36.8	97.58
Phoenix	3629114	26.3	197.01
Boston	4181019	23	104.23
Houston	4944332	23.8	85.99
Dallas	5121892	93	77.51
Los Angeles	12150996	105	123.47

Public Transit Systems perform best with high ridership, which has been a challenge throughout the U.S. across all public transit modes. While there is no way of knowing how systems will perform in the future, population size and system scale can be used to as a crude indicator of passenger throughput.

The chart to the left shows that Nashville would be the second smallest urbanized area (as defined by the National Transit Database) with a Light Rail System in the U.S., and that larger populations tend to operate with greater efficiency.

Source: National Transit Database (2016) -'Fuel and Energy' and 'Metrics' data listings available at (<https://www.transit.dot.gov/ntd/ntd-data>) as of February 3rd, 2018

Notes: Light Rail mileage drawn from publicly available sources for each transit system reported.

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