Health Atlas

For the City of Los Angeles

2021

City of Los Angeles General Plan

Health Atlas for the City of Los Angeles, 2021

The Health Atlas for the City of Los Angeles is a supporting document of the Plan for a Healthy Los Angeles, the Health, Equity, and Wellness Element of the City's General Plan.

The Health Atlas is a technical document prepared by Los Angeles City Planning and is not adopted by the Los Angeles City Council.

Activity Log

Current and prior editions of the Health Atlas are available in the General Plan section of the Los Angeles City Planning website: www.planning.lacity.org

Health Atlas 2013: published June 2013
Health Atlas 2021: published April 2022

Acknowledgements

MAYOR
Eric Garcetti

CITY COUNCIL MEMBERS
Gil Cedillo, District 1
Paul Krekorian, District 2
Bob Blumenfield, District 3
Nithya Raman, District 4
Paul Koretz, District 5
Nury Martinez, District 6
Monica Rodriguez, District 7
Marqueece Harris-Dawson, District 8
Curren D. Price, Jr, District 9
Mark Ridley-Thomas, District 10
Mike Bonin, District 11
John Lee, District 12
Mitch O'Farrell, District 13
Kevin de León, District 14
Joe Buscaino, District 15

CITY PLANNING COMMISSION
Samantha Millman, President
Caroline Choe, Vice President
Helen Campbell, Commissioner
Renee Dake Wilson, Commissioner
Jenna Hornstock, Commissioner
Helen Leung, Commissioner
Yvette López-Ledesma, Commissioner
Karen E. Mack, Commissioner
Dana M. Perlman, Commissioner

DEPARTMENT OF CITY PLANNING
EXECUTIVE OFFICE
Vincent P. Bertoni, AICP, Director
Kevin J. Keller, AICP, Executive Officer (former)
Arthi L. Varma, AICP, Deputy Director
Shana M.M. Bonstin, Deputy Director
Lisa M. Webber, AICP, Deputy Director

CITYWIDE POLICY DIVISION
Nicholas P. Maricich, Principal City Planner
Conni Pallini-Tipton, AICP, Senior City Planner
Emily S. Gable, City Planner
Ari Briski, City Planner
Jack Y. Tsao, Data Analyst II
Lin Bai, Data Analyst I
Angela Chang, Data Analyst I

GEOGRAPHIC INFORMATION SYSTEMS
Betty Dong, GIS Chief
Charles Lee, GIS Supervisor II
Timmy Luong, GIS Supervisor I
Julianna Bonilla, GIS Specialist
Filomena Fuchs, GIS Specialist
Bryan Lam, GIS Specialist
Lauren Mueller, GIS Specialist
Lara Vargas, GIS Specialist

EXTERNAL AFFAIRS
Yeghig Keshishian, Chief External Affairs Officer
Jenna Monterrosa, Senior City Planner
Shakeh Boghoskahanian, Graphics Supervisor II
Louisa Ranick, Graphics Supervisor I
Arlet Shirvanian, Graphics Supervisor I
Jessica Alamo, Graphics Designer II
Jacob Lopez, Graphics Designer II

Table of Contents

1 Introduction 7

2 Regional Context 9

Map 1 Council Districts for the City of Los Angeles (2021) 10
Map 2 Community Plan Areas and Special Purpose Districts (2021) 11
Map 3 Service Planning Areas for the City of Los Angeles (2012) 12
Map 4 Health Districts for the City of Los Angeles (2012) 13
Map 5 Public Use Microdata Areas (2010) 14
Map 6 Census Tracts for the City of Los Angeles (2010) 15
Map 7 Census Blocks for the City of Los Angeles (2010) 16
Map 8 ZIP Codes for the City of Los Angeles (2020) 17

3 Demographic and Social Characteristics 19

Map 9 Population Density (2019) 20
Map 10 Percentage of the Population Under Age 5 (2019) 21
Map 11 Population Under Age 5 (2019) 22
Map 12 Percentage of the Population Under Age 18 (2019) 23
Map 13 Percentage of the Population over Age 65 (2019) 24
Map 14 Population Over Age 65 (2019) 25
Map 15 Percentage of Non-White and/or Hispanic Origin Population by Census Tract (2019) 26
Map 16 Non-White and/or Hispanic Origin Population by Census Tract (2019) 27
Map 17 Percentage of Linguistically-Isolated Households (2019) 28

4 Economic Conditions 29

Map 18 Hardship Index by Community Plan Area (2019) 30
Map 19 Hardship Index (2019) 31
Map 20 Median Household Income (2019) 32
Map 21 Number of Jobs with Earnings Greater than $3,333 per Month (2018) 33
Map 22 Percentage of Unemployed Workers Age 16 and Over (2019) 34
Map 23 Percent of the Population below the Federal Poverty Level (2019) 35
Map 24 Percentage of the Population Below 200% of the Federal Poverty Level (2019) 36
Map 25 Extreme Poverty Neighborhoods (2019) 37

5 Education 39

Map 26 Percent of Population Age 25 and Over that Did Not Graduate from High School (2019) 40
Map 27 Percent of Population Age 25 and Over that Graduated from High School (2019) 41
Map 28 Percent of Population Age 25 and Over with a Bachelor's Degree or Higher (2019) 42
Map 29 Median Earnings for the Population Age 25 and Over that Did Not Graduate from High School (2019) 43
Map 30 Poverty Rate for the Population Age 25 and Over that Did Not Graduate from High School (2019) 44
Map 31 Academic Performance Index for Public Elementary Schools (2011) 45
Map 32 Academic Performance Index for Public Middle and Junior High Schools (2011) 46
Map 33 Academic Performance Index for Public High Schools (2011) 47
Map 34 Percentage of Elementary School Students Eligible for Free and Reduced-Priced Lunches (2019) 48
Map 35 Percentage of Middle School Students Eligible for Free and Reduced-Priced Lunches (2019) 49
Map 36 Percentage of High School Students Eligible for Free and Reduced-Priced Lunches (2019) 50

6 Health Conditions 51

Map 37 Life Expectancy at Birth (2010-2015) 52
Map 38 Coronary Heart Disease Mortality Rate per 100,000 Residents by ZIP Code (2019) 53
Map 39 Rate of Emergency Department Visits for Heart Attacks per 10,000 Residents by Census Tract (2015-2017) 54
Map 40 Stroke Mortality Rate per 100,000 Residents by ZIP Code (2019) 55
Map 41 Diabetes Mortality Rate per 100,000 Residents by ZIP Code (2019) 56

Map 42 Respiratory Disease Mortality Rate per 100,000 Residents by ZIP Code (2019) 57
Map 43 Asthma-Related Emergency Department Visit Rate in Population 17 and Under per 10,000 Residents (2019) 58
Map 44 Asthma-Related Emergency Department Visit Rate in Population 18 and Over per 10,000 Residents (2019) 59
Map 45 Asthma-Related Hospitalization Rate in Population 17 and Under per 10,000 Residents (2010) 60
Map 46 Asthma-Related Hospitalization Rate in Population 18 and Over per 10,000 Residents (2010) 61
Map 47 Prevalence of Childhood Obesity by Community Plan Area (2019) 62
Map 48 Percentage of Low Birth-Weight Infants (2009-2015) 63
Map 49 Estimated Prevalence of Serious Emotional Disturbance and Serious Mental Illness (2020) 64
Map 50 Mental Illness Hospitalization Rate per 100,000 Residents (2007-2010) 65
Map 51 Health Professional Shortage Areas (2021) 66
Map 52 Health Care Facilities (2020) 67

7 Land Use 69
Map 53 Walkability Index (2021) 70
Map 54 Intersection Density (2021) 71
Map 55 Block Size (2010) 72
Map 56 Population Density on Blocks Smaller than 8.26 Acres, 600-Foot Block Lengths (2010) 73
Map 57 Land Use Mix (2021) 74
Map 58 Land Use Diversity (2021) 75
Map 59 Residential Land Uses (2021) 76
Map 60 Commercial Land Uses (2021) 77
Map 61 Industrial Land Uses (2021) 78
Map 62 Park Level of Service (Acres per 1,000 residents in 2019) 79
Map 63 Park Access: Population Density of Census Tracts with ½ Mile of a Park or Open Space (2019) 80
Map 64 Employment Density (2010) 81
Map 65 Trade, Transportation, and Utility Sector Employment Density (2010) 82
Map 66 Goods-Producing Sector Employment Density (2010) 83
Map 67 Professional and Business Service Sector Employment Density (2010) 84
Map 68 Government Sector Employment Density (2010) 85
Map 69 Education and Health Services Sector Employment Density (2010) 86
Map 70 Leisure and Hospitality Sector Employment Density (2010) 87
Map 71 Finance, Insurance, and Real Estate Sector Employment Density (2010) 88

8 Transportation 89
Map 72 Percentage of Commuters Driving Alone to Work (2019) 90
Map 73 Percentage of Commuters Carpooling to Work (2019) 91
Map 74 Public Transportation Commuters (2019) 92
Map 75 Pedestrian Commuters (2019) 93
Map 76 Bicycle Commuters (2019) 94
Map 77 Zero Vehicle Households (2019) 95
Map 78 Population Density of Census Tracts within 1/2 Mile of Major Transit Stops (2020) 96
Map 79 Average Annual Motor Vehicle Traffic Mortality Rate per 100,000 Residents (2010-2020) 97
Map 80 Average Annual Rate of Motor Vehicle Collisions with Pedestrians per 10,000 Residents (2010-2020) 98
Map 81 Average Annual Rate of Motor Vehicle Collisions with Bicyclists per 10,000 Residents (2010-2020) 99
Map 82 Motor Vehicle Collisions with Pedestrians and Bicyclists (2010-2020) 100
Map 83 Average Annual Rate of Motor Vehicle Collisions with Pedestrians and Bicyclists Under Age 18 within ½ Mile of a School per 10,000 Residents (2010-2020) 101
Map 84 Transportation Index (2021) 102

9 Food Systems 103
Map 85 Modified Retail Food Environment Index (2017) 104
Map 86 Grocery Store Rate per 10,000 Residents and Healthy Food Sources (2021) 105
Map 87 Fast Food Restaurant Rate per 10,000 Residents (2021) 106
Map 88 On-Sale Liquor License Rate per 10,000 Residents (2021) 107
Map 89 Off-Sale Liquor License Rate per 10,000 Residents (2021) 108
Map 90 Average Annual Rate of Motor Vehicle Collisions Involving Alcohol per 10,000 Residents (2011-2020) 109
Map 91 CalFresh Vendors and Participants (2019) 110
Map 92 Woman, Infant, and Children Vendor rate per 10,000 Residents (2017) 111

10 Crime 113
Map 93 Crime Rate for All Part I Offences per 1,000 Residents (6-Month Rate, April to September 2020) 114
Map 94 Violent Crime Rate per 1,000 Residents (6-Month Rate, April to September 2020) 115
Map 95 Property Crime Rate per 1,000 Residents (6-Month Rate, April to September 2020) 116
Map 96 Average Annual Emergency Department Visit Rate for Assault per 100,000 Residents (2005-2010) 117
Map 97 Average Annual Mortality Rate for Homicide per 100,000 Residents (2010-2019) 118
Map 98 Crime Rate Index (2020) 119

11 Housing 121
Map 99 Residential Density (2021) 122
Map 100 Housing Diversity (2021) 123
Map 101 Percentage of Renter-Occupied Housing Units (2019) 124
Map 102 Renter-Occupied Housing Units (2019) 125
Map 103 Percentage of Housing Units with 1 or More Persons per Room (2019) 126
Map 104 Percentage of Housing Units with 1.5 or More Persons per Room (2019) 127
Map 105 Percentage of Households Paying More than 30% of Income on Housing Costs (2019) 128
Map 106 Percentage of Population Paying More than 35% of Income on Monthly Rent (2019) 129
Map 107 Subsidized Housing Units (2020-2021) 130
Map 108 Homelessness by City Council District (2020) 131

12 Environmental Health 133
Map 109 Population Density within 500 Feet of Truck Routes (2019) 134
Map 110 Population Density within 500 Feet of Manufacturing, Warehousing and Distribution, and Refinery and Chemical Plants Lands and the Port (2019) 135
Map 111 Pollution Exposure Score (2021) 136
Map 112 Environmental Effects (2021) 137
Map 113 Pollution Burden Index (2021) 138

13 Community Health and Equity Index 139
Map 114 Community Health and Equity Index (2021) 140
Map 115 Community Health and Equity Index - Areas in the Top Quintile (2021) 141

Chapter 1 | INTRODUCTION

The Health Atlas for the City of Los Angeles 2021 presents a data-driven snapshot of health conditions and outcomes in the City of Los Angeles. It illustrates geographic variation in socio-economic conditions, demographic characteristics, the physical environment, and access to support systems and services, and provides a context for understanding how these factors contribute to the health of Angelenos.

The data underscore a key issue: where Angelenos live often influences their health and well-being. Los Angeles is a city with great health disparities and the patterns of inequality are reflected in many of the indicators highlighted in the Health Atlas. The spatial characteristics of physical and social determinants of health have roots in structural racism and historic and ongoing discrimination. Historic policies such as redlining have had lasting effects in Los Angeles. The analysis is a first step in understanding the areas of the City burdened with the most adverse health-related conditions in order to improve health outcomes and environmental justice for all Angelenos.

The Health Atlas contains 115 maps covering regional context, demographic and social characteristics, economic conditions, education, health conditions, land use, transportation, food systems, crime, housing, and environmental health. In addition to displaying US Census Bureau, City, County, and other data, the Health Atlas contains several indices to facilitate comparisons across the city on subjects including environmental hazards (Map 113: Pollution Burden Index), transportation quality (Map 84: Transportation Index), and economic conditions (Map 19: Hardship Index). The Health Atlas culminates in a Community Health and Equity Index (Maps 114 and 115) which combines many of the above variables into a single index to compare health conditions across the City of Los Angeles. The Community Health and Equity Index can be used to understand the areas of the city with the highest vulnerabilities and cumulative burdens as compared to other portions of the City.

Background

The Health Atlas for the City of Los Angeles was originally developed in 2013 as a first step in the process to develop a Health and Wellness Chapter of the General Plan. The Health Atlas 2013 articulated the baseline health conditions in the City of Los Angeles and provided a context for understanding how demographic conditions, social and economic factors, the physical environment, access to health care, and health behaviors contribute to the health of Angelenos. It also examined the relationship between factors that identify the areas of the City burdened with the most adverse health-related conditions, and key health issues in the community.

Funding for the Health Atlas 2013 and Plan for a Health Los Angeles was made possible with funding from the Centers for Disease Control and Prevention through the Los Angeles County Department of Public Health.

The Health Atlas 2013 was used to inform the policies and goals of the Plan for a Healthy Los Angeles, the Health, Equity, and Wellness Element of the City's General Plan, and helped direct the project's outreach efforts to the communities facing the most adverse health outcomes. The Plan for a Healthy Los Angeles was adopted by the City Council in March 2015. Technical amendments to the Plan for a Healthy Los Angeles were adopted in November 2021.

Updating the Health Atlas

The Health Atlas is an informational and analytical tool, and an important supporting document of the Plan for a Healthy Los Angeles. The Health Atlas is also an important tool for tracking progress over time. However, the Health Atlas maps are not designatory or regulatory. The Plan for a Healthy Los Angeles recognizes the Health Atlas is most useful when updated regularly, and therefore the Health Atlas does not require a General Plan amendment in order to be updated or modified.

Implementation Program 59 of the Plan for a Healthy Los Angeles directs the Los Angeles Department of City Planning to "prepare an updated Health Atlas Report in five and ten years from Plan adoption to evaluate community health and wellbeing." The five-year update is contained in this document, the Health Atlas 2021.

The Health Atlas 2021 uses the most current information available to update the maps of the Health Atlas 2013 as faithfully as possible. Due to data availability, in some cases the geographic scale of the data (such as ZIP codes, census tracts, or census blocks) or the data source has changed for the Health Atlas 2021. Where this is the case, it is noted on the map.

Background information on the indicators used in the Health Atlas can be found in the Health Atlas 2013.

About this Atlas

The Health Atlas provides a snapshot of social, demographic, economic, education, health, land use, transportation, food system, crime, housing, and environmental health conditions across the City of Los Angeles. Each chapter includes a series of maps examining the differences in communities across the City. The indicators were selected for the Health Atlas 2013 based on availability of data and known relationships to health behaviors and outcomes, and have been updated with current data for the Health Atlas 2021. These indicators can be used to monitor city and neighborhood changes in health conditions, equity, and environmental justice over time.

The Health Atlas is organized into the following chapters:

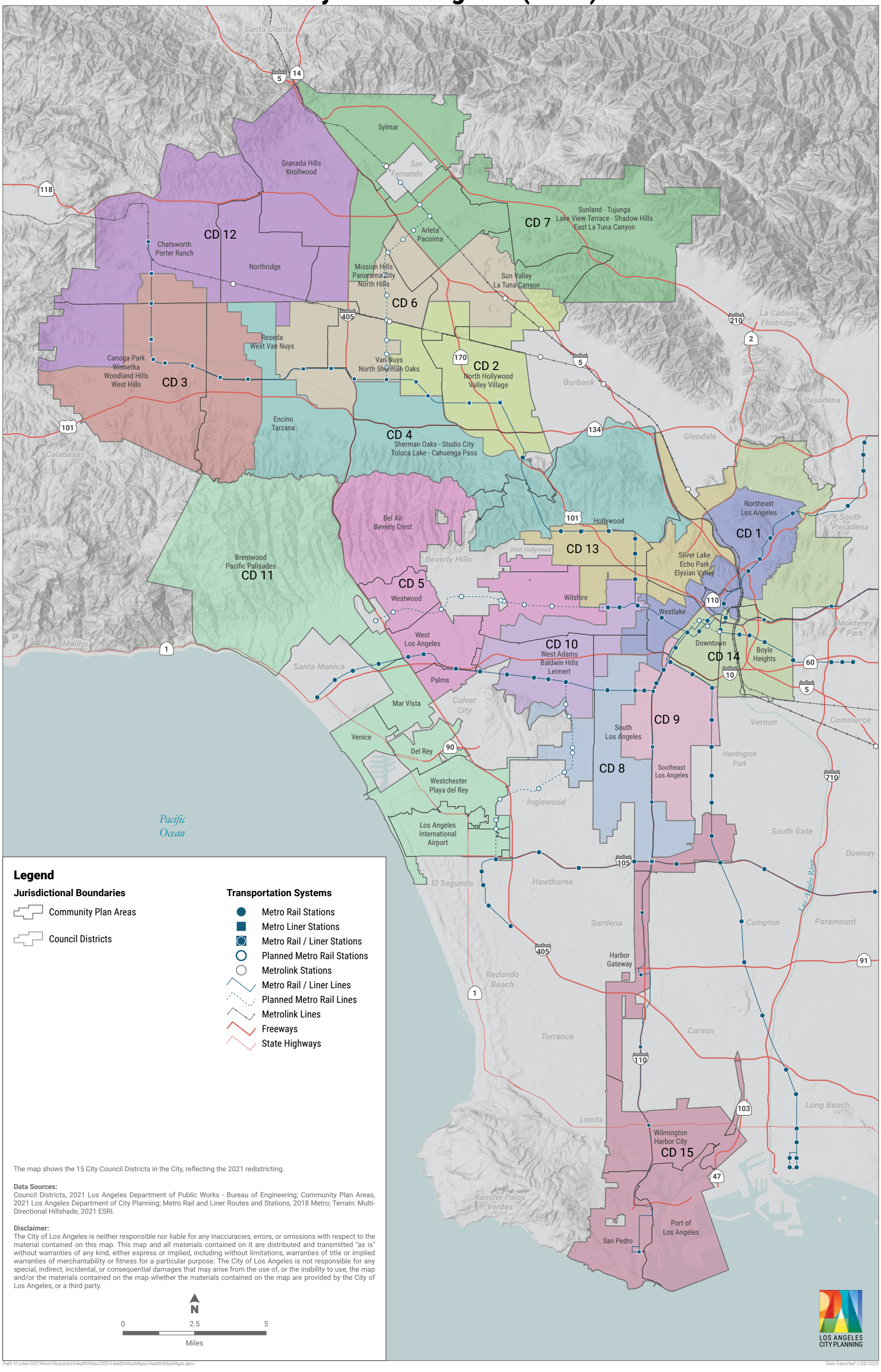
- **Chapter 2: Regional Context** includes maps showing all the different geographic scales used in the Health Atlas, including City Council Districts, Community Plan Areas (CPAs), Health Districts (HDs), Service Planning Areas (SPAs), ZIP codes, and U.S. Census Bureau geographic designations.
- **Chapter 3: Demographic and Social Characteristics** examines information on age characteristics, racial and ethnic groups, and linguistic isolation.
- **Chapter 4: Economic Conditions** provides information about the location of economic hardship, income, poverty, and unemployment.
- **Chapter 5: Education** includes information about education attainment, academic performance, and free and reduced-price lunches.
- **Chapter 6: Health Conditions** examines information on life expectancy, causes of death, obese and overweight populations, asthma and other respiratory diseases, birth weight, tobacco use, and access to health care.
- **Chapter 7: Land Use** assesses data and information on land use, block size and structure, parks and open space, and employment areas.
- **Chapter 8: Transportation** examines information on transportation demand, infrastructure, and safety.
- **Chapter 9: Food Systems** incorporates information about the location of healthy and unhealthy food sources, alcohol outlets, and food security program participants and vendors.
- **Chapter 10: Crime** describes the physical location of criminal activity within the city and the spatial concentration of specific types of violent crime.
- **Chapter 11: Housing** includes data and information on housing density, diversity, overcrowding, and cost.
- **Chapter 12: Environmental Health** assesses information on a number of exposures to pollution and the burdens that many communities face from different environmental pollutants.
- **Chapter 13: Community Health and Equity Index** combines demographic, socio-economic, health conditions, land use, transportation, food environment, crime, and pollution burden variables into a single index to compare health conditions across the City of Los Angeles.

REGIONAL CONTEXT

Chapter 2

Map 1

Council Districts for the City of Los Angeles (2021)



Legend

Jurisdictional Boundaries

- Community Plan Areas
- Council Districts

Transportation Systems

- Metro Rail Stations
- Metro Liner Stations
- Metro Rail / Liner Stations
- Planned Metro Rail Stations
- Metrolink Stations
- Metro Rail / Liner Lines
- Planned Metro Rail Lines
- Metrolink Lines
- Freeways
- State Highways

The map shows the 15 City Council Districts in the City, reflecting the 2021 redistricting.

Data Sources:
Council Districts, 2021 Los Angeles Department of Public Works - Bureau of Engineering; Community Plan Areas, 2021 Los Angeles Department of City Planning; Metro Rail and Liner Routes and Stations, 2018 Metro; Terrain: Multi-Directional Hillshade, 2021 ESRI.

Disclaimer:
The City of Los Angeles is neither responsible nor liable for any inaccuracies, errors, or omissions with respect to the material contained on this map. This map and all materials contained on it are distributed and transmitted "as is" without warranties of any kind, either express or implied, including without limitations, warranties of title or implied warranties of merchantability or fitness for a particular purpose. The City of Los Angeles is not responsible for any special, indirect, incidental, or consequential damages that may arise from the use of, or the inability to use, the map and/or the materials contained on the map whether the materials contained on the map are provided by the City of Los Angeles, or a third party.

N

0 2.5 5

Miles

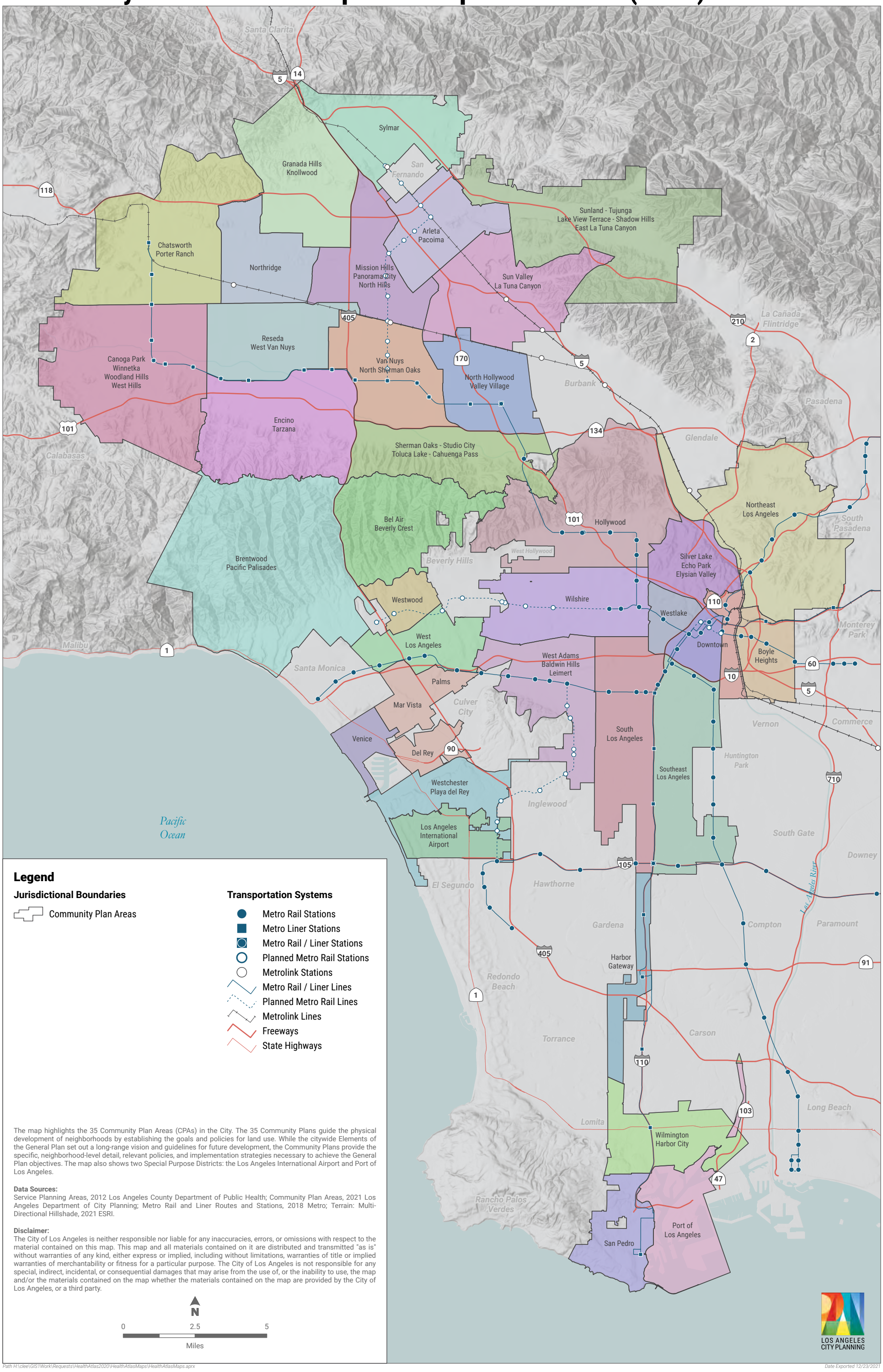
LOS ANGELES CITY PLANNING

Path H:\clee\GIS1Work\Requests\HealthAtlas2020\HealthAtlasMaps\HealthAtlasMaps.aprx

Date Exported 1/28/2022

Map 2

Community Plan Areas and Special Purpose Districts (2021)



Legend

Jurisdictional Boundaries

- Community Plan Areas

Transportation Systems

- Metro Rail Stations
- Metro Liner Stations
- Metro Rail / Liner Stations
- Planned Metro Rail Stations
- Metrolink Stations
- Metro Rail / Liner Lines
- Planned Metro Rail Lines
- Metrolink Lines
- Freeways
- State Highways

The map highlights the 35 Community Plan Areas (CPAs) in the City. The 35 Community Plans guide the physical development of neighborhoods by establishing the goals and policies for land use. While the citywide Elements of the General Plan set out a long-range vision and guidelines for future development, the Community Plans provide the specific, neighborhood-level detail, relevant policies, and implementation strategies necessary to achieve the General Plan objectives. The map also shows two Special Purpose Districts: the Los Angeles International Airport and Port of Los Angeles.

Data Sources:
Service Planning Areas, 2012 Los Angeles County Department of Public Health; Community Plan Areas, 2021 Los Angeles Department of City Planning; Metro Rail and Liner Routes and Stations, 2018 Metro; Terrain: Multi-Directional Hillshade, 2021 ESRI.

Disclaimer:
The City of Los Angeles is neither responsible nor liable for any inaccuracies, errors, or omissions with respect to the material contained on this map. This map and all materials contained on it are distributed and transmitted "as is" without warranties of any kind, either express or implied, including without limitations, warranties of title or implied warranties of merchantability or fitness for a particular purpose. The City of Los Angeles is not responsible for any special, indirect, incidental, or consequential damages that may arise from the use of, or the inability to use, the map and/or the materials contained on the map whether the materials contained on the map are provided by the City of Los Angeles, or a third party.

N

0 2.5 5

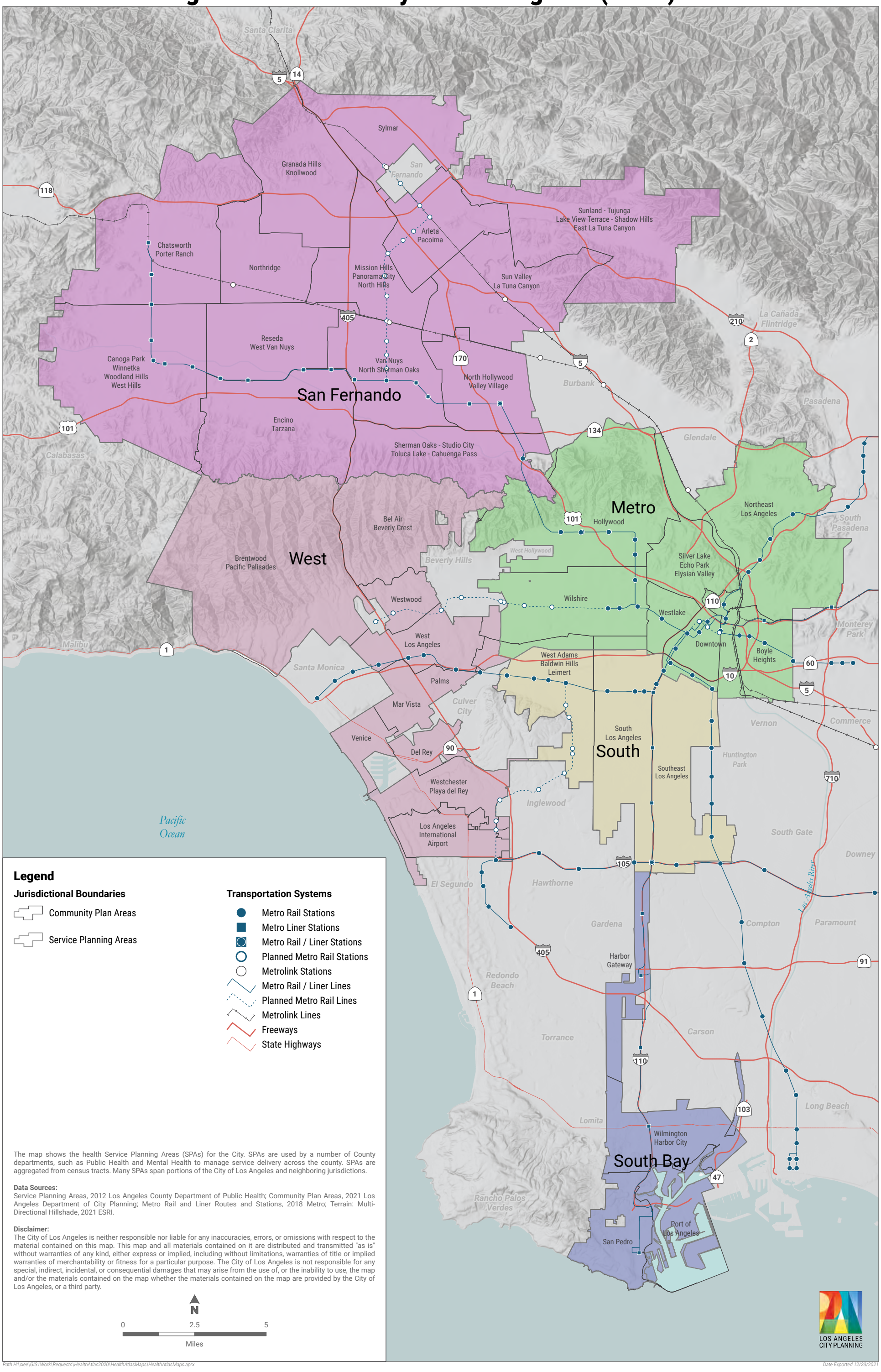
Miles

Path H:\clee\GIS1Work\Requests\HealthAtlas2020\HealthAtlasMaps\HealthAtlasMaps.aprx

Date Exported 12/23/2021

Map 3

Service Planning Areas for the City of Los Angeles (2012)



Legend

Jurisdictional Boundaries

- Community Plan Areas
- Service Planning Areas

Transportation Systems

- Metro Rail Stations
- Metro Liner Stations
- Metro Rail / Liner Stations
- Planned Metro Rail Stations
- Metrolink Stations
- Metro Rail / Liner Lines
- Planned Metro Rail Lines
- Metrolink Lines
- Freeways
- State Highways

The map shows the health Service Planning Areas (SPAs) for the City. SPAs are used by a number of County departments, such as Public Health and Mental Health to manage service delivery across the county. SPAs are aggregated from census tracts. Many SPAs span portions of the City of Los Angeles and neighboring jurisdictions.

Data Sources:
Service Planning Areas, 2012 Los Angeles County Department of Public Health; Community Plan Areas, 2021 Los Angeles Department of City Planning; Metro Rail and Liner Routes and Stations, 2018 Metro; Terrain: Multi-Directional Hillshade, 2021 ESRI.

Disclaimer:
The City of Los Angeles is neither responsible nor liable for any inaccuracies, errors, or omissions with respect to the material contained on this map. This map and all materials contained on it are distributed and transmitted "as is" without warranties of any kind, either express or implied, including without limitations, warranties of title or implied warranties of merchantability or fitness for a particular purpose. The City of Los Angeles is not responsible for any special, indirect, incidental, or consequential damages that may arise from the use of, or the inability to use, the map and/or the materials contained on the map whether the materials contained on the map are provided by the City of Los Angeles, or a third party.

N

0 2.5 5

Miles

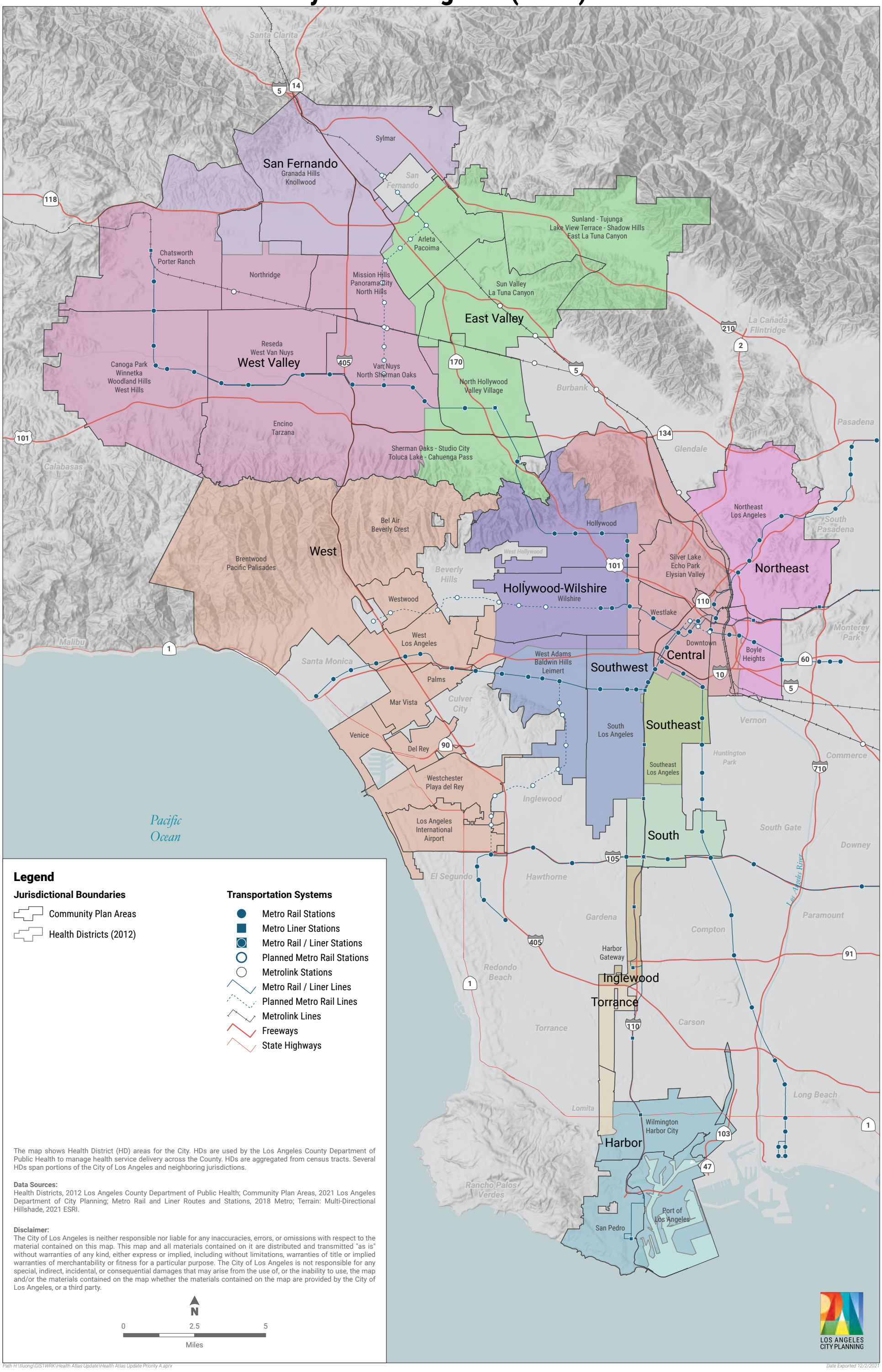
LOS ANGELES CITY PLANNING

Path H:\clee\GIS1Work\Requests\HealthAtlas2020\HealthAtlasMaps\HealthAtlasMaps.aprx

Date Exported 12/23/2021

Map 4

Health Districts for the City of Los Angeles (2012)



Legend

Jurisdictional Boundaries

- Community Plan Areas
- Health Districts (2012)

Transportation Systems

- Metro Rail Stations
- Metro Liner Stations
- Metro Rail / Liner Stations
- Planned Metro Rail Stations
- Metrolink Stations
- Metro Rail / Liner Lines
- Planned Metro Rail Lines
- Metrolink Lines
- Freeways
- State Highways

The map shows Health District (HD) areas for the City. HDs are used by the Los Angeles County Department of Public Health to manage health service delivery across the County. HDs are aggregated from census tracts. Several HDs span portions of the City of Los Angeles and neighboring jurisdictions.

Data Sources:
Health Districts, 2012 Los Angeles County Department of Public Health; Community Plan Areas, 2021 Los Angeles Department of City Planning; Metro Rail and Liner Routes and Stations, 2018 Metro; Terrain: Multi-Directional Hillshade, 2021 ESRI.

Disclaimer:
The City of Los Angeles is neither responsible nor liable for any inaccuracies, errors, or omissions with respect to the material contained on this map. This map and all materials contained on it are distributed and transmitted "as is" without warranties of any kind, either express or implied, including without limitations, warranties of title or implied warranties of merchantability or fitness for a particular purpose. The City of Los Angeles is not responsible for any special, indirect, incidental, or consequential damages that may arise from the use of, or the inability to use, the map and/or the materials contained on the map whether the materials contained on the map are provided by the City of Los Angeles, or a third party.

N

0 2.5 5

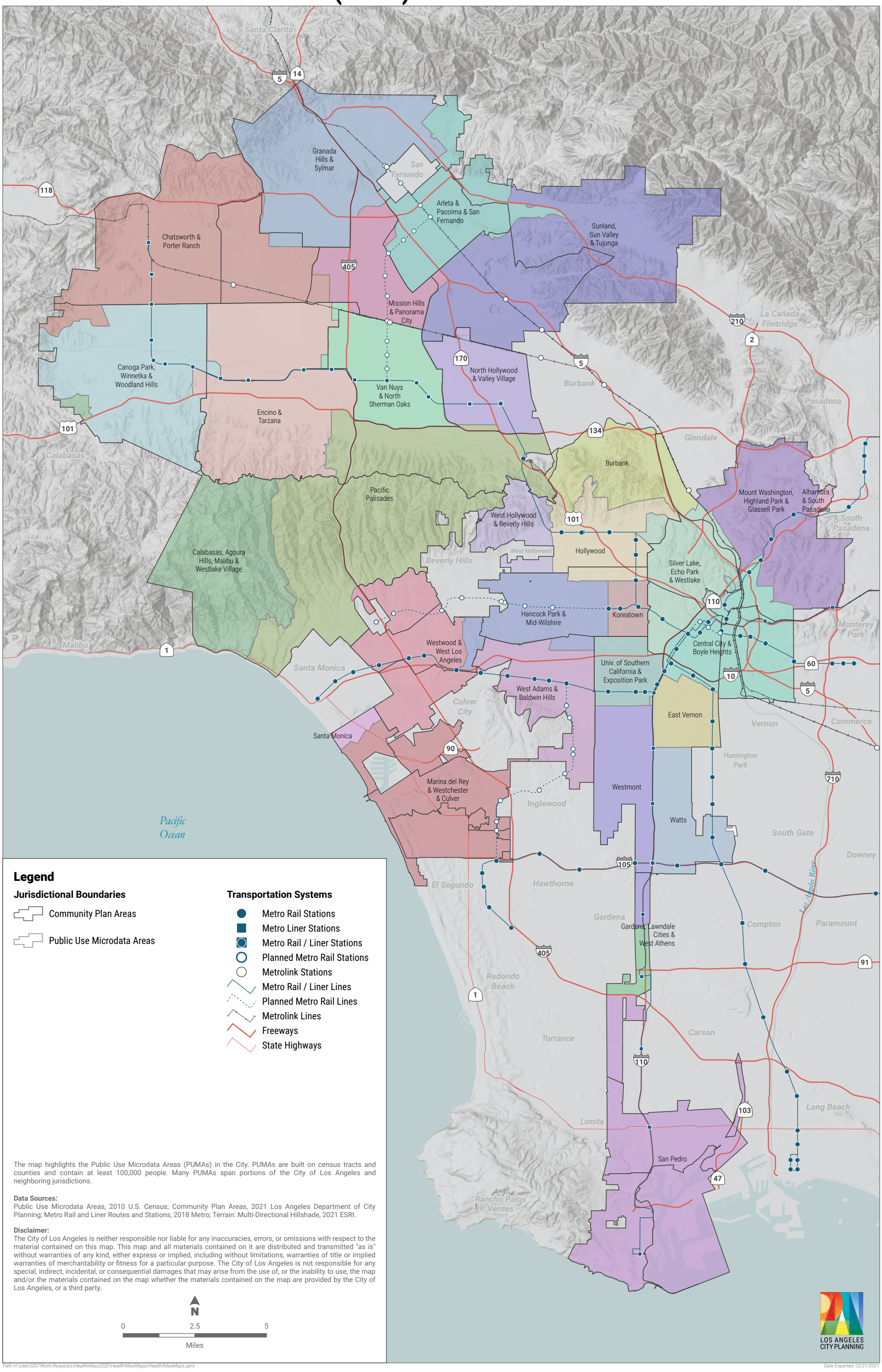
Miles

Path H:\tluong\GIS1WRK\Health Atlas Update\Health Atlas Update Priority A.aprx

Date Exported 12/2/2021

Map 5

Public Use Microdata Areas (2010)



Legend

Jurisdictional Boundaries

- Community Plan Areas
- Public Use Microdata Areas

Transportation Systems

- Metro Rail Stations
- Metro Liner Stations
- Metro Rail / Liner Stations
- Planned Metro Rail Stations
- Metrolink Stations
- Metro Rail / Liner Lines
- Planned Metro Rail Lines
- Metrolink Lines
- Freeways
- State Highways

The map highlights the Public Use Microdata Areas (PUMAs) in the City. PUMAs are built on census tracts and counties and contain at least 100,000 people. Many PUMAs span portions of the City of Los Angeles and neighboring jurisdictions.

Data Sources:
Public Use Microdata Areas, 2010 U.S. Census; Community Plan Areas, 2021 Los Angeles Department of City Planning; Metro Rail and Liner Routes and Stations, 2018 Metro; Terrain: Multi-Directional Hillshade, 2021 ESRI.

Disclaimer:
The City of Los Angeles is neither responsible nor liable for any inaccuracies, errors, or omissions with respect to the material contained on this map. This map and all materials contained on it are distributed and transmitted "as is" without warranties of any kind, either express or implied, including without limitations, warranties of title or implied warranties of merchantability or fitness for a particular purpose. The City of Los Angeles is not responsible for any special, indirect, incidental, or consequential damages that may arise from the use of, or the inability to use, the map and/or the materials contained on the map whether the materials contained on the map are provided by the City of Los Angeles, or a third party.

N

0 2.5 5

Miles

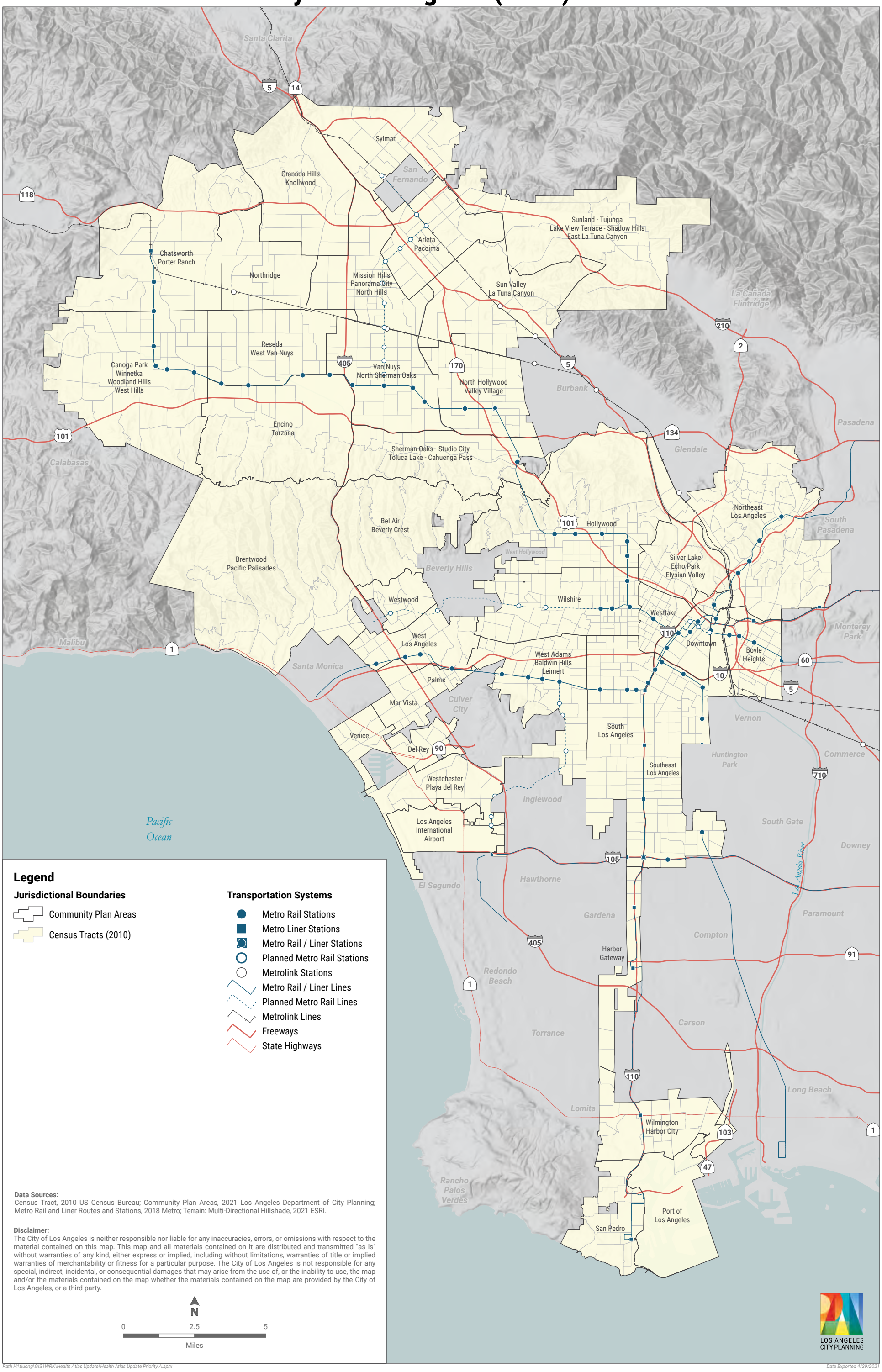
LOS ANGELES CITY PLANNING

Path H:\clee\GIS1Work\Requests\HealthAtlas2020\HealthAtlasMaps\HealthAtlasMaps.aprx

Date Exported 12/21/2021

Map 6

Census Tracts for the City of Los Angeles (2010)



Legend

Jurisdictional Boundaries

- Community Plan Areas
- Census Tracts (2010)

Transportation Systems

- Metro Rail Stations
- Metro Liner Stations
- Metro Rail / Liner Stations
- Planned Metro Rail Stations
- Metrolink Stations
- Metro Rail / Liner Lines
- Planned Metro Rail Lines
- Metrolink Lines
- Freeways
- State Highways

Data Sources:
Census Tract, 2010 US Census Bureau; Community Plan Areas, 2021 Los Angeles Department of City Planning; Metro Rail and Liner Routes and Stations, 2018 Metro; Terrain: Multi-Directional Hillshade, 2021 ESRI.

Disclaimer:
The City of Los Angeles is neither responsible nor liable for any inaccuracies, errors, or omissions with respect to the material contained on this map. This map and all materials contained on it are distributed and transmitted "as is" without warranties of any kind, either express or implied, including without limitations, warranties of title or implied warranties of merchantability or fitness for a particular purpose. The City of Los Angeles is not responsible for any special, indirect, incidental, or consequential damages that may arise from the use of, or the inability to use, the map and/or the materials contained on the map whether the materials contained on the map are provided by the City of Los Angeles, or a third party.

N

0 2.5 5

Miles

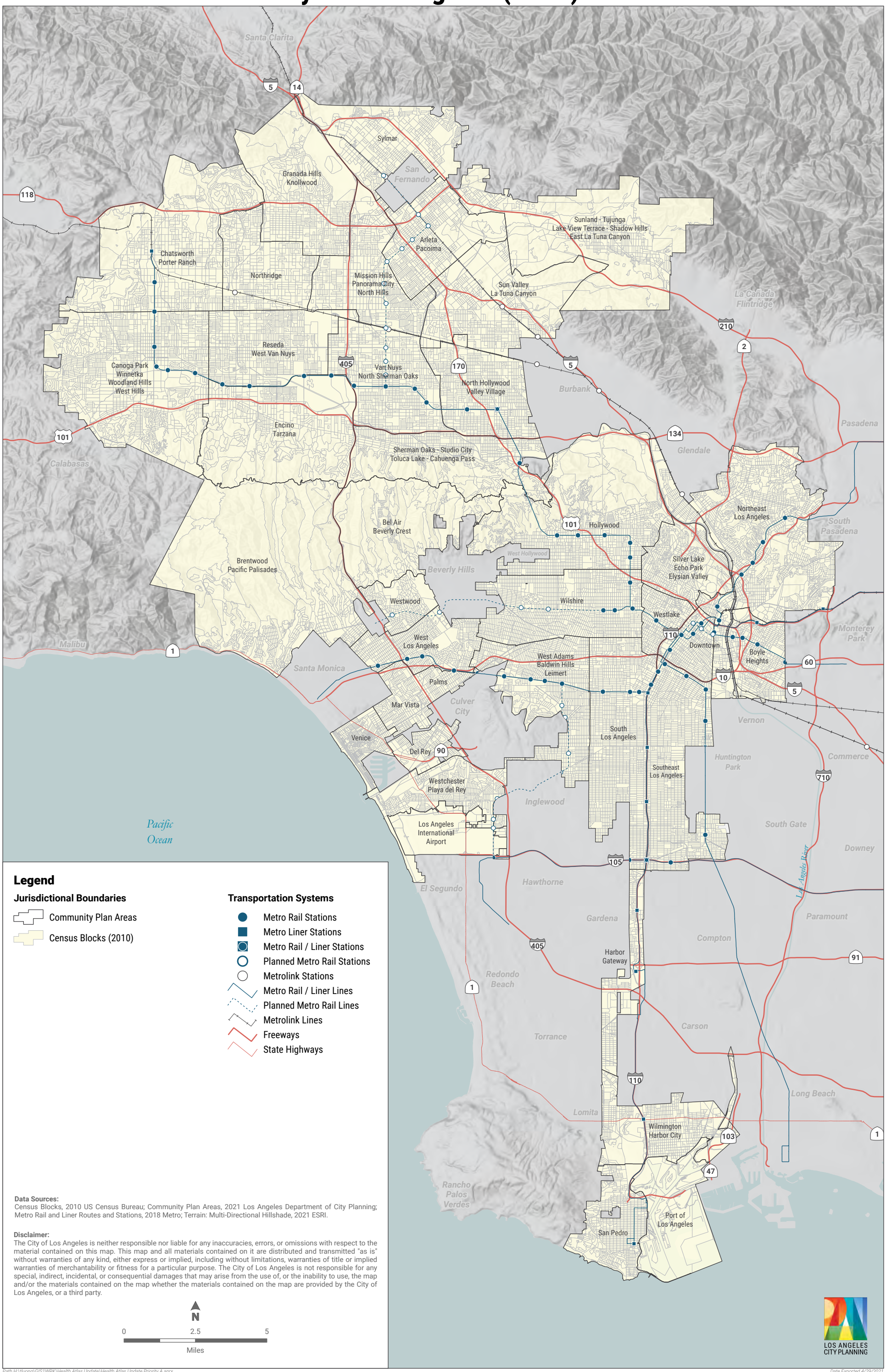
LOS ANGELES CITY PLANNING

Path H:\tluong\GIS1WRK\Health Atlas Update\Health Atlas Update Priority A.aprx

Date Exported 4/29/2021

Map 7

Census Blocks for the City of Los Angeles (2010)



Legend

Jurisdictional Boundaries

- Community Plan Areas
- Census Blocks (2010)

Transportation Systems

- Metro Rail Stations
- Metro Liner Stations
- Metro Rail / Liner Stations
- Planned Metro Rail Stations
- Metrolink Stations
- Metro Rail / Liner Lines
- Planned Metro Rail Lines
- Metrolink Lines
- Freeways
- State Highways

Data Sources:
Census Blocks, 2010 US Census Bureau; Community Plan Areas, 2021 Los Angeles Department of City Planning; Metro Rail and Liner Routes and Stations, 2018 Metro; Terrain: Multi-Directional Hillshade, 2021 ESRI.

Disclaimer:
The City of Los Angeles is neither responsible nor liable for any inaccuracies, errors, or omissions with respect to the material contained on this map. This map and all materials contained on it are distributed and transmitted "as is" without warranties of any kind, either express or implied, including without limitations, warranties of title or implied warranties of merchantability or fitness for a particular purpose. The City of Los Angeles is not responsible for any special, indirect, incidental, or consequential damages that may arise from the use of, or the inability to use, the map and/or the materials contained on the map whether the materials contained on the map are provided by the City of Los Angeles, or a third party.

N

0 2.5 5

Miles

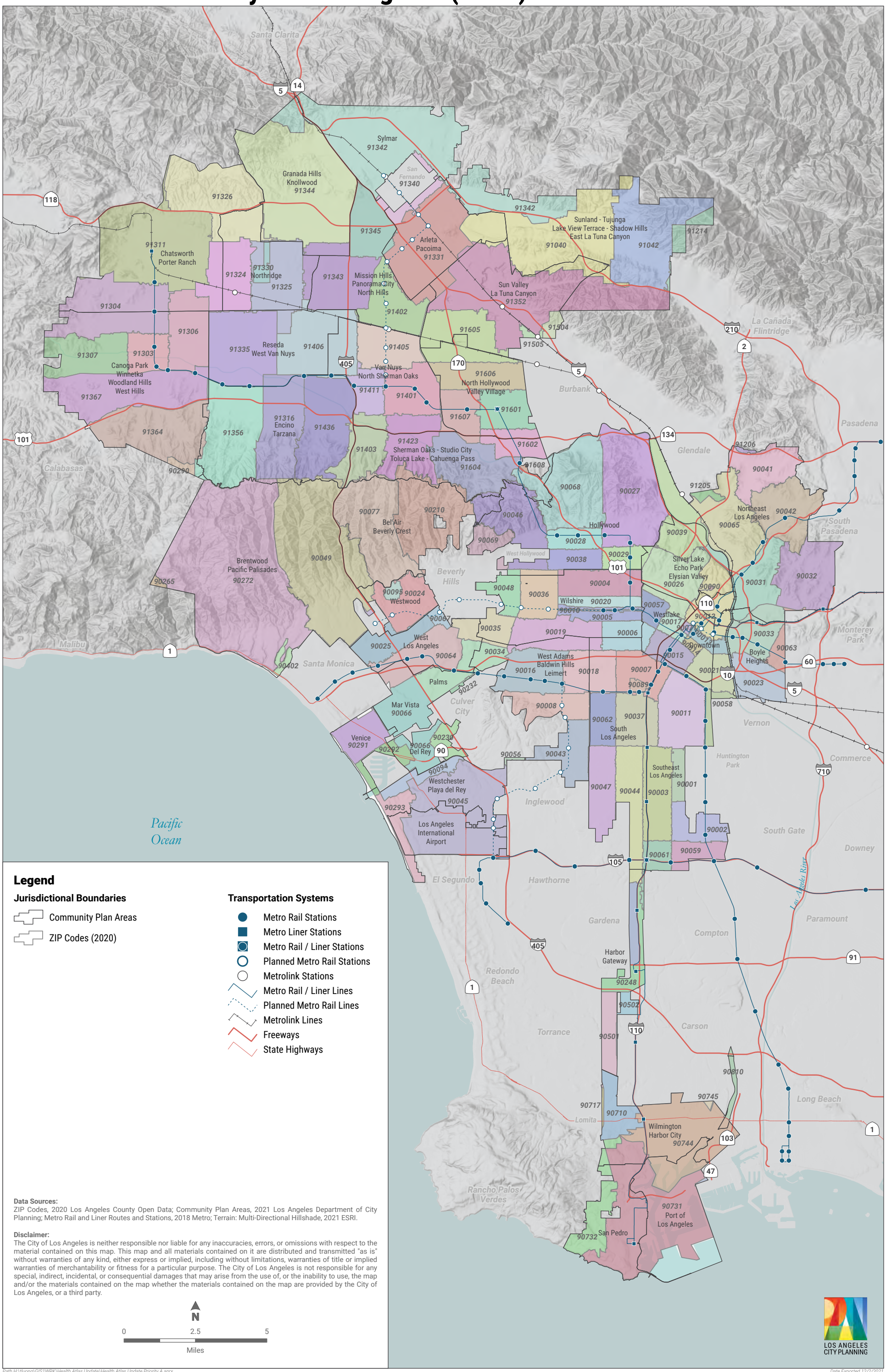
LOS ANGELES CITY PLANNING

Path H:\tluong\GIS1WRK\Health Atlas Update\Health Atlas Update Priority A.aprx

Date Exported 4/29/2021

Map 8

ZIP Codes for the City of Los Angeles (2020)



Legend

Jurisdictional Boundaries

- Community Plan Areas
- ZIP Codes (2020)

Transportation Systems

- Metro Rail Stations
- Metro Liner Stations
- Metro Rail / Liner Stations
- Planned Metro Rail Stations
- Metrolink Stations
- Metro Rail / Liner Lines
- Planned Metro Rail Lines
- Metrolink Lines
- Freeways
- State Highways

Data Sources:
ZIP Codes, 2020 Los Angeles County Open Data; Community Plan Areas, 2021 Los Angeles Department of City Planning; Metro Rail and Liner Routes and Stations, 2018 Metro; Terrain: Multi-Directional Hillshade, 2021 ESRI.

Disclaimer:
The City of Los Angeles is neither responsible nor liable for any inaccuracies, errors, or omissions with respect to the material contained on this map. This map and all materials contained on it are distributed and transmitted "as is" without warranties of any kind, either express or implied, including without limitations, warranties of title or implied warranties of merchantability or fitness for a particular purpose. The City of Los Angeles is not responsible for any special, indirect, incidental, or consequential damages that may arise from the use of, or the inability to use, the map and/or the materials contained on the map whether the materials contained on the map are provided by the City of Los Angeles, or a third party.

N

0 2.5 5

Miles

Path H:\tluong\GIS1WRK\Health Atlas Update\Health Atlas Update Priority A.aprx

Date Exported 12/2/2021

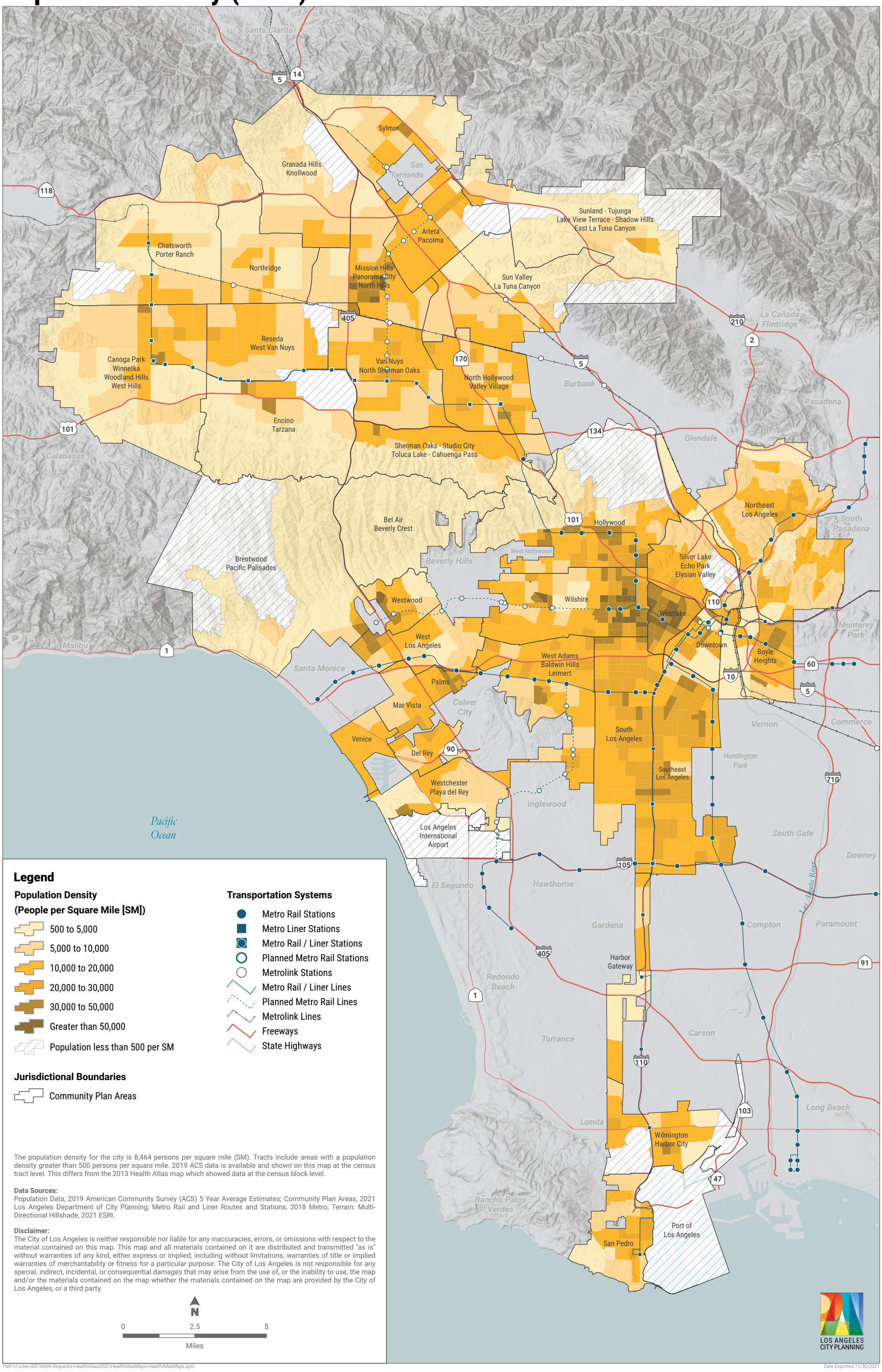
THIS PAGE IS INTENTIONALLY LEFT BLANK

DEMOGRAPHIC AND SOCIAL CHARACTERISTICS

Chapter 3

Map 9

Population Density (2019)



Legend

Population Density
(People per Square Mile [SM])

- 500 to 5,000
- 5,000 to 10,000
- 10,000 to 20,000
- 20,000 to 30,000
- 30,000 to 50,000
- Greater than 50,000
- Population less than 500 per SM

Transportation Systems

- Metro Rail Stations
- Metro Liner Stations
- Metro Rail / Liner Stations
- Planned Metro Rail Stations
- Metrolink Stations
- Metro Rail / Liner Lines
- Planned Metro Rail Lines
- Metrolink Lines
- Freeways
- State Highways

Jurisdictional Boundaries

- Community Plan Areas

The population density for the city is 8,464 persons per square mile (SM). Tracts include areas with a population density greater than 500 persons per square mile. 2019 ACS data is available and shown on this map at the census tract level. This differs from the 2013 Health Atlas map which showed data at the census block level.

Data Sources:
Population Data, 2019 American Community Survey (ACS) 5 Year Average Estimates; Community Plan Areas, 2021 Los Angeles Department of City Planning; Metro Rail and Liner Routes and Stations, 2018 Metro; Terrain: Multi-Directional Hillshade, 2021 ESRI.

Disclaimer:
The City of Los Angeles is neither responsible nor liable for any inaccuracies, errors, or omissions with respect to the material contained on this map. This map and all materials contained on it are distributed and transmitted "as is" without warranties of any kind, either express or implied, including without limitations, warranties of title or implied warranties of merchantability or fitness for a particular purpose. The City of Los Angeles is not responsible for any special, indirect, incidental, or consequential damages that may arise from the use of, or the inability to use, the map and/or the materials contained on the map whether the materials contained on the map are provided by the City of Los Angeles, or a third party.

N

0 2.5 5

Miles

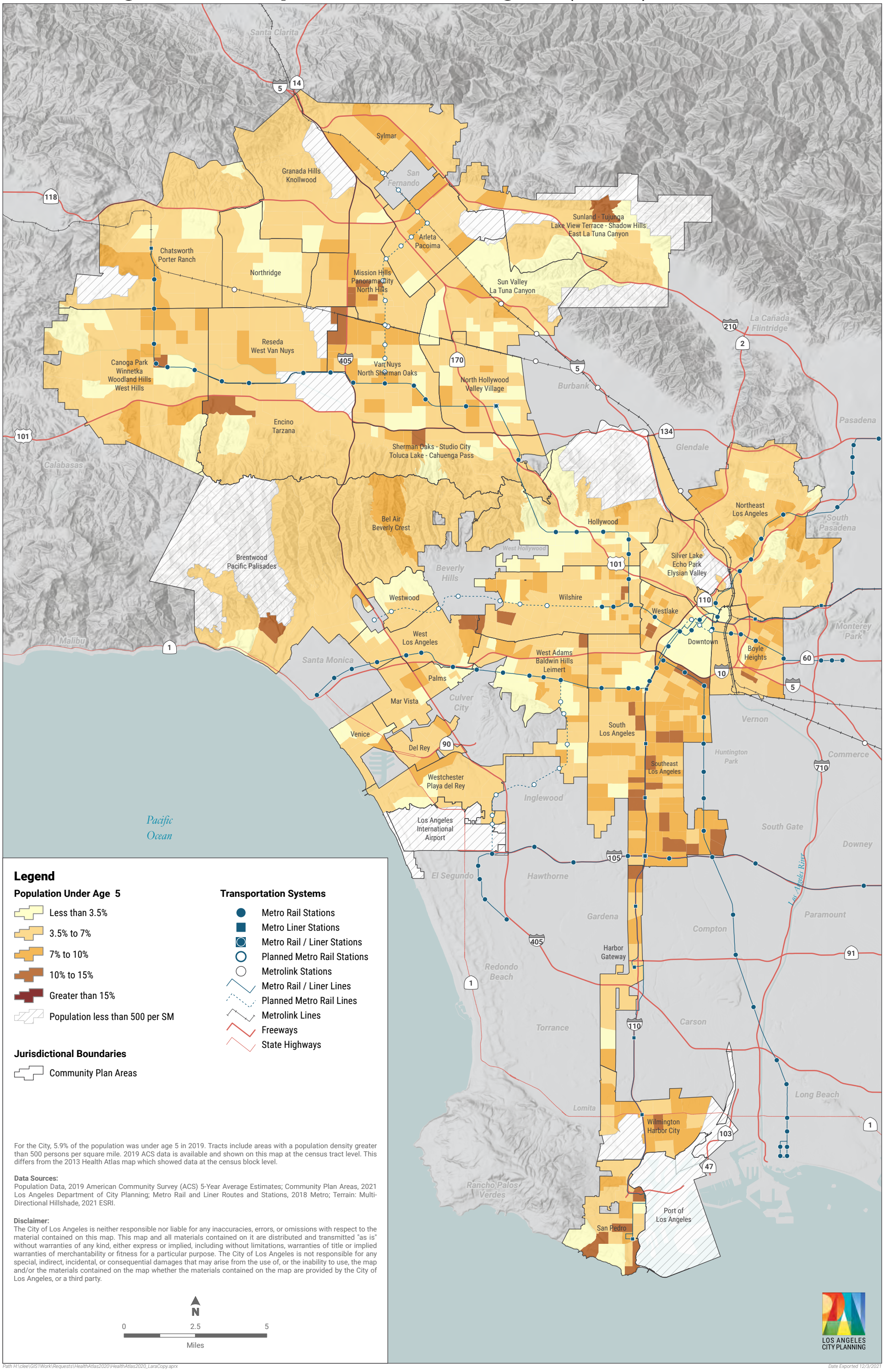
LOS ANGELES CITY PLANNING

Path H:\clee\GIS1Work\Requests\HealthAtlas2020\HealthAtlasMaps\HealthAtlasMaps.aprx

Date Exported 11/30/2021

Map 10

Percentage of the Population Under Age 5 (2019)



Legend

Population Under Age 5

- Less than 3.5%
- 3.5% to 7%
- 7% to 10%
- 10% to 15%
- Greater than 15%
- Population less than 500 per SM

Transportation Systems

- Metro Rail Stations
- Metro Liner Stations
- Metro Rail / Liner Stations
- Planned Metro Rail Stations
- Metrolink Stations
- Metro Rail / Liner Lines
- Planned Metro Rail Lines
- Metrolink Lines
- Freeways
- State Highways

Jurisdictional Boundaries

- Community Plan Areas

For the City, 5.9% of the population was under age 5 in 2019. Tracts include areas with a population density greater than 500 persons per square mile. 2019 ACS data is available and shown on this map at the census tract level. This differs from the 2013 Health Atlas map which showed data at the census block level.

Data Sources:
Population Data, 2019 American Community Survey (ACS) 5-Year Average Estimates; Community Plan Areas, 2021 Los Angeles Department of City Planning; Metro Rail and Liner Routes and Stations, 2018 Metro; Terrain: Multi-Directional Hillshade, 2021 ESRI.

Disclaimer:
The City of Los Angeles is neither responsible nor liable for any inaccuracies, errors, or omissions with respect to the material contained on this map. This map and all materials contained on it are distributed and transmitted "as is" without warranties of any kind, either express or implied, including without limitations, warranties of title or implied warranties of merchantability or fitness for a particular purpose. The City of Los Angeles is not responsible for any special, indirect, incidental, or consequential damages that may arise from the use of, or the inability to use, the map and/or the materials contained on the map whether the materials contained on the map are provided by the City of Los Angeles, or a third party.

N

0 2.5 5

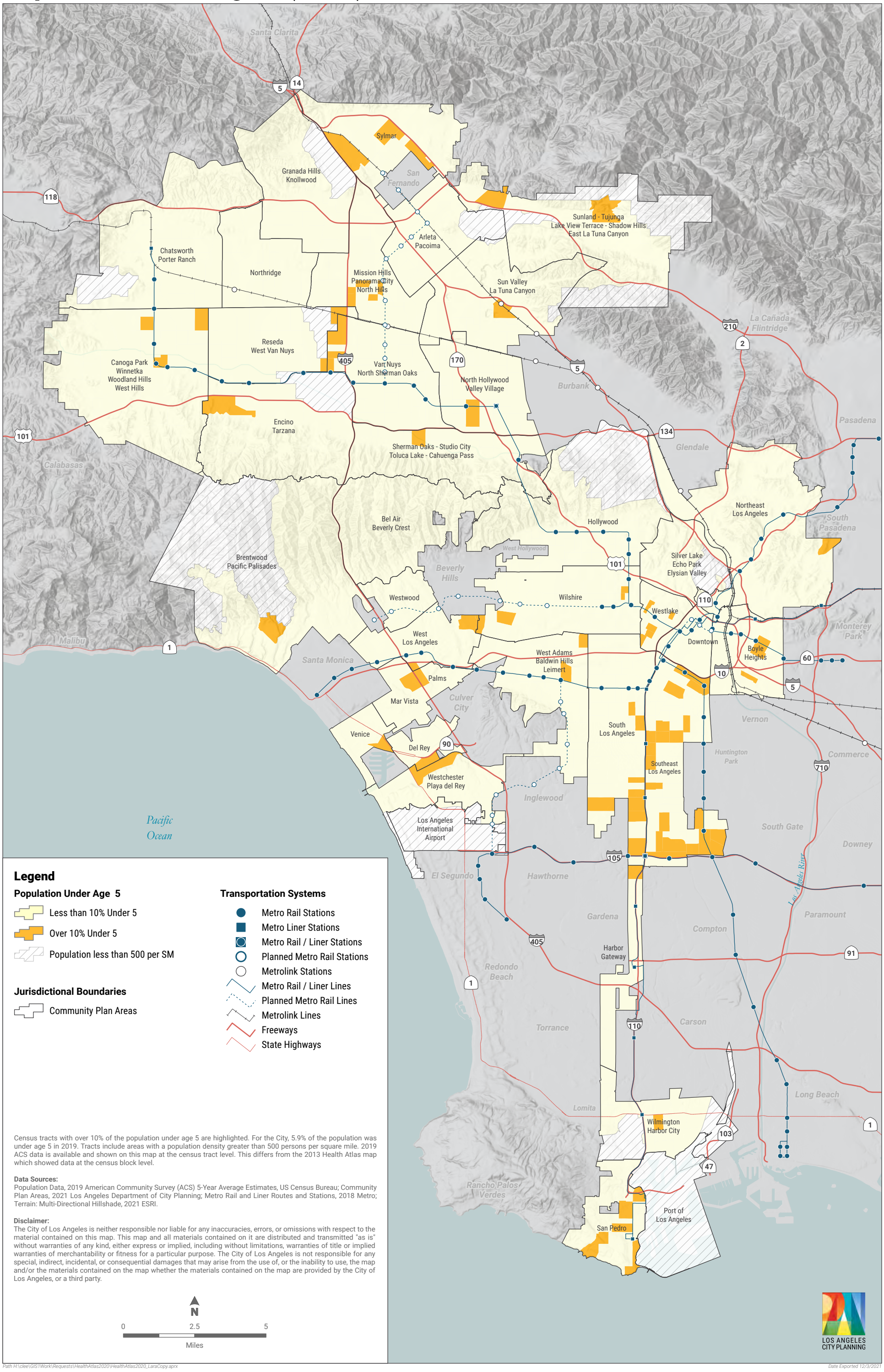
Miles

LOS ANGELES CITY PLANNING

Path H:\clee\GIS1Work\Requests\HealthAtlas2020\HealthAtlas2020_LaraCopy.aprx

Date Exported 12/3/2021

Map 11
Population Under Age 5 (2019)



Legend

Population Under Age 5

- Less than 10% Under 5
- Over 10% Under 5
- Population less than 500 per SM

Jurisdictional Boundaries

- Community Plan Areas

Transportation Systems

- Metro Rail Stations
- Metro Liner Stations
- Metro Rail / Liner Stations
- Planned Metro Rail Stations
- Metrolink Stations
- Metro Rail / Liner Lines
- Planned Metro Rail Lines
- Metrolink Lines
- Freeways
- State Highways

Census tracts with over 10% of the population under age 5 are highlighted. For the City, 5.9% of the population was under age 5 in 2019. Tracts include areas with a population density greater than 500 persons per square mile. 2019 ACS data is available and shown on this map at the census tract level. This differs from the 2013 Health Atlas map which showed data at the census block level.

Data Sources:
Population Data, 2019 American Community Survey (ACS) 5-Year Average Estimates, US Census Bureau; Community Plan Areas, 2021 Los Angeles Department of City Planning; Metro Rail and Liner Routes and Stations, 2018 Metro; Terrain: Multi-Directional Hillshade, 2021 ESRI.

Disclaimer:
The City of Los Angeles is neither responsible nor liable for any inaccuracies, errors, or omissions with respect to the material contained on this map. This map and all materials contained on it are distributed and transmitted "as is" without warranties of any kind, either express or implied, including without limitations, warranties of title or implied warranties of merchantability or fitness for a particular purpose. The City of Los Angeles is not responsible for any special, indirect, incidental, or consequential damages that may arise from the use of, or the inability to use, the map and/or the materials contained on the map whether the materials contained on the map are provided by the City of Los Angeles, or a third party.

N

0 2.5 5

Miles

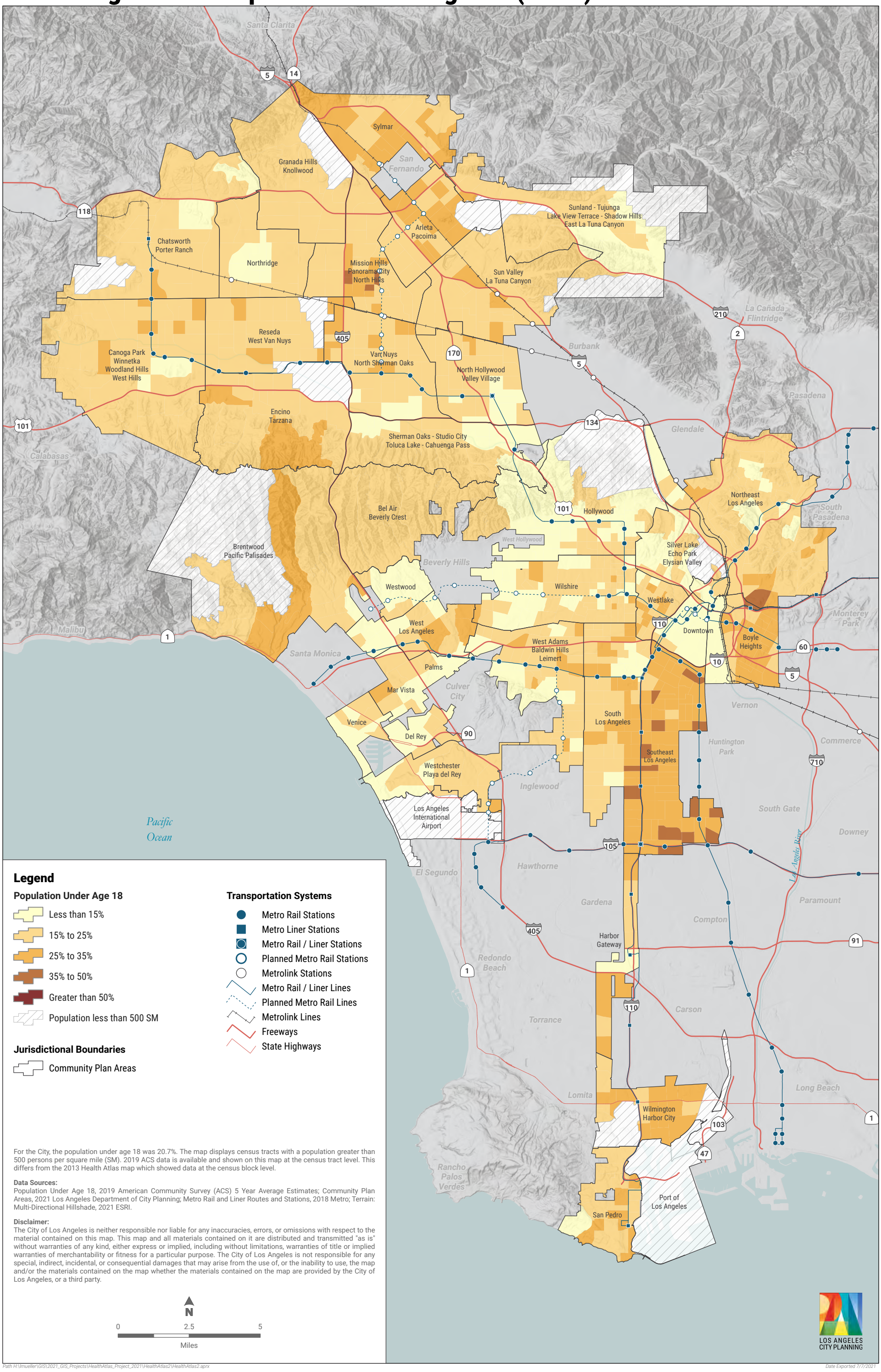
LOS ANGELES CITY PLANNING

Path H:\clee\GIS1Work\Requests\HealthAtlas2020\HealthAtlas2020_LaraCopy.aprx

Date Exported 12/3/2021

Map 12

Percentage of the Population Under Age 18 (2019)



Legend

Population Under Age 18

- Less than 15%
- 15% to 25%
- 25% to 35%
- 35% to 50%
- Greater than 50%
- Population less than 500 SM

Jurisdictional Boundaries

- Community Plan Areas

Transportation Systems

- Metro Rail Stations
- Metro Liner Stations
- Metro Rail / Liner Stations
- Planned Metro Rail Stations
- Metrolink Stations
- Metro Rail / Liner Lines
- Planned Metro Rail Lines
- Metrolink Lines
- Freeways
- State Highways

For the City, the population under age 18 was 20.7%. The map displays census tracts with a population greater than 500 persons per square mile (SM). 2019 ACS data is available and shown on this map at the census tract level. This differs from the 2013 Health Atlas map which showed data at the census block level.

Data Sources:
Population Under Age 18, 2019 American Community Survey (ACS) 5 Year Average Estimates; Community Plan Areas, 2021 Los Angeles Department of City Planning; Metro Rail and Liner Routes and Stations, 2018 Metro; Terrain: Multi-Directional Hillshade, 2021 ESRI.

Disclaimer:
The City of Los Angeles is neither responsible nor liable for any inaccuracies, errors, or omissions with respect to the material contained on this map. This map and all materials contained on it are distributed and transmitted "as is" without warranties of any kind, either express or implied, including without limitations, warranties of title or implied warranties of merchantability or fitness for a particular purpose. The City of Los Angeles is not responsible for any special, indirect, incidental, or consequential damages that may arise from the use of, or the inability to use, the map and/or the materials contained on the map whether the materials contained on the map are provided by the City of Los Angeles, or a third party.

N

0 2.5 5

Miles

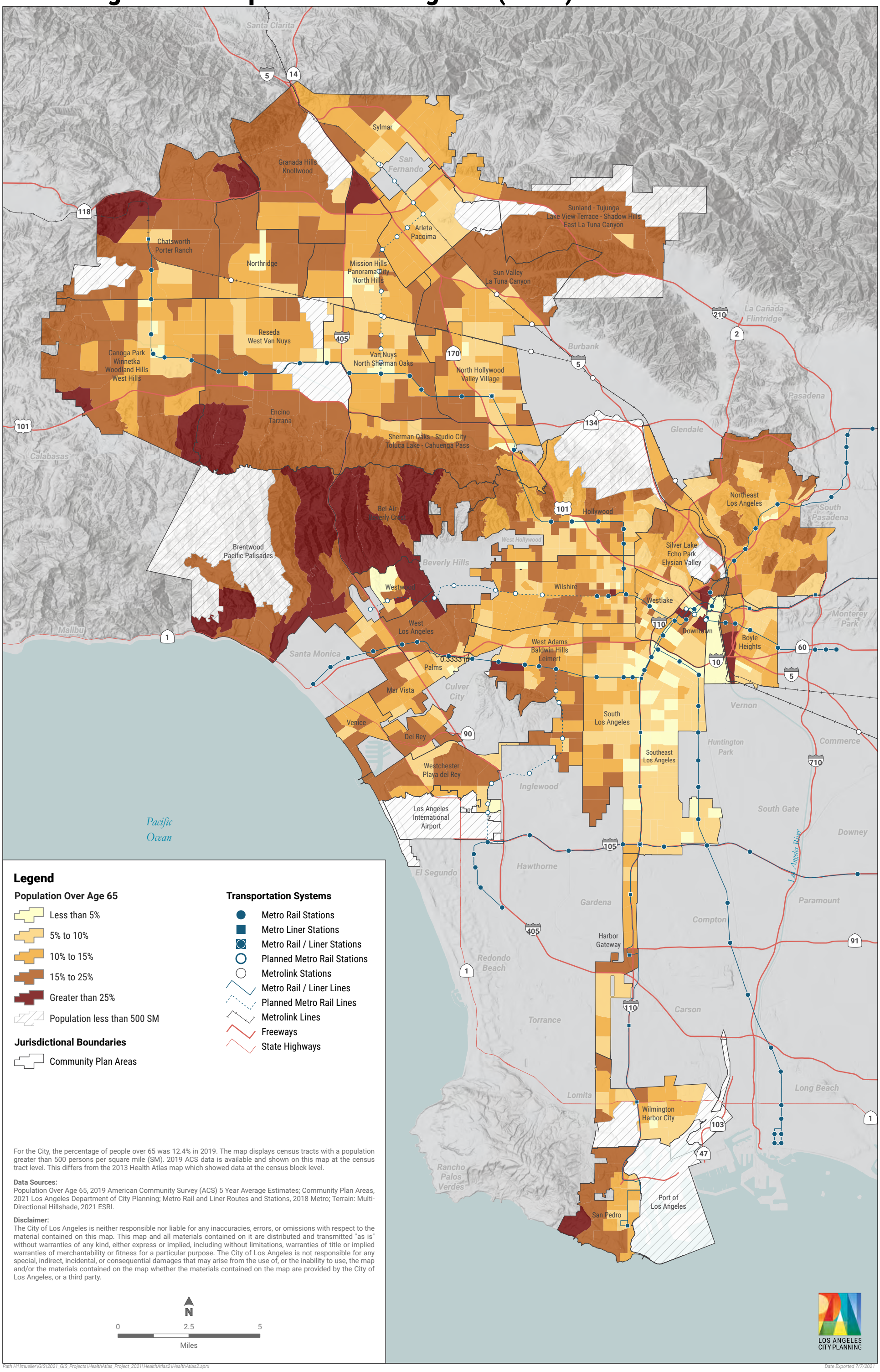
LOS ANGELES CITY PLANNING

Path H:\lmueller\GIS\2021_GIS_Projects\HealthAtlas_Project_2021\HealthAtlas2\HealthAtlas2.aprx

Date Exported 7/7/2021

Map 13

Percentage of the Population over Age 65 (2019)



Legend

Population Over Age 65

- Less than 5%
- 5% to 10%
- 10% to 15%
- 15% to 25%
- Greater than 25%
- Population less than 500 SM

Jurisdictional Boundaries

- Community Plan Areas

Transportation Systems

- Metro Rail Stations
- Metro Liner Stations
- Metro Rail / Liner Stations
- Planned Metro Rail Stations
- Metrolink Stations
- Metro Rail / Liner Lines
- Planned Metro Rail Lines
- Metrolink Lines
- Freeways
- State Highways

For the City, the percentage of people over 65 was 12.4% in 2019. The map displays census tracts with a population greater than 500 persons per square mile (SM). 2019 ACS data is available and shown on this map at the census tract level. This differs from the 2013 Health Atlas map which showed data at the census block level.

Data Sources:
Population Over Age 65, 2019 American Community Survey (ACS) 5 Year Average Estimates; Community Plan Areas, 2021 Los Angeles Department of City Planning; Metro Rail and Liner Routes and Stations, 2018 Metro; Terrain: Multi-Directional Hillshade, 2021 ESRI.

Disclaimer:
The City of Los Angeles is neither responsible nor liable for any inaccuracies, errors, or omissions with respect to the material contained on this map. This map and all materials contained on it are distributed and transmitted "as is" without warranties of any kind, either express or implied, including without limitations, warranties of title or implied warranties of merchantability or fitness for a particular purpose. The City of Los Angeles is not responsible for any special, indirect, incidental, or consequential damages that may arise from the use of, or the inability to use, the map and/or the materials contained on the map whether the materials contained on the map are provided by the City of Los Angeles, or a third party.

N

0 2.5 5

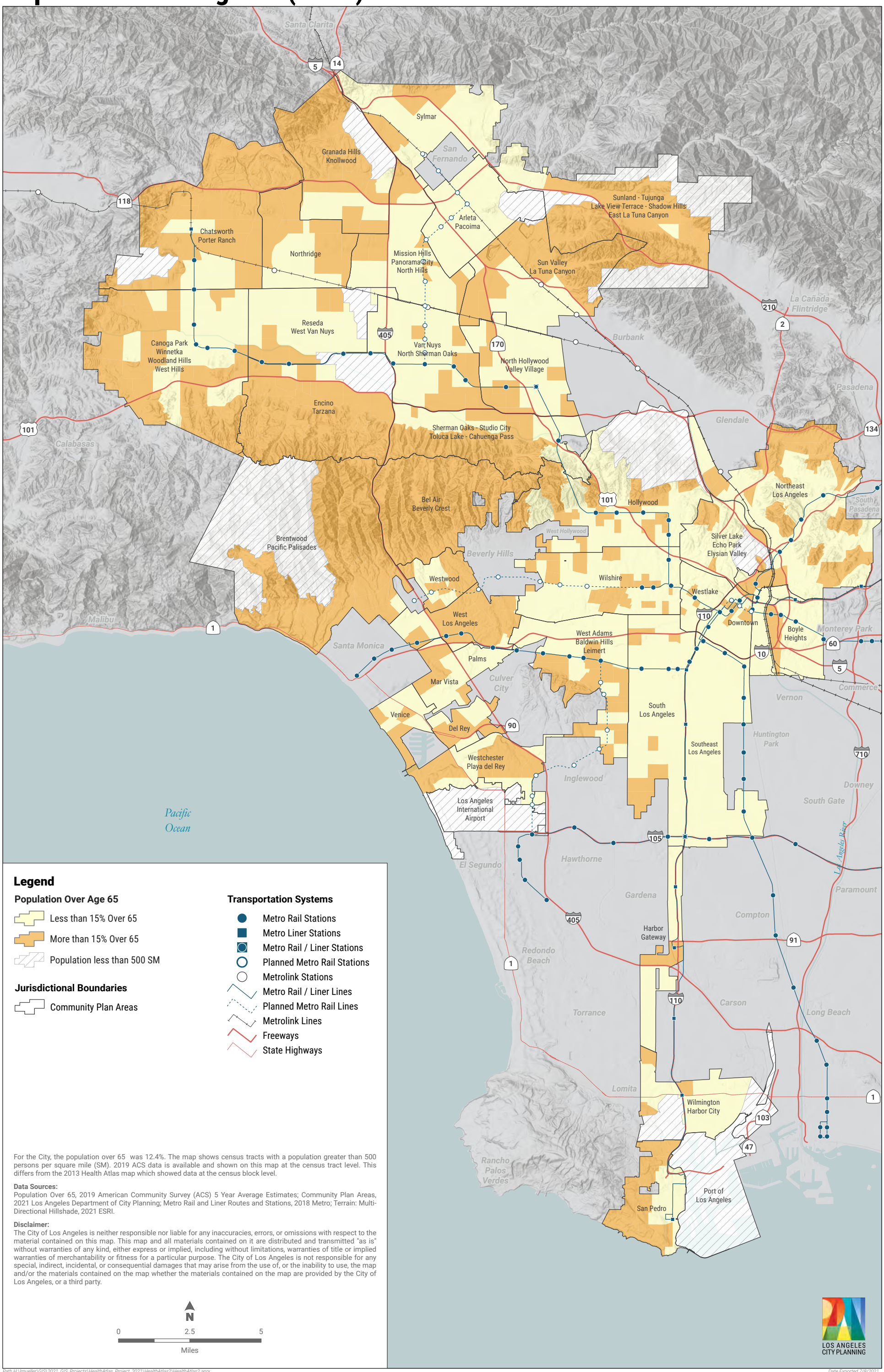
Miles

LOS ANGELES CITY PLANNING

Path H:\lmueller\GIS\2021_GIS_Projects\HealthAtlas_Project_2021\HealthAtlas2\HealthAtlas2.aprx

Date Exported 7/7/2021

Map 14
Population Over Age 65 (2019)



Legend

Population Over Age 65

- Less than 15% Over 65
- More than 15% Over 65
- Population less than 500 SM

Jurisdictional Boundaries

- Community Plan Areas

Transportation Systems

- Metro Rail Stations
- Metro Liner Stations
- Metro Rail / Liner Stations
- Planned Metro Rail Stations
- Metrolink Stations
- Metro Rail / Liner Lines
- Planned Metro Rail Lines
- Metrolink Lines
- Freeways
- State Highways

For the City, the population over 65 was 12.4%. The map shows census tracts with a population greater than 500 persons per square mile (SM). 2019 ACS data is available and shown on this map at the census tract level. This differs from the 2013 Health Atlas map which showed data at the census block level.

Data Sources:
Population Over 65, 2019 American Community Survey (ACS) 5 Year Average Estimates; Community Plan Areas, 2021 Los Angeles Department of City Planning; Metro Rail and Liner Routes and Stations, 2018 Metro; Terrain: Multi-Directional Hillshade, 2021 ESRI.

Disclaimer:
The City of Los Angeles is neither responsible nor liable for any inaccuracies, errors, or omissions with respect to the material contained on this map. This map and all materials contained on it are distributed and transmitted "as is" without warranties of any kind, either express or implied, including without limitations, warranties of title or implied warranties of merchantability or fitness for a particular purpose. The City of Los Angeles is not responsible for any special, indirect, incidental, or consequential damages that may arise from the use of, or the inability to use, the map and/or the materials contained on the map whether the materials contained on the map are provided by the City of Los Angeles, or a third party.

N

0 2.5 5

Miles

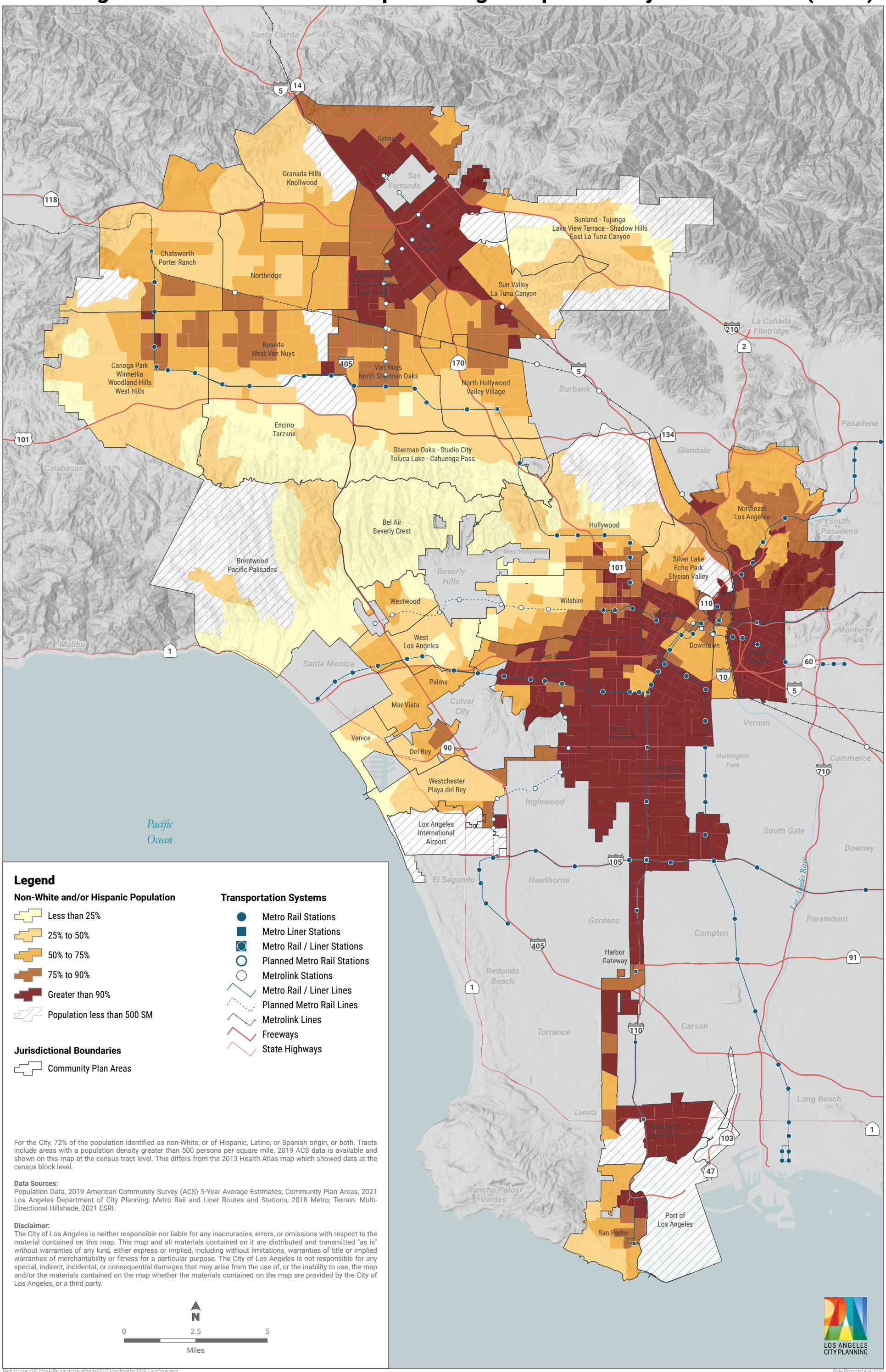
LOS ANGELES CITY PLANNING

Path H:\lmueller\GIS\2021_GIS_Projects\HealthAtlas_Project_2021\HealthAtlas2\HealthAtlas2.aprx

Date Exported 7/8/2021

Map 15

Percentage of Non-White and/or Hispanic Origin Population by Census Tract (2019)



Legend

Non-White and/or Hispanic Population

- Less than 25%
- 25% to 50%
- 50% to 75%
- 75% to 90%
- Greater than 90%
- Population less than 500 SM

Jurisdictional Boundaries

- Community Plan Areas

Transportation Systems

- Metro Rail Stations
- Metro Liner Stations
- Metro Rail / Liner Stations
- Planned Metro Rail Stations
- Metrolink Stations
- Metro Rail / Liner Lines
- Planned Metro Rail Lines
- Metrolink Lines
- Freeways
- State Highways

For the City, 72% of the population identified as non-White, or of Hispanic, Latino, or Spanish origin, or both. Tracts include areas with a population density greater than 500 persons per square mile. 2019 ACS data is available and shown on this map at the census tract level. This differs from the 2013 Health Atlas map which showed data at the census block level.

Data Sources:
Population Data, 2019 American Community Survey (ACS) 5-Year Average Estimates; Community Plan Areas, 2021 Los Angeles Department of City Planning; Metro Rail and Liner Routes and Stations, 2018 Metro; Terrain: Multi-Directional Hillshade, 2021 ESRI.

Disclaimer:
The City of Los Angeles is neither responsible nor liable for any inaccuracies, errors, or omissions with respect to the material contained on this map. This map and all materials contained on it are distributed and transmitted "as is" without warranties of any kind, either express or implied, including without limitations, warranties of title or implied warranties of merchantability or fitness for a particular purpose. The City of Los Angeles is not responsible for any special, indirect, incidental, or consequential damages that may arise from the use of, or the inability to use, the map and/or the materials contained on the map whether the materials contained on the map are provided by the City of Los Angeles, or a third party.

N

0 2.5 5

Miles

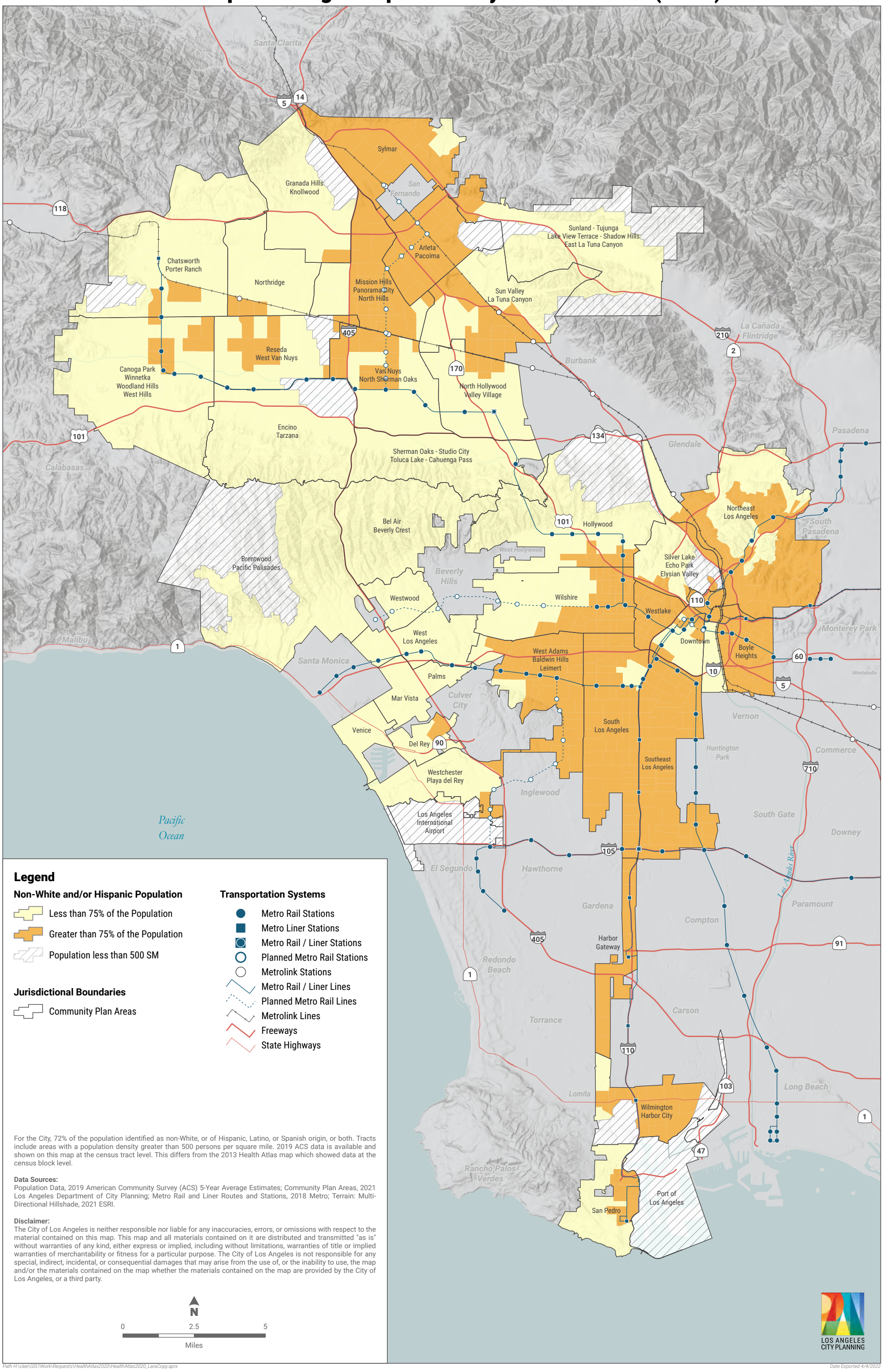
LOS ANGELES CITY PLANNING

Path H:\clee\GIS1Work\Requests\HealthAtlas2020\HealthAtlas2020_LaraCopy.aprx

Date Exported 4/4/2022

Map 16

Non-White and/or Hispanic Origin Population by Census Tract (2019)



Legend

Non-White and/or Hispanic Population

- Less than 75% of the Population
- Greater than 75% of the Population
- Population less than 500 SM

Jurisdictional Boundaries

- Community Plan Areas

Transportation Systems

- Metro Rail Stations
- Metro Liner Stations
- Metro Rail / Liner Stations
- Planned Metro Rail Stations
- Metrolink Stations
- Metro Rail / Liner Lines
- Planned Metro Rail Lines
- Metrolink Lines
- Freeways
- State Highways

For the City, 72% of the population identified as non-White, or of Hispanic, Latino, or Spanish origin, or both. Tracts include areas with a population density greater than 500 persons per square mile. 2019 ACS data is available and shown on this map at the census tract level. This differs from the 2013 Health Atlas map which showed data at the census block level.

Data Sources:
Population Data, 2019 American Community Survey (ACS) 5-Year Average Estimates; Community Plan Areas, 2021 Los Angeles Department of City Planning; Metro Rail and Liner Routes and Stations, 2018 Metro; Terrain: Multi-Directional Hillshade, 2021 ESRI.

Disclaimer:
The City of Los Angeles is neither responsible nor liable for any inaccuracies, errors, or omissions with respect to the material contained on this map. This map and all materials contained on it are distributed and transmitted "as is" without warranties of any kind, either express or implied, including without limitations, warranties of title or implied warranties of merchantability or fitness for a particular purpose. The City of Los Angeles is not responsible for any special, indirect, incidental, or consequential damages that may arise from the use of, or the inability to use, the map and/or the materials contained on the map whether the materials contained on the map are provided by the City of Los Angeles, or a third party.

N

0 2.5 5

Miles

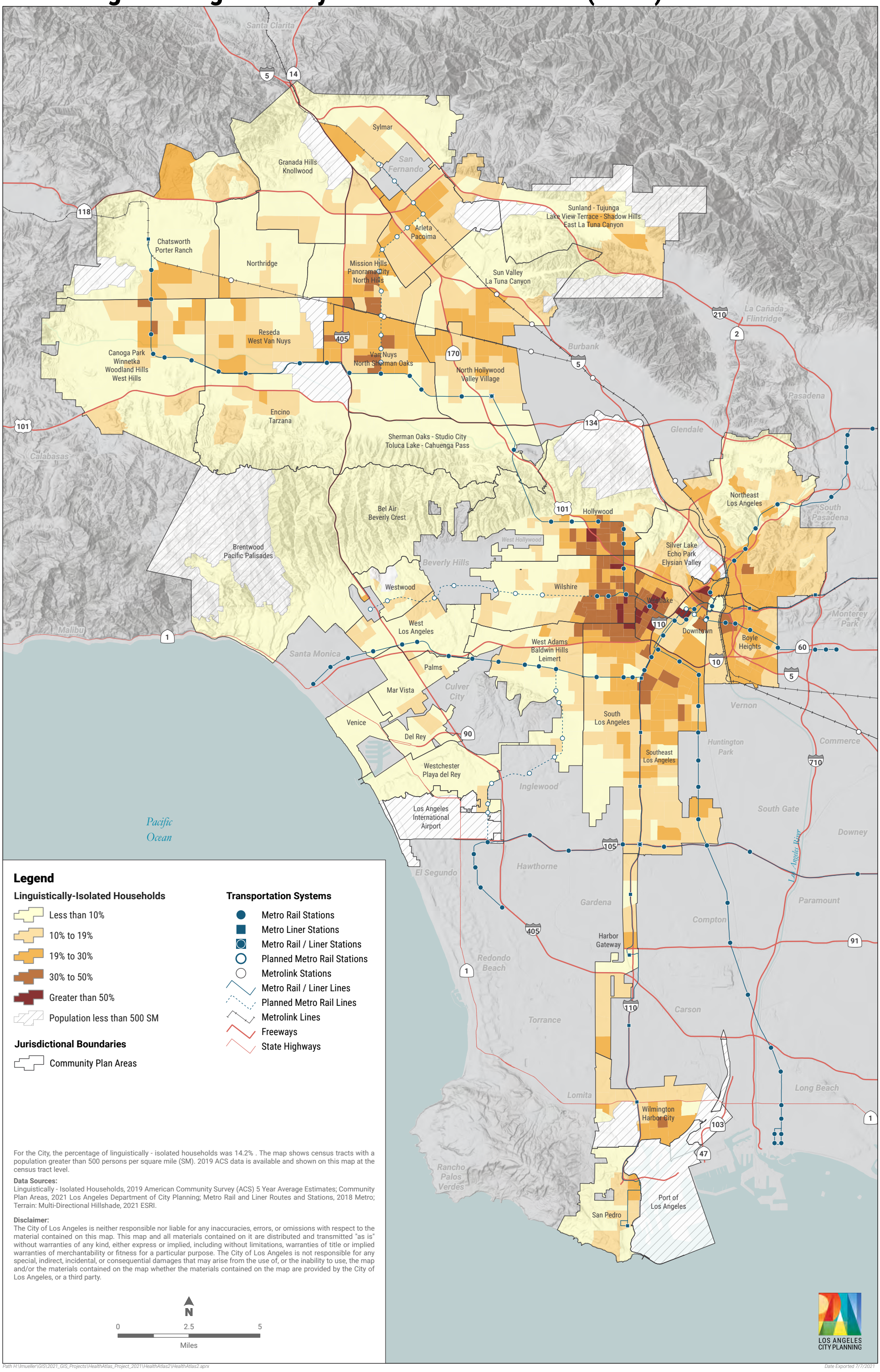
LOS ANGELES CITY PLANNING

Path H:\clee\GIS1Work\Requests\HealthAtlas2020\HealthAtlas2020_LaraCopy.aprx

Date Exported 4/4/2022

Map 17

Percentage of Linguistically-Isolated Households (2019)



Legend

Linguistically-Isolated Households

- Less than 10%
- 10% to 19%
- 19% to 30%
- 30% to 50%
- Greater than 50%
- Population less than 500 SM

Jurisdictional Boundaries

- Community Plan Areas

Transportation Systems

- Metro Rail Stations
- Metro Liner Stations
- Metro Rail / Liner Stations
- Planned Metro Rail Stations
- Metrolink Stations
- Metro Rail / Liner Lines
- Planned Metro Rail Lines
- Metrolink Lines
- Freeways
- State Highways

For the City, the percentage of linguistically - isolated households was 14.2% . The map shows census tracts with a population greater than 500 persons per square mile (SM). 2019 ACS data is available and shown on this map at the census tract level.

Data Sources:
Linguistically - Isolated Households, 2019 American Community Survey (ACS) 5 Year Average Estimates; Community Plan Areas, 2021 Los Angeles Department of City Planning; Metro Rail and Liner Routes and Stations, 2018 Metro; Terrain: Multi-Directional Hillshade, 2021 ESRI.

Disclaimer:
The City of Los Angeles is neither responsible nor liable for any inaccuracies, errors, or omissions with respect to the material contained on this map. This map and all materials contained on it are distributed and transmitted "as is" without warranties of any kind, either express or implied, including without limitations, warranties of title or implied warranties of merchantability or fitness for a particular purpose. The City of Los Angeles is not responsible for any special, indirect, incidental, or consequential damages that may arise from the use of, or the inability to use, the map and/or the materials contained on the map whether the materials contained on the map are provided by the City of Los Angeles, or a third party.

N

0 2.5 5

Miles

LOS ANGELES CITY PLANNING

Path H:\lmueller\GIS\2021_GIS_Projects\HealthAtlas_Project_2021\HealthAtlas2\HealthAtlas2.aprx

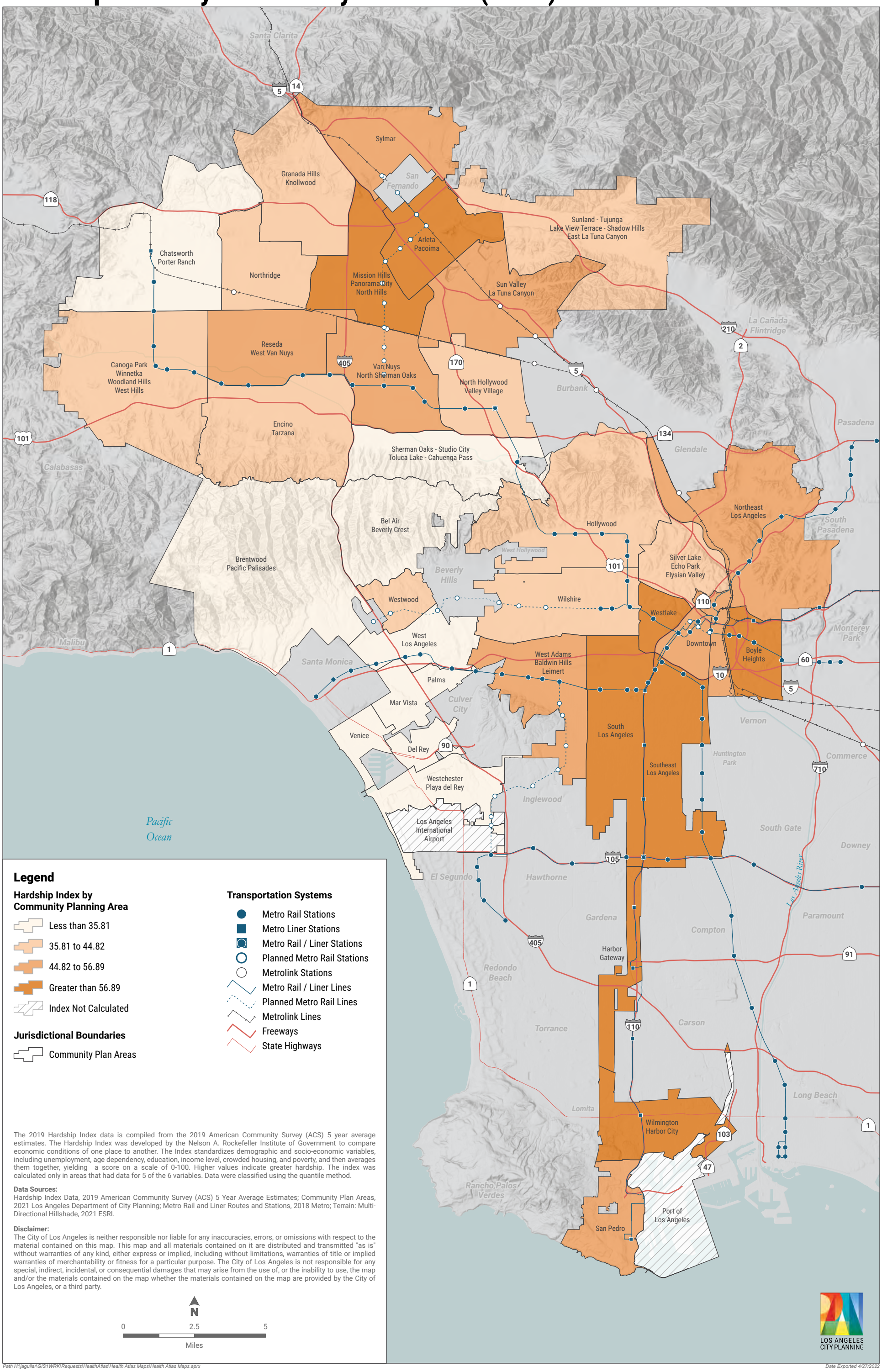
Date Exported 7/7/2021

ECONOMIC CONDITIONS

Chapter 4

Map 18

Hardship Index by Community Plan Area (2019)



Legend

Hardship Index by Community Planning Area

- Less than 35.81
- 35.81 to 44.82
- 44.82 to 56.89
- Greater than 56.89
- Index Not Calculated

Jurisdictional Boundaries

- Community Plan Areas

Transportation Systems

- Metro Rail Stations
- Metro Liner Stations
- Metro Rail / Liner Stations
- Planned Metro Rail Stations
- Metrolink Stations
- Metro Rail / Liner Lines
- Planned Metro Rail Lines
- Metrolink Lines
- Freeways
- State Highways

The 2019 Hardship Index data is compiled from the 2019 American Community Survey (ACS) 5 year average estimates. The Hardship Index was developed by the Nelson A. Rockefeller Institute of Government to compare economic conditions of one place to another. The Index standardizes demographic and socio-economic variables, including unemployment, age dependency, education, income level, crowded housing, and poverty, and then averages them together, yielding a score on a scale of 0-100. Higher values indicate greater hardship. The index was calculated only in areas that had data for 5 of the 6 variables. Data were classified using the quantile method.

Data Sources:
Hardship Index Data, 2019 American Community Survey (ACS) 5 Year Average Estimates; Community Plan Areas, 2021 Los Angeles Department of City Planning; Metro Rail and Liner Routes and Stations, 2018 Metro; Terrain: Multi-Directional Hillshade, 2021 ESRI.

Disclaimer:
The City of Los Angeles is neither responsible nor liable for any inaccuracies, errors, or omissions with respect to the material contained on this map. This map and all materials contained on it are distributed and transmitted "as is" without warranties of any kind, either express or implied, including without limitations, warranties of title or implied warranties of merchantability or fitness for a particular purpose. The City of Los Angeles is not responsible for any special, indirect, incidental, or consequential damages that may arise from the use of, or the inability to use, the map and/or the materials contained on the map whether the materials contained on the map are provided by the City of Los Angeles, or a third party.

N

0 2.5 5

Miles

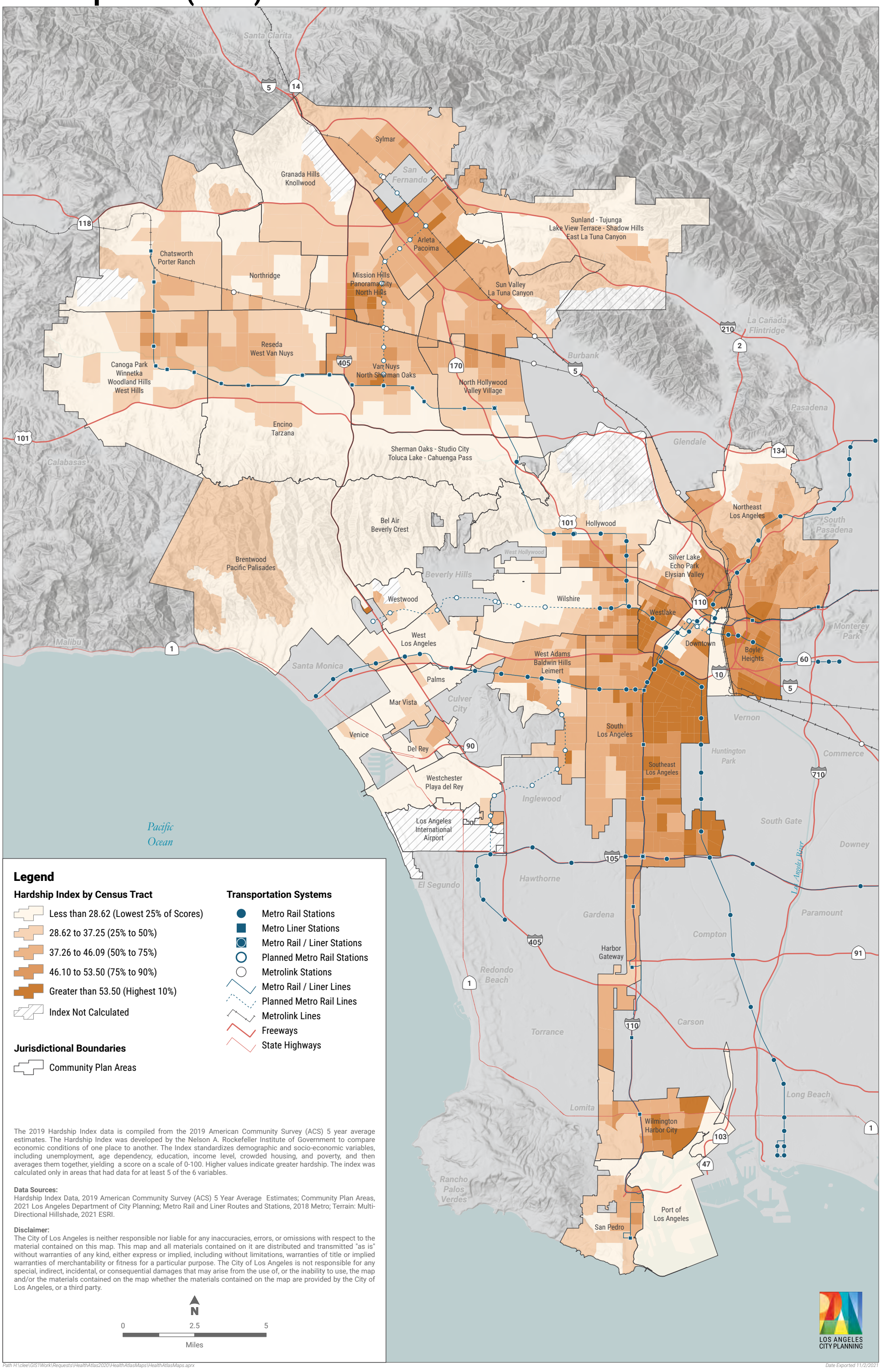
LOS ANGELES CITY PLANNING

Path H:\jaguilar\GIS1WRK\Requests\HealthAtlas\Health Atlas Maps\Health Atlas Maps.aprx

Date Exported 4/27/2022

Map 19

Hardship Index (2019)



Legend

Hardship Index by Census Tract

- Less than 28.62 (Lowest 25% of Scores)
- 28.62 to 37.25 (25% to 50%)
- 37.26 to 46.09 (50% to 75%)
- 46.10 to 53.50 (75% to 90%)
- Greater than 53.50 (Highest 10%)
- Index Not Calculated

Transportation Systems

- Metro Rail Stations
- Metro Liner Stations
- Metro Rail / Liner Stations
- Planned Metro Rail Stations
- Metrolink Stations
- Metro Rail / Liner Lines
- Planned Metro Rail Lines
- Metrolink Lines
- Freeways
- State Highways

Jurisdictional Boundaries

- Community Plan Areas

The 2019 Hardship Index data is compiled from the 2019 American Community Survey (ACS) 5 year average estimates. The Hardship Index was developed by the Nelson A. Rockefeller Institute of Government to compare economic conditions of one place to another. The Index standardizes demographic and socio-economic variables, including unemployment, age dependency, education, income level, crowded housing, and poverty, and then averages them together, yielding a score on a scale of 0-100. Higher values indicate greater hardship. The index was calculated only in areas that had data for at least 5 of the 6 variables.

Data Sources:
Hardship Index Data, 2019 American Community Survey (ACS) 5 Year Average Estimates; Community Plan Areas, 2021 Los Angeles Department of City Planning; Metro Rail and Liner Routes and Stations, 2018 Metro; Terrain: Multi-Directional Hillshade, 2021 ESRI.

Disclaimer:
The City of Los Angeles is neither responsible nor liable for any inaccuracies, errors, or omissions with respect to the material contained on this map. This map and all materials contained on it are distributed and transmitted "as is" without warranties of any kind, either express or implied, including without limitations, warranties of title or implied warranties of merchantability or fitness for a particular purpose. The City of Los Angeles is not responsible for any special, indirect, incidental, or consequential damages that may arise from the use of, or the inability to use, the map and/or the materials contained on the map whether the materials contained on the map are provided by the City of Los Angeles, or a third party.

N

0 2.5 5

Miles

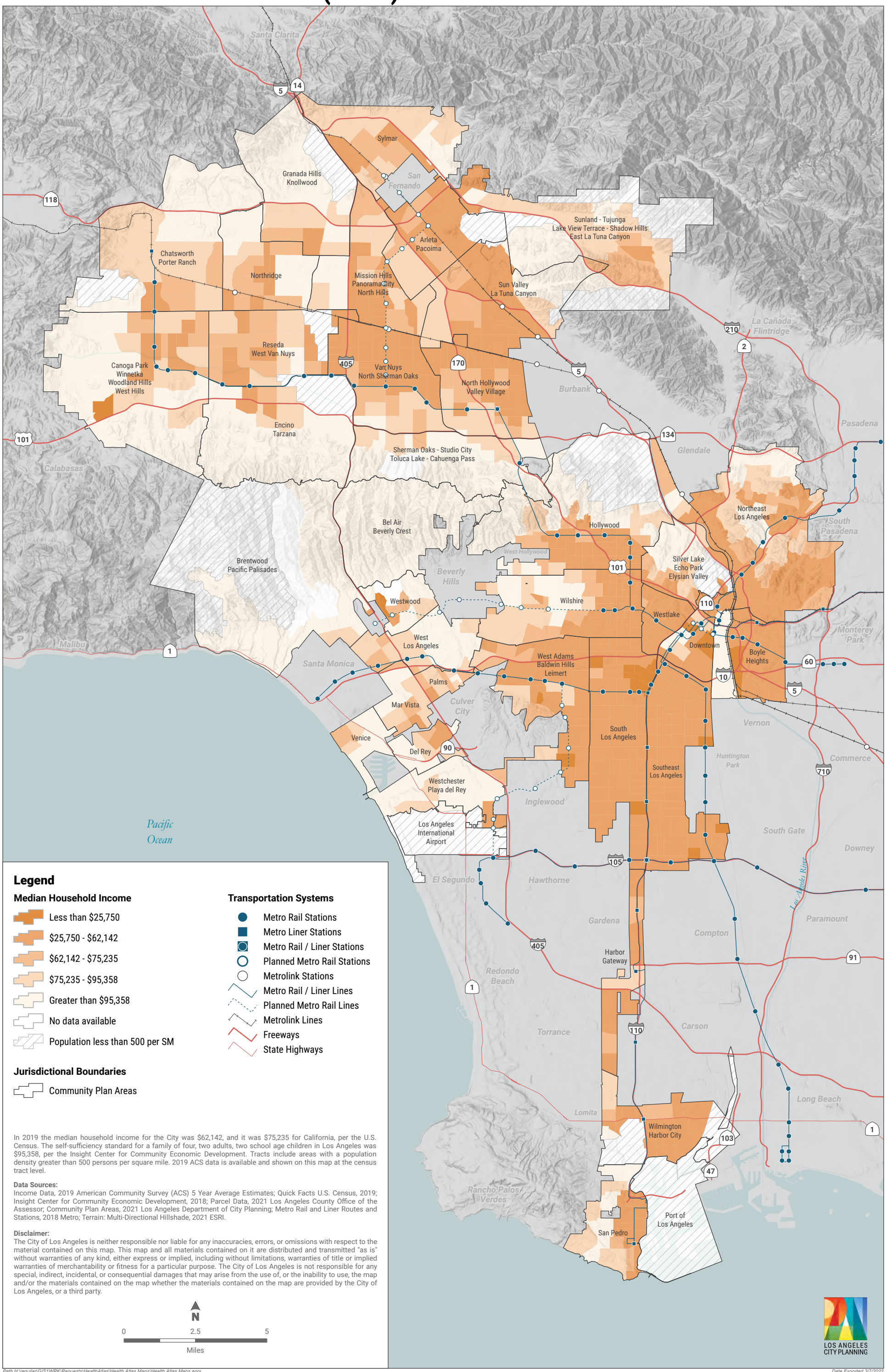
LOS ANGELES CITY PLANNING

Path H:\clee\GIS1Work\Requests\HealthAtlas2020\HealthAtlasMaps\HealthAtlasMaps.aprx

Date Exported 11/2/2021

Map 20

Median Household Income (2019)



Legend

Median Household Income

- Less than $25,750
- $25,750 - $62,142
- $62,142 - $75,235
- $75,235 - $95,358
- Greater than $95,358
- No data available
- Population less than 500 per SM

Transportation Systems

- Metro Rail Stations
- Metro Liner Stations
- Metro Rail / Liner Stations
- Planned Metro Rail Stations
- Metrolink Stations
- Metro Rail / Liner Lines
- Planned Metro Rail Lines
- Metrolink Lines
- Freeways
- State Highways

Jurisdictional Boundaries

- Community Plan Areas

In 2019 the median household income for the City was $62,142, and it was $75,235 for California, per the U.S. Census. The self-sufficiency standard for a family of four, two adults, two school age children in Los Angeles was $95,358, per the Insight Center for Community Economic Development. Tracts include areas with a population density greater than 500 persons per square mile. 2019 ACS data is available and shown on this map at the census tract level.

Data Sources:
Income Data, 2019 American Community Survey (ACS) 5 Year Average Estimates; Quick Facts U.S. Census, 2019; Insight Center for Community Economic Development, 2018; Parcel Data, 2021 Los Angeles County Office of the Assessor; Community Plan Areas, 2021 Los Angeles Department of City Planning; Metro Rail and Liner Routes and Stations, 2018 Metro; Terrain: Multi-Directional Hillshade, 2021 ESRI.

Disclaimer:
The City of Los Angeles is neither responsible nor liable for any inaccuracies, errors, or omissions with respect to the material contained on this map. This map and all materials contained on it are distributed and transmitted "as is" without warranties of any kind, either express or implied, including without limitations, warranties of title or implied warranties of merchantability or fitness for a particular purpose. The City of Los Angeles is not responsible for any special, indirect, incidental, or consequential damages that may arise from the use of, or the inability to use, the map and/or the materials contained on the map whether the materials contained on the map are provided by the City of Los Angeles, or a third party.

N

0 2.5 5

Miles

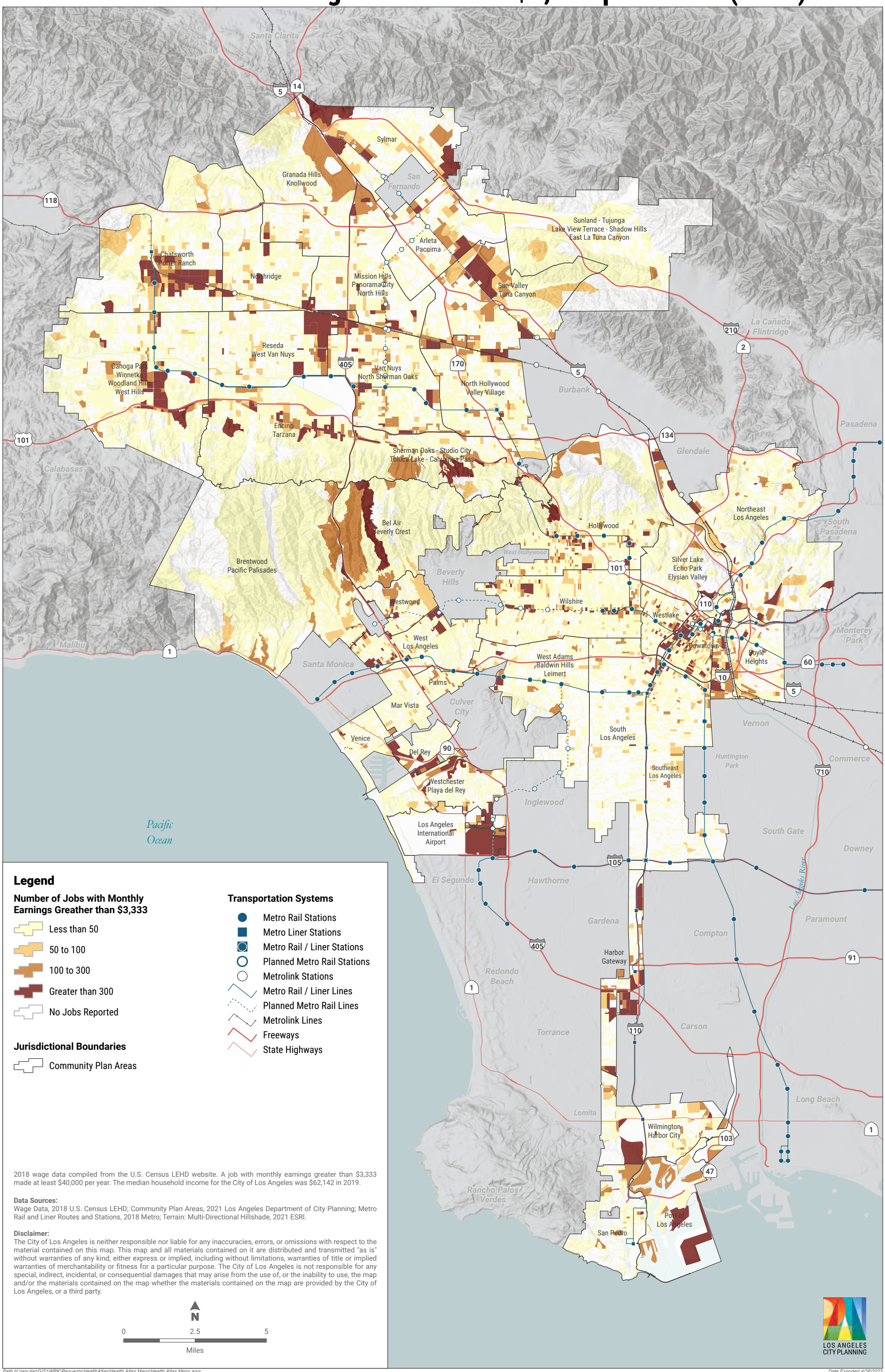
LOS ANGELES CITY PLANNING

Path H:\jaguilar\GIS1WRK\Requests\HealthAtlas\Health Atlas Maps\Health Atlas Maps.aprx

Date Exported 3/7/2022

Map 21

Number of Jobs with Earnings Greater than $3,333 per Month (2018)



Legend

Number of Jobs with Monthly Earnings Greather than $3,333

- Less than 50
- 50 to 100
- 100 to 300
- Greater than 300
- No Jobs Reported

Transportation Systems

- Metro Rail Stations
- Metro Liner Stations
- Metro Rail / Liner Stations
- Planned Metro Rail Stations
- Metrolink Stations
- Metro Rail / Liner Lines
- Planned Metro Rail Lines
- Metrolink Lines
- Freeways
- State Highways

Jurisdictional Boundaries

- Community Plan Areas

2018 wage data compiled from the U.S. Census LEHD website. A job with monthly earnings greater than $3,333 made at least $40,000 per year. The median household income for the City of Los Angeles was $62,142 in 2019.

Data Sources:
Wage Data, 2018 U.S. Census LEHD; Community Plan Areas, 2021 Los Angeles Department of City Planning; Metro Rail and Liner Routes and Stations, 2018 Metro; Terrain: Multi-Directional Hillshade, 2021 ESRI.

Disclaimer:
The City of Los Angeles is neither responsible nor liable for any inaccuracies, errors, or omissions with respect to the material contained on this map. This map and all materials contained on it are distributed and transmitted "as is" without warranties of any kind, either express or implied, including without limitations, warranties of title or implied warranties of merchantability or fitness for a particular purpose. The City of Los Angeles is not responsible for any special, indirect, incidental, or consequential damages that may arise from the use of, or the inability to use, the map and/or the materials contained on the map whether the materials contained on the map are provided by the City of Los Angeles, or a third party.

N

0 2.5 5

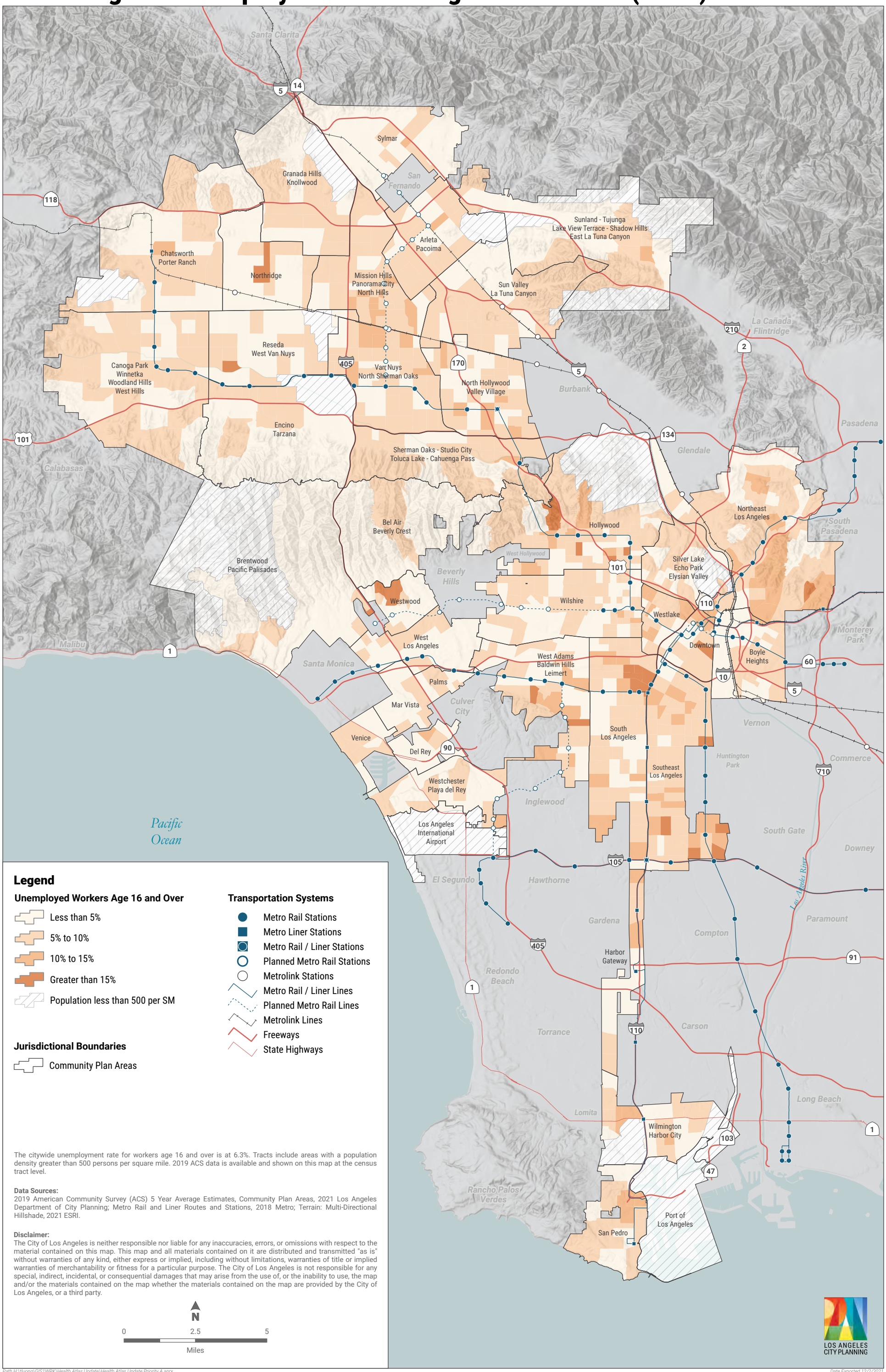
Miles

Path H:\jaguilar\GIS1WRK\Requests\HealthAtlas\Health Atlas Maps\Health Atlas Maps.aprx

Date Exported 4/26/2022

Map 22

Percentage of Unemployed Workers Age 16 and Over (2019)



Legend

Unemployed Workers Age 16 and Over

- Less than 5%
- 5% to 10%
- 10% to 15%
- Greater than 15%
- Population less than 500 per SM

Transportation Systems

- Metro Rail Stations
- Metro Liner Stations
- Metro Rail / Liner Stations
- Planned Metro Rail Stations
- Metrolink Stations
- Metro Rail / Liner Lines
- Planned Metro Rail Lines
- Metrolink Lines
- Freeways
- State Highways

Jurisdictional Boundaries

- Community Plan Areas

The citywide unemployment rate for workers age 16 and over is at 6.3%. Tracts include areas with a population density greater than 500 persons per square mile. 2019 ACS data is available and shown on this map at the census tract level.

Data Sources:
2019 American Community Survey (ACS) 5 Year Average Estimates, Community Plan Areas, 2021 Los Angeles Department of City Planning; Metro Rail and Liner Routes and Stations, 2018 Metro; Terrain: Multi-Directional Hillshade, 2021 ESRI.

Disclaimer:
The City of Los Angeles is neither responsible nor liable for any inaccuracies, errors, or omissions with respect to the material contained on this map. This map and all materials contained on it are distributed and transmitted "as is" without warranties of any kind, either express or implied, including without limitations, warranties of title or implied warranties of merchantability or fitness for a particular purpose. The City of Los Angeles is not responsible for any special, indirect, incidental, or consequential damages that may arise from the use of, or the inability to use, the map and/or the materials contained on the map whether the materials contained on the map are provided by the City of Los Angeles, or a third party.

N

0 2.5 5

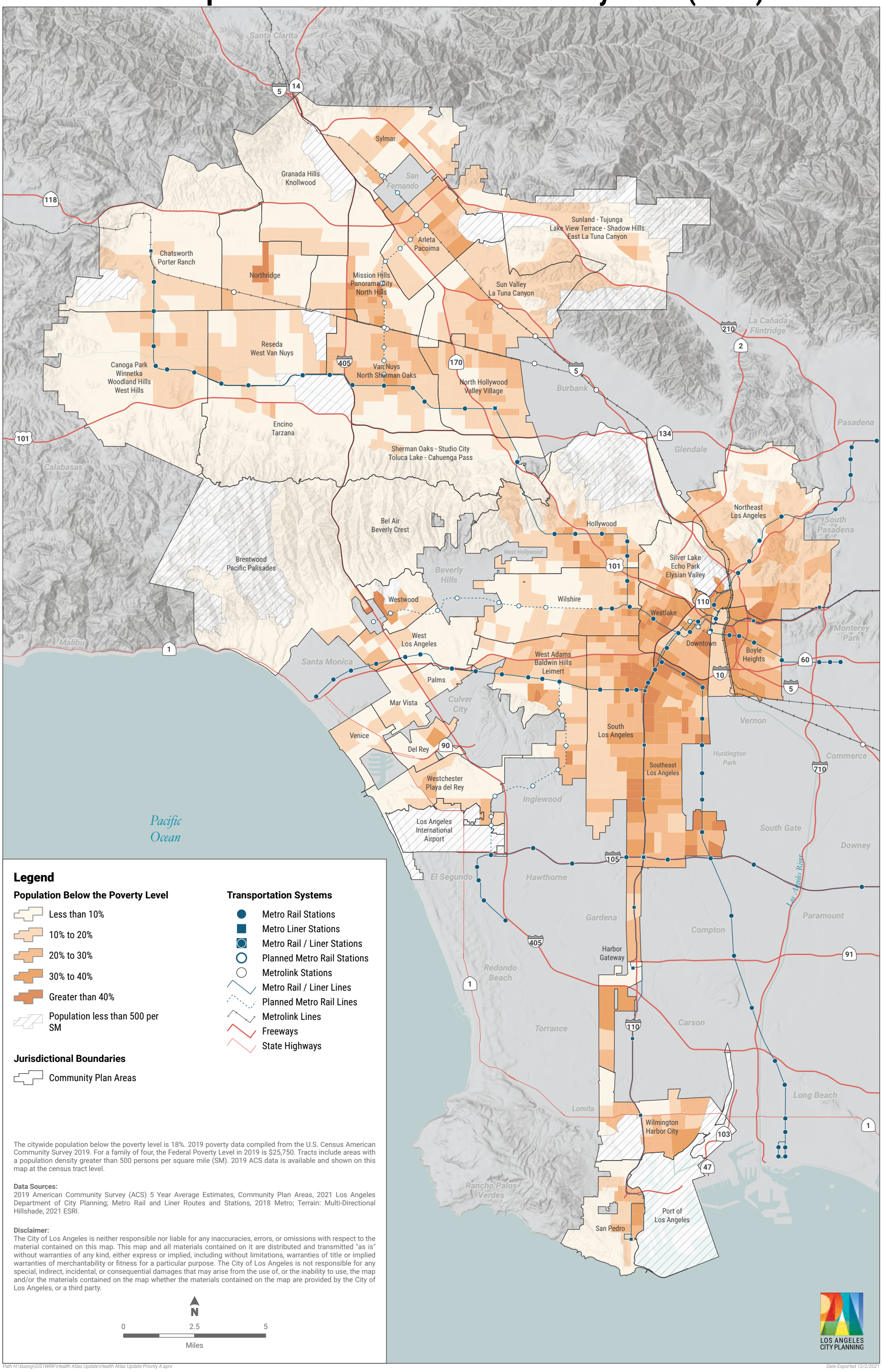
Miles

Path H:\tluong\GIS1WRK\Health Atlas Update\Health Atlas Update Priority A.aprx

Date Exported 12/2/2021

Map 23

Percent of the Population below the Federal Poverty Level (2019)



Legend

Population Below the Poverty Level

- Less than 10%
- 10% to 20%
- 20% to 30%
- 30% to 40%
- Greater than 40%
- Population less than 500 per SM

Transportation Systems

- Metro Rail Stations
- Metro Liner Stations
- Metro Rail / Liner Stations
- Planned Metro Rail Stations
- Metrolink Stations
- Metro Rail / Liner Lines
- Planned Metro Rail Lines
- Metrolink Lines
- Freeways
- State Highways

Jurisdictional Boundaries

- Community Plan Areas

The citywide population below the poverty level is 18%. 2019 poverty data compiled from the U.S. Census American Community Survey 2019. For a family of four, the Federal Poverty Level in 2019 is $25,750. Tracts include areas with a population density greater than 500 persons per square mile (SM). 2019 ACS data is available and shown on this map at the census tract level.

Data Sources:
2019 American Community Survey (ACS) 5 Year Average Estimates, Community Plan Areas, 2021 Los Angeles Department of City Planning; Metro Rail and Liner Routes and Stations, 2018 Metro; Terrain: Multi-Directional Hillshade, 2021 ESRI.

Disclaimer:
The City of Los Angeles is neither responsible nor liable for any inaccuracies, errors, or omissions with respect to the material contained on this map. This map and all materials contained on it are distributed and transmitted "as is" without warranties of any kind, either express or implied, including without limitations, warranties of title or implied warranties of merchantability or fitness for a particular purpose. The City of Los Angeles is not responsible for any special, indirect, incidental, or consequential damages that may arise from the use of, or the inability to use, the map and/or the materials contained on the map whether the materials contained on the map are provided by the City of Los Angeles, or a third party.

N

0 2.5 5

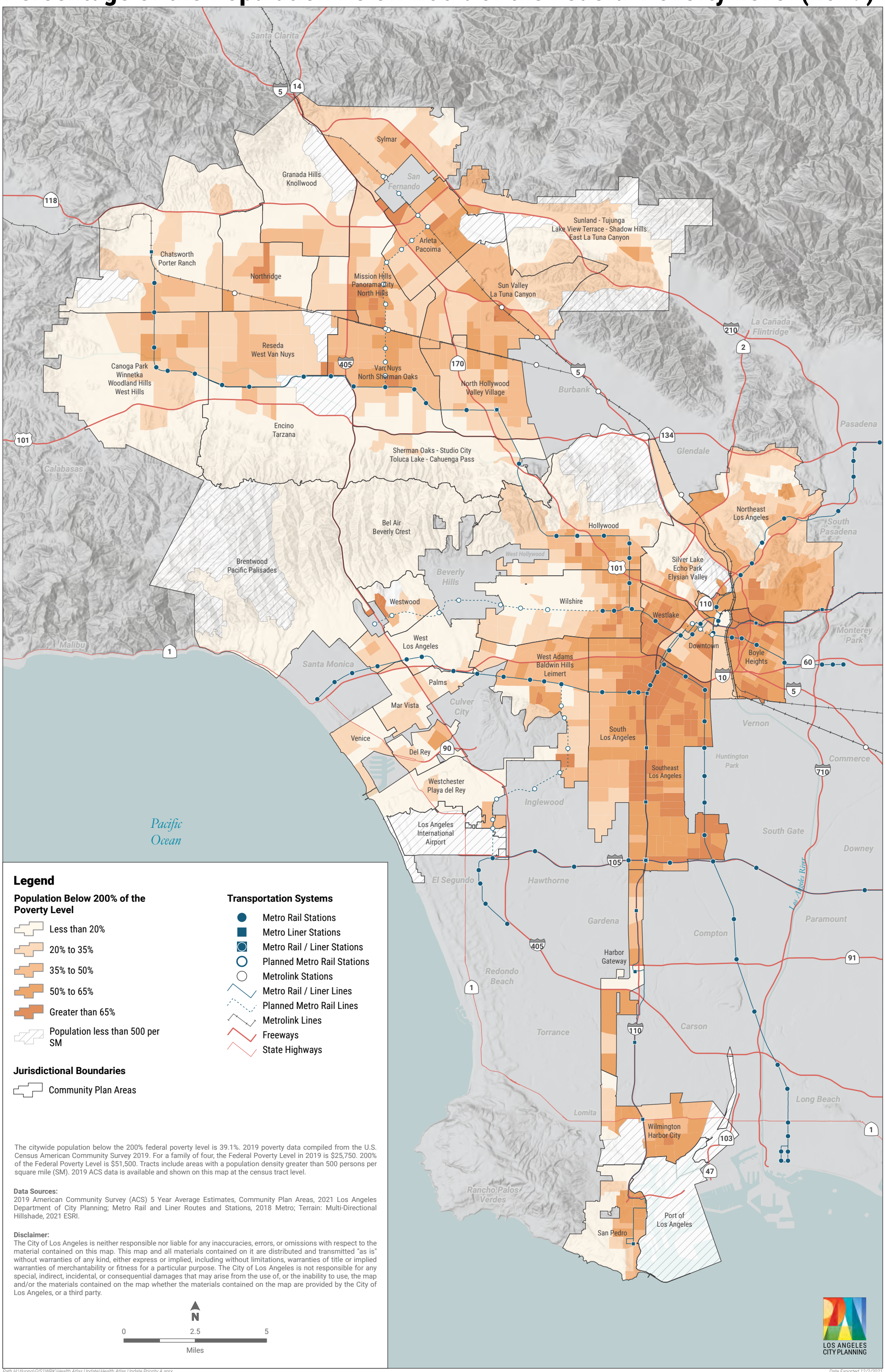
Miles

Path H:\tluong\GIS1WRK\Health Atlas Update\Health Atlas Update Priority A.aprx

Date Exported 12/2/2021

Map 24

Percentage of the Population Below 200% of the Federal Poverty Level (2019)



Legend

Population Below 200% of the Poverty Level

- Less than 20%
- 20% to 35%
- 35% to 50%
- 50% to 65%
- Greater than 65%
- Population less than 500 per SM

Transportation Systems

- Metro Rail Stations
- Metro Liner Stations
- Metro Rail / Liner Stations
- Planned Metro Rail Stations
- Metrolink Stations
- Metro Rail / Liner Lines
- Planned Metro Rail Lines
- Metrolink Lines
- Freeways
- State Highways

Jurisdictional Boundaries

- Community Plan Areas

The citywide population below the 200% federal poverty level is 39.1%. 2019 poverty data compiled from the U.S. Census American Community Survey 2019. For a family of four, the Federal Poverty Level in 2019 is $25,750. 200% of the Federal Poverty Level is $51,500. Tracts include areas with a population density greater than 500 persons per square mile (SM). 2019 ACS data is available and shown on this map at the census tract level.

Data Sources:
2019 American Community Survey (ACS) 5 Year Average Estimates, Community Plan Areas, 2021 Los Angeles Department of City Planning; Metro Rail and Liner Routes and Stations, 2018 Metro; Terrain: Multi-Directional Hillshade, 2021 ESRI.

Disclaimer:
The City of Los Angeles is neither responsible nor liable for any inaccuracies, errors, or omissions with respect to the material contained on this map. This map and all materials contained on it are distributed and transmitted "as is" without warranties of any kind, either express or implied, including without limitations, warranties of title or implied warranties of merchantability or fitness for a particular purpose. The City of Los Angeles is not responsible for any special, indirect, incidental, or consequential damages that may arise from the use of, or the inability to use, the map and/or the materials contained on the map whether the materials contained on the map are provided by the City of Los Angeles, or a third party.

N

0 2.5 5

Miles

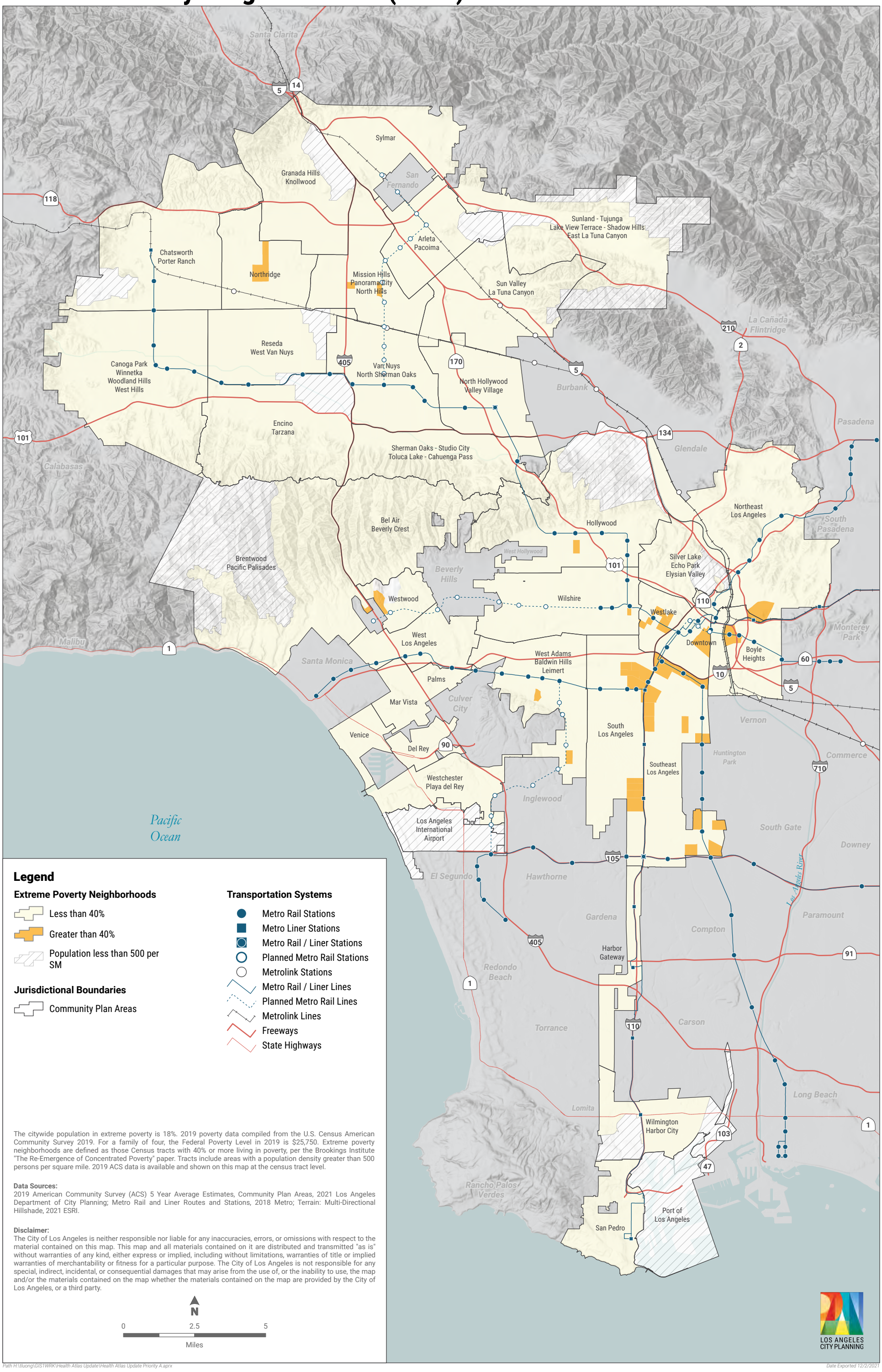
LOS ANGELES CITY PLANNING

Path H:\tluong\GIS\TWRK\Health Atlas Update\Health Atlas Update Priority A.aprx

Date Exported 12/2/2021

Map 25

Extreme Poverty Neighborhoods (2019)



Legend

Extreme Poverty Neighborhoods

- Less than 40%
- Greater than 40%
- Population less than 500 per SM

Jurisdictional Boundaries

- Community Plan Areas

Transportation Systems

- Metro Rail Stations
- Metro Liner Stations
- Metro Rail / Liner Stations
- Planned Metro Rail Stations
- Metrolink Stations
- Metro Rail / Liner Lines
- Planned Metro Rail Lines
- Metrolink Lines
- Freeways
- State Highways

The citywide population in extreme poverty is 18%. 2019 poverty data compiled from the U.S. Census American Community Survey 2019. For a family of four, the Federal Poverty Level in 2019 is $25,750. Extreme poverty neighborhoods are defined as those Census tracts with 40% or more living in poverty, per the Brookings Institute "The Re-Emergence of Concentrated Poverty" paper. Tracts include areas with a population density greater than 500 persons per square mile. 2019 ACS data is available and shown on this map at the census tract level.

Data Sources:
2019 American Community Survey (ACS) 5 Year Average Estimates, Community Plan Areas, 2021 Los Angeles Department of City Planning; Metro Rail and Liner Routes and Stations, 2018 Metro; Terrain: Multi-Directional Hillshade, 2021 ESRI.

Disclaimer:
The City of Los Angeles is neither responsible nor liable for any inaccuracies, errors, or omissions with respect to the material contained on this map. This map and all materials contained on it are distributed and transmitted "as is" without warranties of any kind, either express or implied, including without limitations, warranties of title or implied warranties of merchantability or fitness for a particular purpose. The City of Los Angeles is not responsible for any special, indirect, incidental, or consequential damages that may arise from the use of, or the inability to use, the map and/or the materials contained on the map whether the materials contained on the map are provided by the City of Los Angeles, or a third party.

N

0 2.5 5

Miles

LOS ANGELES CITY PLANNING

Path H:\tluong\GIS1WRK\Health Atlas Update\Health Atlas Update Priority A.aprx

Date Exported 12/2/2021

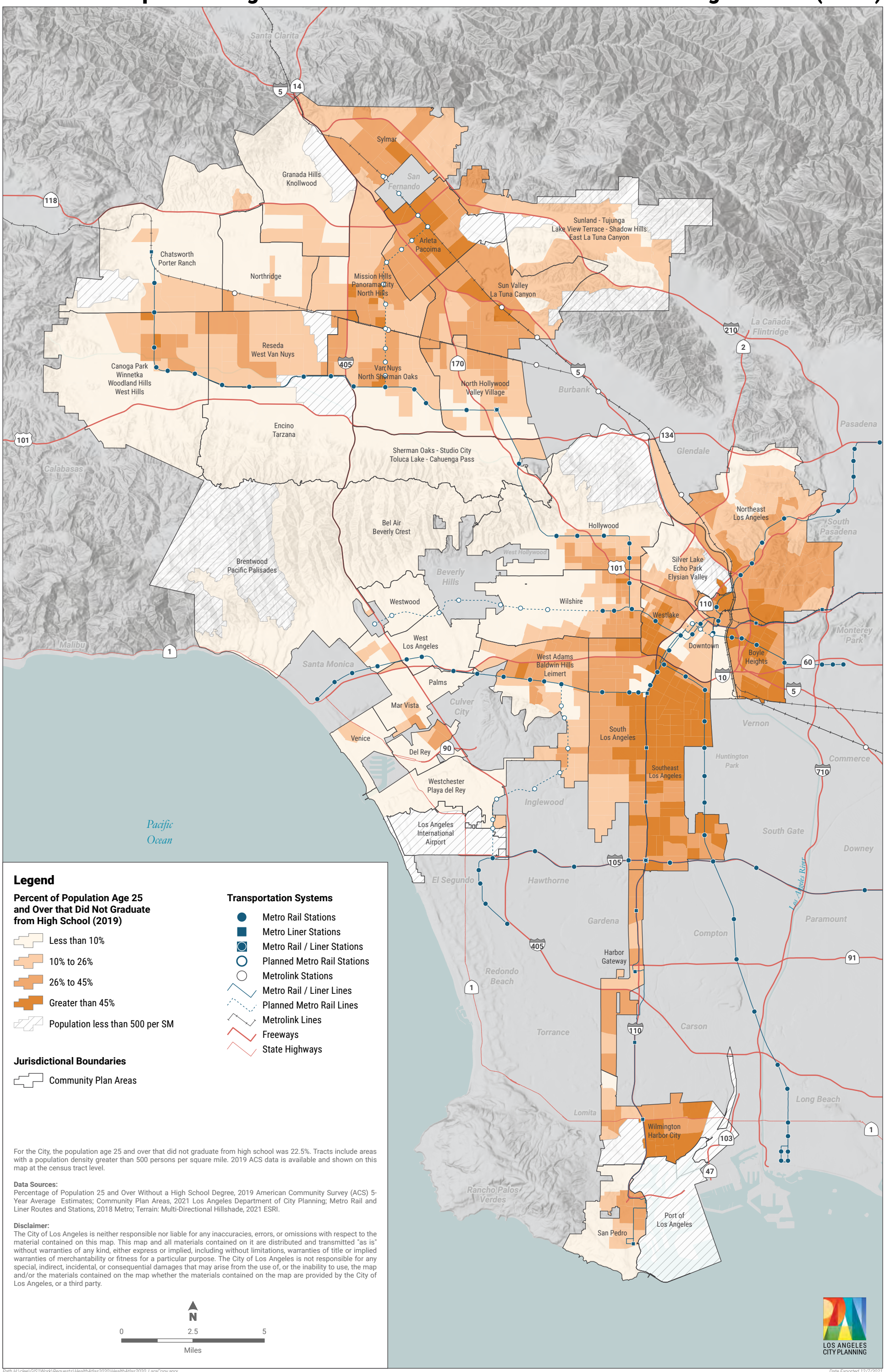
THIS PAGE IS INTENTIONALLY LEFT BLANK

EDUCATION

Chapter 5

Map 26

Percent of Population Age 25 and Over that Did Not Graduate from High School (2019)



Legend

Percent of Population Age 25 and Over that Did Not Graduate from High School (2019)

- Less than 10%
- 10% to 26%
- 26% to 45%
- Greater than 45%
- Population less than 500 per SM

Transportation Systems

- Metro Rail Stations
- Metro Liner Stations
- Metro Rail / Liner Stations
- Planned Metro Rail Stations
- Metrolink Stations
- Metro Rail / Liner Lines
- Planned Metro Rail Lines
- Metrolink Lines
- Freeways
- State Highways

Jurisdictional Boundaries

- Community Plan Areas

For the City, the population age 25 and over that did not graduate from high school was 22.5%. Tracts include areas with a population density greater than 500 persons per square mile. 2019 ACS data is available and shown on this map at the census tract level.

Data Sources:
Percentage of Population 25 and Over Without a High School Degree, 2019 American Community Survey (ACS) 5-Year Average Estimates; Community Plan Areas, 2021 Los Angeles Department of City Planning; Metro Rail and Liner Routes and Stations, 2018 Metro; Terrain: Multi-Directional Hillshade, 2021 ESRI.

Disclaimer:
The City of Los Angeles is neither responsible nor liable for any inaccuracies, errors, or omissions with respect to the material contained on this map. This map and all materials contained on it are distributed and transmitted "as is" without warranties of any kind, either express or implied, including without limitations, warranties of title or implied warranties of merchantability or fitness for a particular purpose. The City of Los Angeles is not responsible for any special, indirect, incidental, or consequential damages that may arise from the use of, or the inability to use, the map and/or the materials contained on the map whether the materials contained on the map are provided by the City of Los Angeles, or a third party.

N

0 2.5 5

Miles

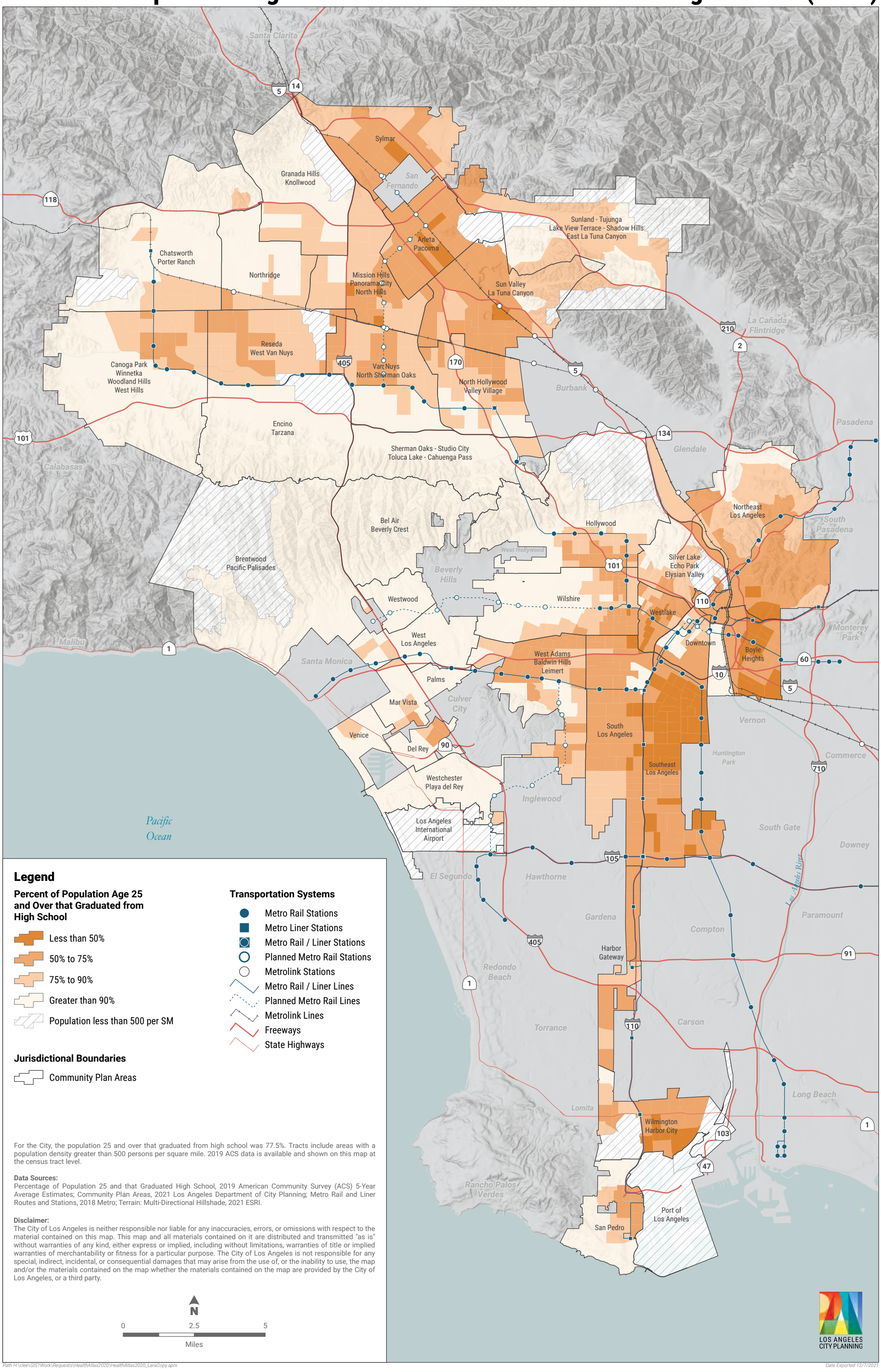
LOS ANGELES CITY PLANNING

Path H:\clee\GIS1Work\Requests\HealthAtlas2020\HealthAtlas2020_LaraCopy.aprx

Date Exported 12/7/2021

Map 27

Percent of Population Age 25 and Over that Graduated from High School (2019)



Legend

Percent of Population Age 25 and Over that Graduated from High School

- Less than 50%
- 50% to 75%
- 75% to 90%
- Greater than 90%
- Population less than 500 per SM

Transportation Systems

- Metro Rail Stations
- Metro Liner Stations
- Metro Rail / Liner Stations
- Planned Metro Rail Stations
- Metrolink Stations
- Metro Rail / Liner Lines
- Planned Metro Rail Lines
- Metrolink Lines
- Freeways
- State Highways

Jurisdictional Boundaries

- Community Plan Areas

For the City, the population 25 and over that graduated from high school was 77.5%. Tracts include areas with a population density greater than 500 persons per square mile. 2019 ACS data is available and shown on this map at the census tract level.

Data Sources:
Percentage of Population 25 and that Graduated High School, 2019 American Community Survey (ACS) 5-Year Average Estimates; Community Plan Areas, 2021 Los Angeles Department of City Planning; Metro Rail and Liner Routes and Stations, 2018 Metro; Terrain: Multi-Directional Hillshade, 2021 ESRI.

Disclaimer:
The City of Los Angeles is neither responsible nor liable for any inaccuracies, errors, or omissions with respect to the material contained on this map. This map and all materials contained on it are distributed and transmitted "as is" without warranties of any kind, either express or implied, including without limitations, warranties of title or implied warranties of merchantability or fitness for a particular purpose. The City of Los Angeles is not responsible for any special, indirect, incidental, or consequential damages that may arise from the use of, or the inability to use, the map and/or the materials contained on the map whether the materials contained on the map are provided by the City of Los Angeles, or a third party.

N

0 2.5 5

Miles

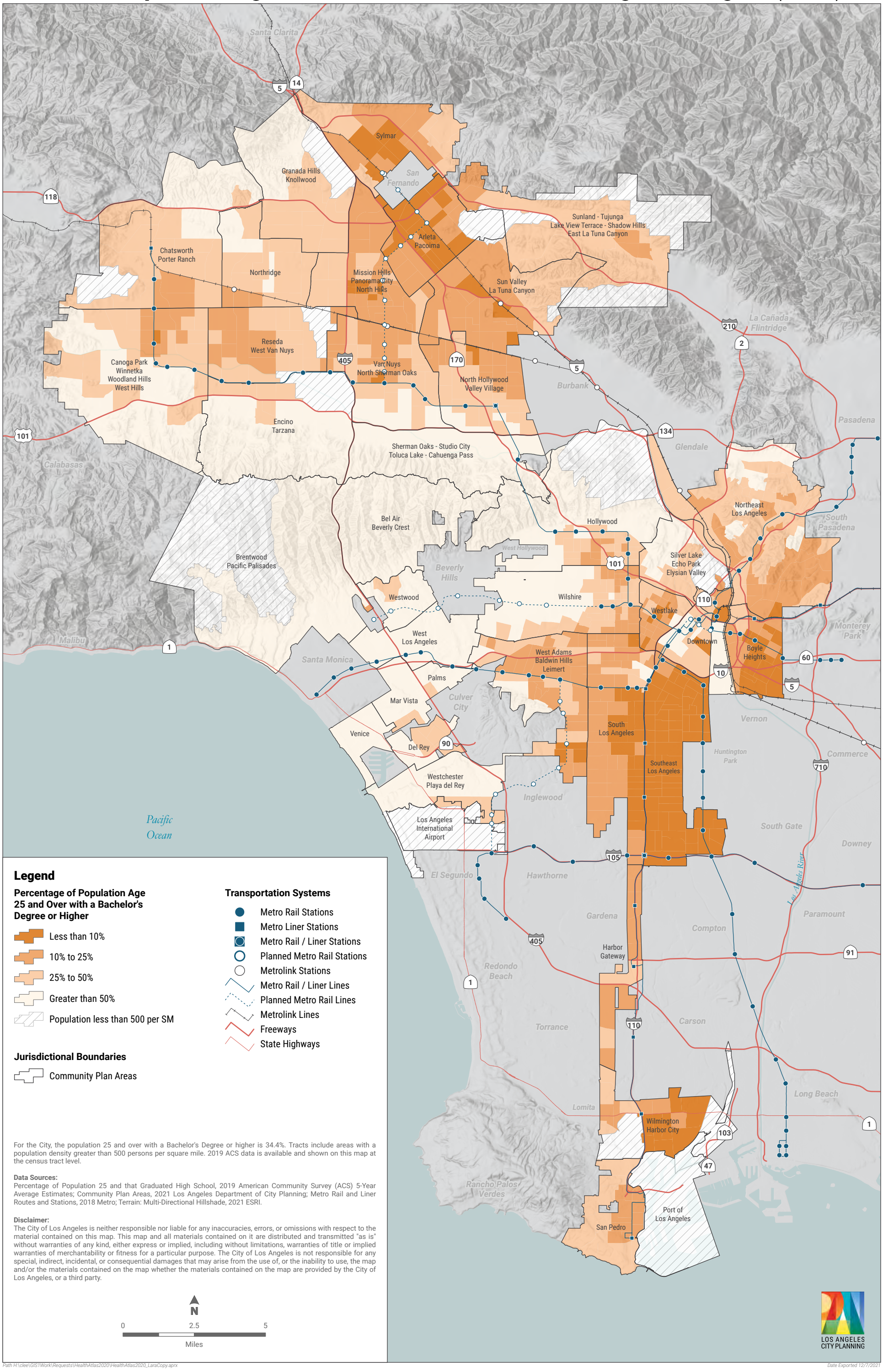
LOS ANGELES CITY PLANNING

Path H:\clee\GIS1Work\Requests\HealthAtlas2020\HealthAtlas2020_LaraCopy.aprx

Date Exported 12/7/2021

Map 28

Percent of Population Age 25 and Over with a Bachelor's Degree or Higher (2019)



Legend

Percentage of Population Age 25 and Over with a Bachelor's Degree or Higher

- Less than 10%
- 10% to 25%
- 25% to 50%
- Greater than 50%
- Population less than 500 per SM

Transportation Systems

- Metro Rail Stations
- Metro Liner Stations
- Metro Rail / Liner Stations
- Planned Metro Rail Stations
- Metrolink Stations
- Metro Rail / Liner Lines
- Planned Metro Rail Lines
- Metrolink Lines
- Freeways
- State Highways

Jurisdictional Boundaries

- Community Plan Areas

For the City, the population 25 and over with a Bachelor's Degree or higher is 34.4%. Tracts include areas with a population density greater than 500 persons per square mile. 2019 ACS data is available and shown on this map at the census tract level.

Data Sources:
Percentage of Population 25 and that Graduated High School, 2019 American Community Survey (ACS) 5-Year Average Estimates; Community Plan Areas, 2021 Los Angeles Department of City Planning; Metro Rail and Liner Routes and Stations, 2018 Metro; Terrain: Multi-Directional Hillshade, 2021 ESRI.

Disclaimer:
The City of Los Angeles is neither responsible nor liable for any inaccuracies, errors, or omissions with respect to the material contained on this map. This map and all materials contained on it are distributed and transmitted "as is" without warranties of any kind, either express or implied, including without limitations, warranties of title or implied warranties of merchantability or fitness for a particular purpose. The City of Los Angeles is not responsible for any special, indirect, incidental, or consequential damages that may arise from the use of, or the inability to use, the map and/or the materials contained on the map whether the materials contained on the map are provided by the City of Los Angeles, or a third party.

N

0 2.5 5

Miles

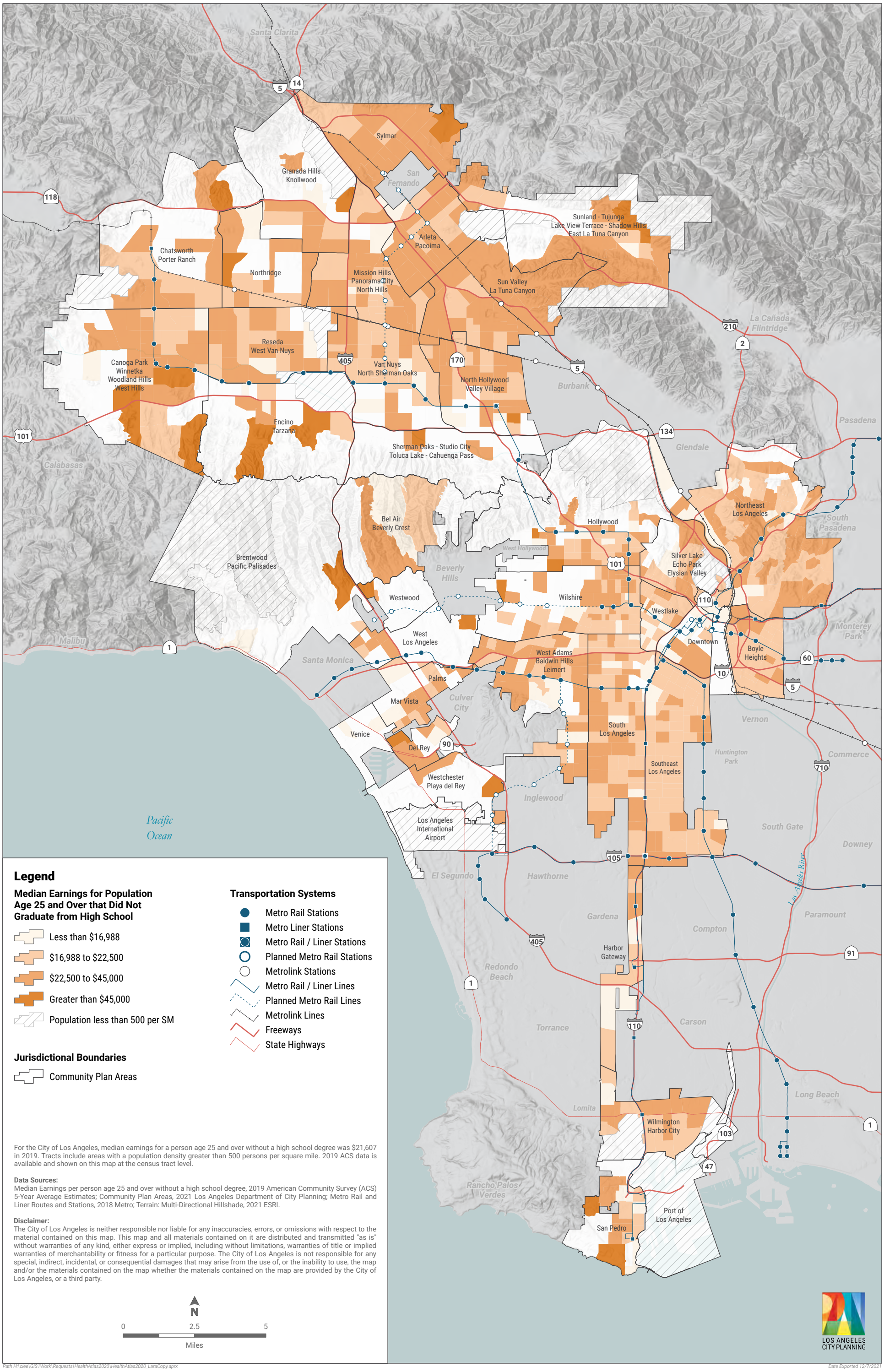
LOS ANGELES CITY PLANNING

Path H:\clee\GIS1Work\Requests\HealthAtlas2020\HealthAtlas2020_LaraCopy.aprx

Date Exported 12/7/2021

Map 29

Median Earnings for the Population Age 25 and Over that Did Not Graduate from High School (2019)



Legend

Median Earnings for Population Age 25 and Over that Did Not Graduate from High School

- Less than $16,988
- $16,988 to $22,500
- $22,500 to $45,000
- Greater than $45,000
- Population less than 500 per SM

Transportation Systems

- Metro Rail Stations
- Metro Liner Stations
- Metro Rail / Liner Stations
- Planned Metro Rail Stations
- Metrolink Stations
- Metro Rail / Liner Lines
- Planned Metro Rail Lines
- Metrolink Lines
- Freeways
- State Highways

Jurisdictional Boundaries

- Community Plan Areas

For the City of Los Angeles, median earnings for a person age 25 and over without a high school degree was $21,607 in 2019. Tracts include areas with a population density greater than 500 persons per square mile. 2019 ACS data is available and shown on this map at the census tract level.

Data Sources:
Median Earnings per person age 25 and over without a high school degree, 2019 American Community Survey (ACS) 5-Year Average Estimates; Community Plan Areas, 2021 Los Angeles Department of City Planning; Metro Rail and Liner Routes and Stations, 2018 Metro; Terrain: Multi-Directional Hillshade, 2021 ESRI.

Disclaimer:
The City of Los Angeles is neither responsible nor liable for any inaccuracies, errors, or omissions with respect to the material contained on this map. This map and all materials contained on it are distributed and transmitted "as is" without warranties of any kind, either express or implied, including without limitations, warranties of title or implied warranties of merchantability or fitness for a particular purpose. The City of Los Angeles is not responsible for any special, indirect, incidental, or consequential damages that may arise from the use of, or the inability to use, the map and/or the materials contained on the map whether the materials contained on the map are provided by the City of Los Angeles, or a third party.

N

0 2.5 5

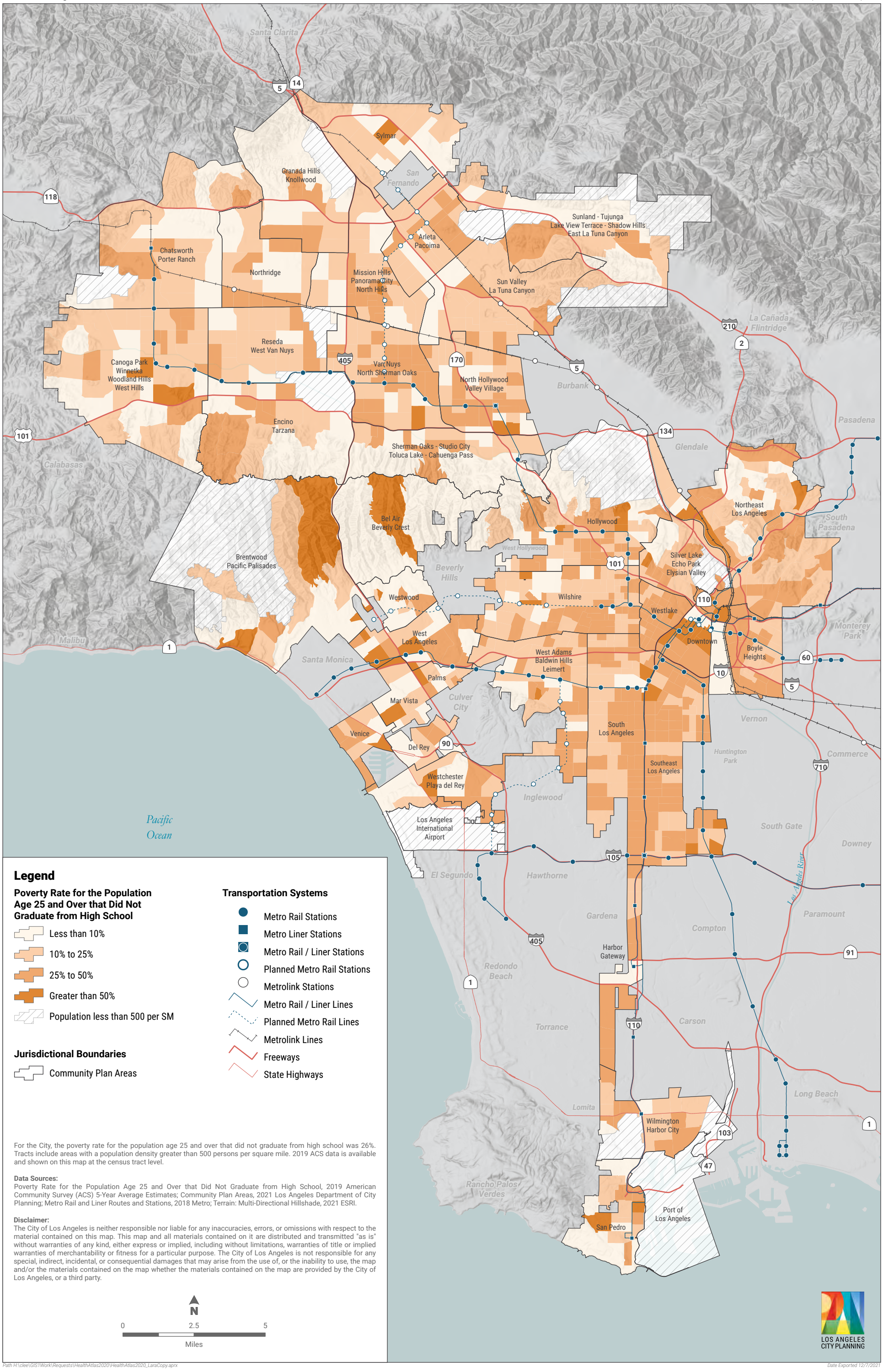
Miles

Path H:\clee\GIS1Work\Requests\HealthAtlas2020\HealthAtlas2020_LaraCopy.aprx

Date Exported 12/7/2021

Map 30

Poverty Rate for the Population Age 25 and Over that Did Not Graduate from High School (2019)



Legend

Poverty Rate for the Population Age 25 and Over that Did Not Graduate from High School

- Less than 10%
- 10% to 25%
- 25% to 50%
- Greater than 50%
- Population less than 500 per SM

Jurisdictional Boundaries

- Community Plan Areas

Transportation Systems

- Metro Rail Stations
- Metro Liner Stations
- Metro Rail / Liner Stations
- Planned Metro Rail Stations
- Metrolink Stations
- Metro Rail / Liner Lines
- Planned Metro Rail Lines
- Metrolink Lines
- Freeways
- State Highways

For the City, the poverty rate for the population age 25 and over that did not graduate from high school was 26%. Tracts include areas with a population density greater than 500 persons per square mile. 2019 ACS data is available and shown on this map at the census tract level.

Data Sources:
Poverty Rate for the Population Age 25 and Over that Did Not Graduate from High School, 2019 American Community Survey (ACS) 5-Year Average Estimates; Community Plan Areas, 2021 Los Angeles Department of City Planning; Metro Rail and Liner Routes and Stations, 2018 Metro; Terrain: Multi-Directional Hillshade, 2021 ESRI.

Disclaimer:
The City of Los Angeles is neither responsible nor liable for any inaccuracies, errors, or omissions with respect to the material contained on this map. This map and all materials contained on it are distributed and transmitted "as is" without warranties of any kind, either express or implied, including without limitations, warranties of title or implied warranties of merchantability or fitness for a particular purpose. The City of Los Angeles is not responsible for any special, indirect, incidental, or consequential damages that may arise from the use of, or the inability to use, the map and/or the materials contained on the map whether the materials contained on the map are provided by the City of Los Angeles, or a third party.

N

0 2.5 5

Miles

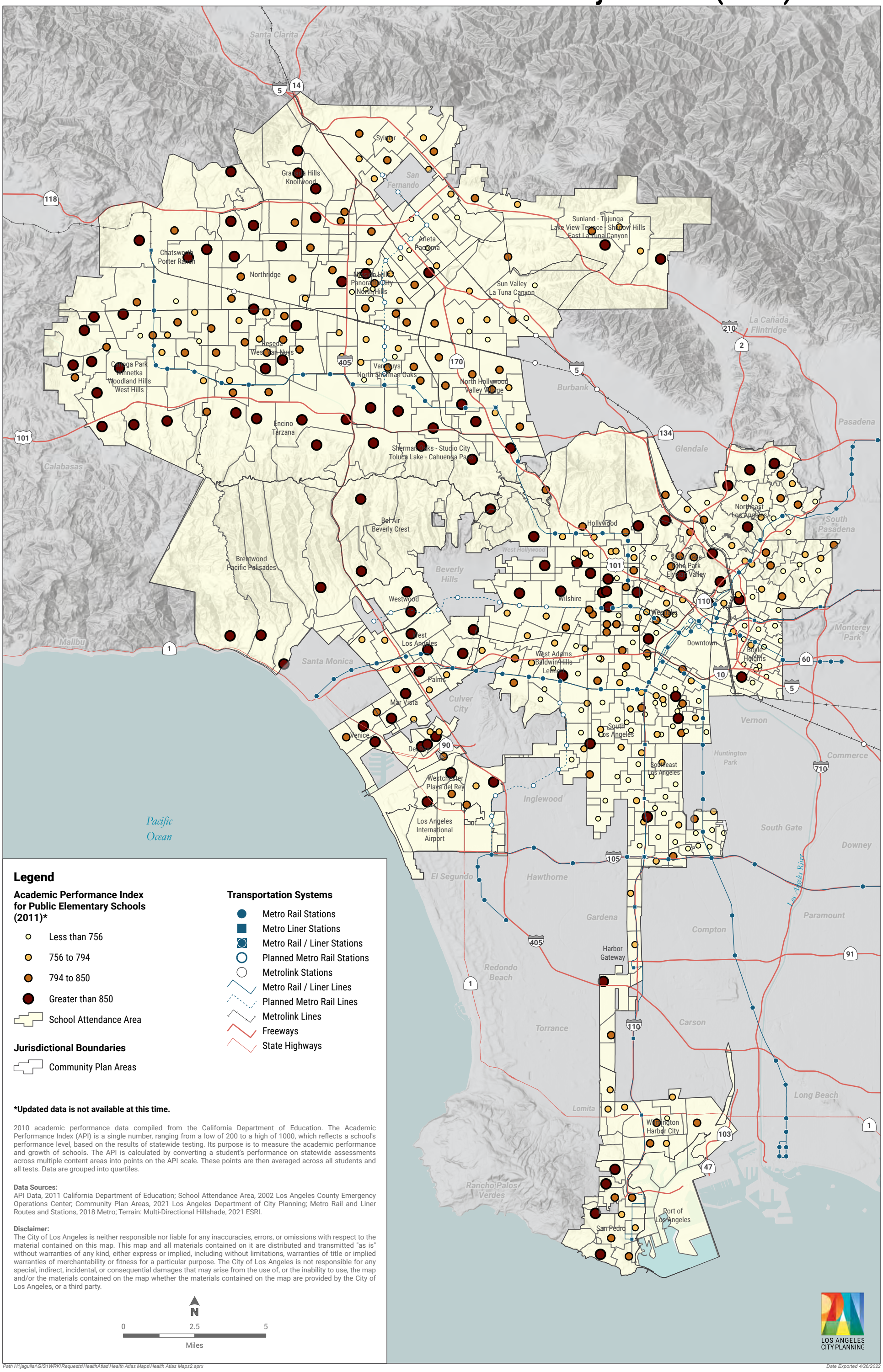
LOS ANGELES CITY PLANNING

Path H:\clee\GIS1Work\Requests\HealthAtlas2020\HealthAtlas2020_LaraCopy.aprx

Date Exported 12/7/2021

Map 31

Academic Performance Index for Public Elementary Schools (2011)



Legend

Academic Performance Index for Public Elementary Schools (2011)*

- Less than 756
- 756 to 794
- 794 to 850
- Greater than 850
- School Attendance Area

Jurisdictional Boundaries

- Community Plan Areas

Transportation Systems

- Metro Rail Stations
- Metro Liner Stations
- Metro Rail / Liner Stations
- Planned Metro Rail Stations
- Metrolink Stations
- Metro Rail / Liner Lines
- Planned Metro Rail Lines
- Metrolink Lines
- Freeways
- State Highways

***Updated data is not available at this time.**

2010 academic performance data compiled from the California Department of Education. The Academic Performance Index (API) is a single number, ranging from a low of 200 to a high of 1000, which reflects a school's performance level, based on the results of statewide testing. Its purpose is to measure the academic performance and growth of schools. The API is calculated by converting a student's performance on statewide assessments across multiple content areas into points on the API scale. These points are then averaged across all students and all tests. Data are grouped into quartiles.

Data Sources:
API Data, 2011 California Department of Education; School Attendance Area, 2002 Los Angeles County Emergency Operations Center; Community Plan Areas, 2021 Los Angeles Department of City Planning; Metro Rail and Liner Routes and Stations, 2018 Metro; Terrain: Multi-Directional Hillshade, 2021 ESRI.

Disclaimer:
The City of Los Angeles is neither responsible nor liable for any inaccuracies, errors, or omissions with respect to the material contained on this map. This map and all materials contained on it are distributed and transmitted "as is" without warranties of any kind, either express or implied, including without limitations, warranties of title or implied warranties of merchantability or fitness for a particular purpose. The City of Los Angeles is not responsible for any special, indirect, incidental, or consequential damages that may arise from the use of, or the inability to use, the map and/or the materials contained on the map whether the materials contained on the map are provided by the City of Los Angeles, or a third party.

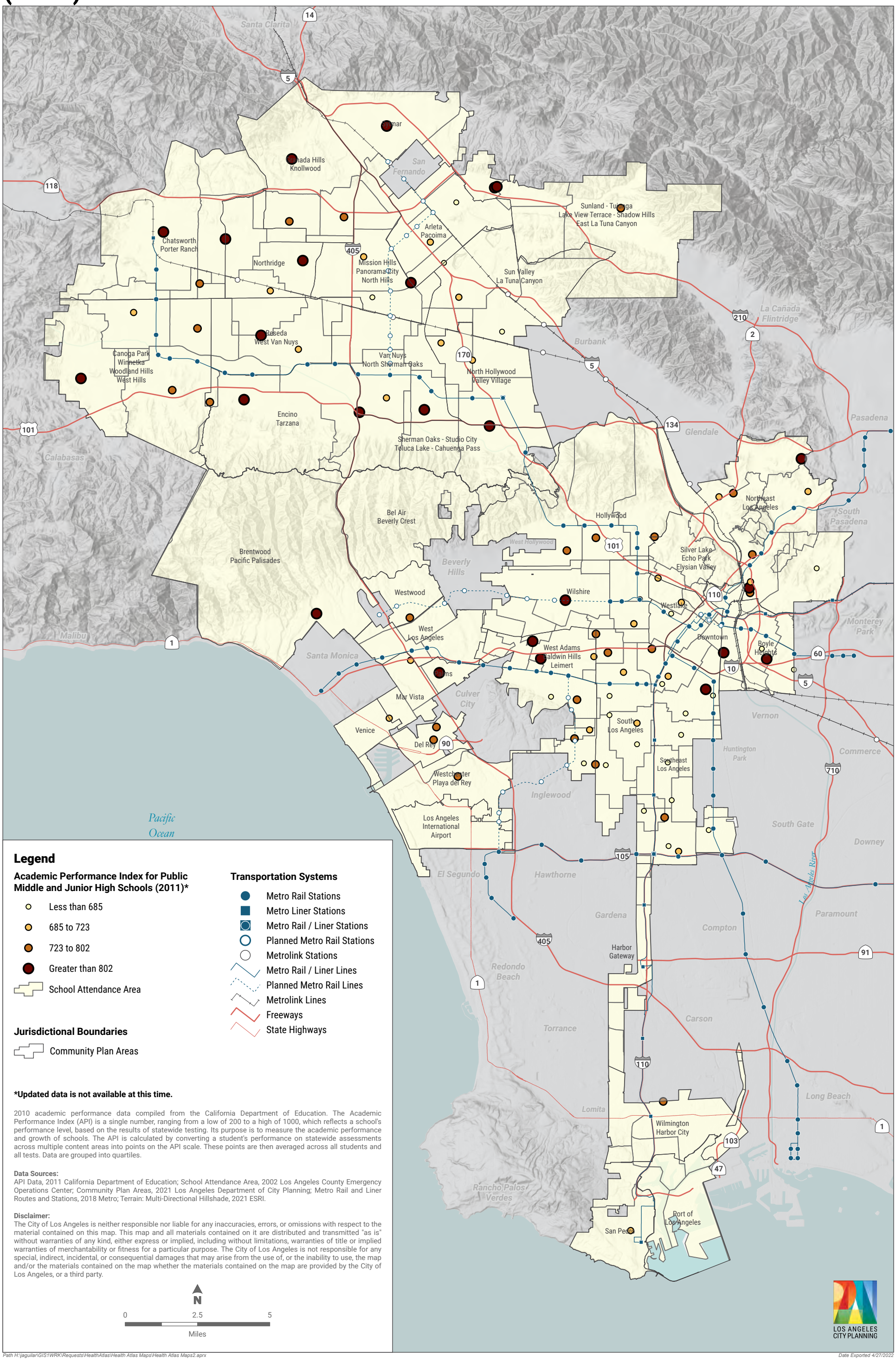
LOS ANGELES CITY PLANNING

Path H:\jaguilar\GIS1WRK\Requests\HealthAtlas\Health Atlas Maps\Health Atlas Maps2.aprx

Date Exported 4/26/2022

Map 32

Academic Performance Index for Public Middle and Junior High Schools (2011)



Legend

Academic Performance Index for Public Middle and Junior High Schools (2011)*

- Less than 685
- 685 to 723
- 723 to 802
- Greater than 802
- School Attendance Area

Transportation Systems

- Metro Rail Stations
- Metro Liner Stations
- Metro Rail / Liner Stations
- Planned Metro Rail Stations
- Metrolink Stations
- Metro Rail / Liner Lines
- Planned Metro Rail Lines
- Metrolink Lines
- Freeways
- State Highways

Jurisdictional Boundaries

- Community Plan Areas

***Updated data is not available at this time.**

2010 academic performance data compiled from the California Department of Education. The Academic Performance Index (API) is a single number, ranging from a low of 200 to a high of 1000, which reflects a school's performance level, based on the results of statewide testing. Its purpose is to measure the academic performance and growth of schools. The API is calculated by converting a student's performance on statewide assessments across multiple content areas into points on the API scale. These points are then averaged across all students and all tests. Data are grouped into quartiles.

Data Sources:
API Data, 2011 California Department of Education; School Attendance Area, 2002 Los Angeles County Emergency Operations Center; Community Plan Areas, 2021 Los Angeles Department of City Planning; Metro Rail and Liner Routes and Stations, 2018 Metro; Terrain: Multi-Directional Hillshade, 2021 ESRI.

Disclaimer:
The City of Los Angeles is neither responsible nor liable for any inaccuracies, errors, or omissions with respect to the material contained on this map. This map and all materials contained on it are distributed and transmitted "as is" without warranties of any kind, either express or implied, including without limitations, warranties of title or implied warranties of merchantability or fitness for a particular purpose. The City of Los Angeles is not responsible for any special, indirect, incidental, or consequential damages that may arise from the use of, or the inability to use, the map and/or the materials contained on the map whether the materials contained on the map are provided by the City of Los Angeles, or a third party.

N

0 2.5 5

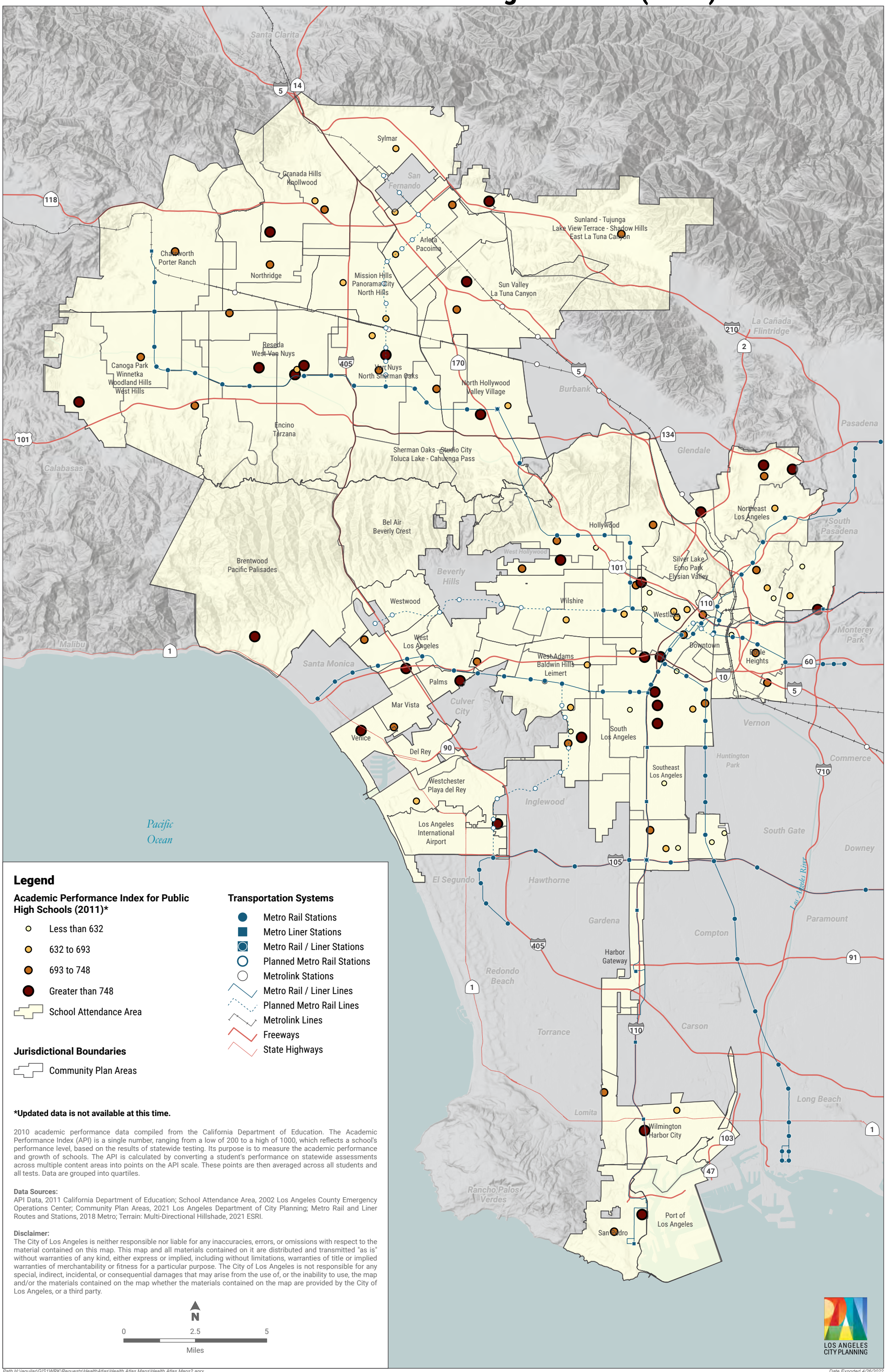
Miles

Path H:\jaguilar\GIS1WRK\Requests\HealthAtlas\Health Atlas Maps\Health Atlas Maps2.aprx

Date Exported 4/27/2022

Map 33

Academic Performance Index for Public High Schools (2011)



Legend

Academic Performance Index for Public High Schools (2011)*

- Less than 632
- 632 to 693
- 693 to 748
- Greater than 748
- School Attendance Area

Transportation Systems

- Metro Rail Stations
- Metro Liner Stations
- Metro Rail / Liner Stations
- Planned Metro Rail Stations
- Metrolink Stations
- Metro Rail / Liner Lines
- Planned Metro Rail Lines
- Metrolink Lines
- Freeways
- State Highways

Jurisdictional Boundaries

- Community Plan Areas

***Updated data is not available at this time.**

2010 academic performance data compiled from the California Department of Education. The Academic Performance Index (API) is a single number, ranging from a low of 200 to a high of 1000, which reflects a school's performance level, based on the results of statewide testing. Its purpose is to measure the academic performance and growth of schools. The API is calculated by converting a student's performance on statewide assessments across multiple content areas into points on the API scale. These points are then averaged across all students and all tests. Data are grouped into quartiles.

Data Sources:
API Data, 2011 California Department of Education; School Attendance Area, 2002 Los Angeles County Emergency Operations Center; Community Plan Areas, 2021 Los Angeles Department of City Planning; Metro Rail and Liner Routes and Stations, 2018 Metro; Terrain: Multi-Directional Hillshade, 2021 ESRI.

Disclaimer:
The City of Los Angeles is neither responsible nor liable for any inaccuracies, errors, or omissions with respect to the material contained on this map. This map and all materials contained on it are distributed and transmitted "as is" without warranties of any kind, either express or implied, including without limitations, warranties of title or implied warranties of merchantability or fitness for a particular purpose. The City of Los Angeles is not responsible for any special, indirect, incidental, or consequential damages that may arise from the use of, or the inability to use, the map and/or the materials contained on the map whether the materials contained on the map are provided by the City of Los Angeles, or a third party.

N

0 2.5 5

Miles

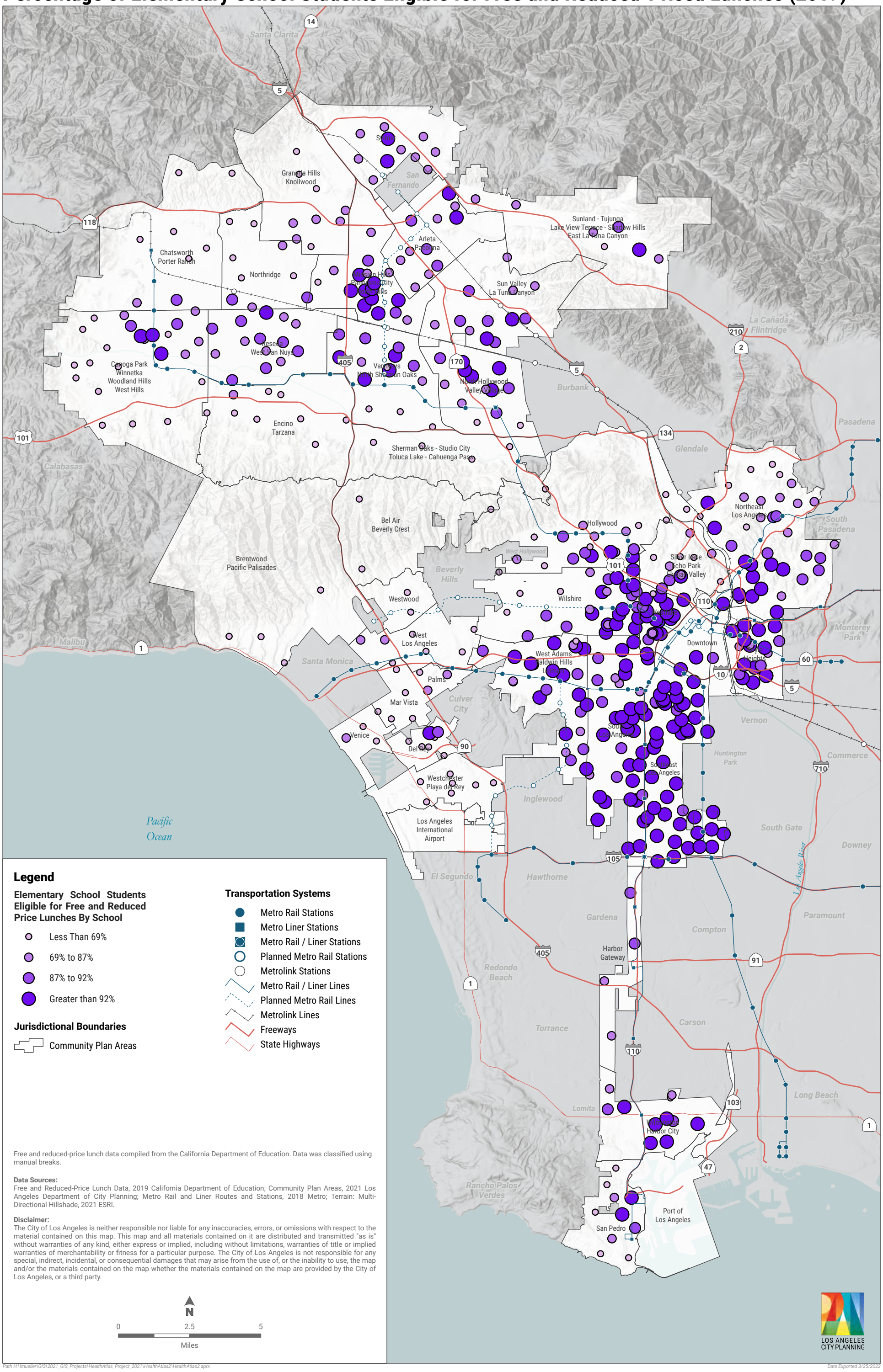
LOS ANGELES CITY PLANNING

Path H:\jaguilar\GIS1WRK\Requests\HealthAtlas\Health Atlas Maps\Health Atlas Maps2.aprx

Date Exported 4/26/2022

Map 34

Percentage of Elementary School Students Eligible for Free and Reduced-Priced Lunches (2019)



Legend

Elementary School Students Eligible for Free and Reduced Price Lunches By School

- Less Than 69%
- 69% to 87%
- 87% to 92%
- Greater than 92%

Jurisdictional Boundaries

- Community Plan Areas

Transportation Systems

- Metro Rail Stations
- Metro Liner Stations
- Metro Rail / Liner Stations
- Planned Metro Rail Stations
- Metrolink Stations
- Metro Rail / Liner Lines
- Planned Metro Rail Lines
- Metrolink Lines
- Freeways
- State Highways

Free and reduced-price lunch data compiled from the California Department of Education. Data was classified using manual breaks.

Data Sources:
Free and Reduced-Price Lunch Data, 2019 California Department of Education; Community Plan Areas, 2021 Los Angeles Department of City Planning; Metro Rail and Liner Routes and Stations, 2018 Metro; Terrain: Multi-Directional Hillshade, 2021 ESRI.

Disclaimer:
The City of Los Angeles is neither responsible nor liable for any inaccuracies, errors, or omissions with respect to the material contained on this map. This map and all materials contained on it are distributed and transmitted "as is" without warranties of any kind, either express or implied, including without limitations, warranties of title or implied warranties of merchantability or fitness for a particular purpose. The City of Los Angeles is not responsible for any special, indirect, incidental, or consequential damages that may arise from the use of, or the inability to use, the map and/or the materials contained on the map whether the materials contained on the map are provided by the City of Los Angeles, or a third party.

N

0 2.5 5

Miles

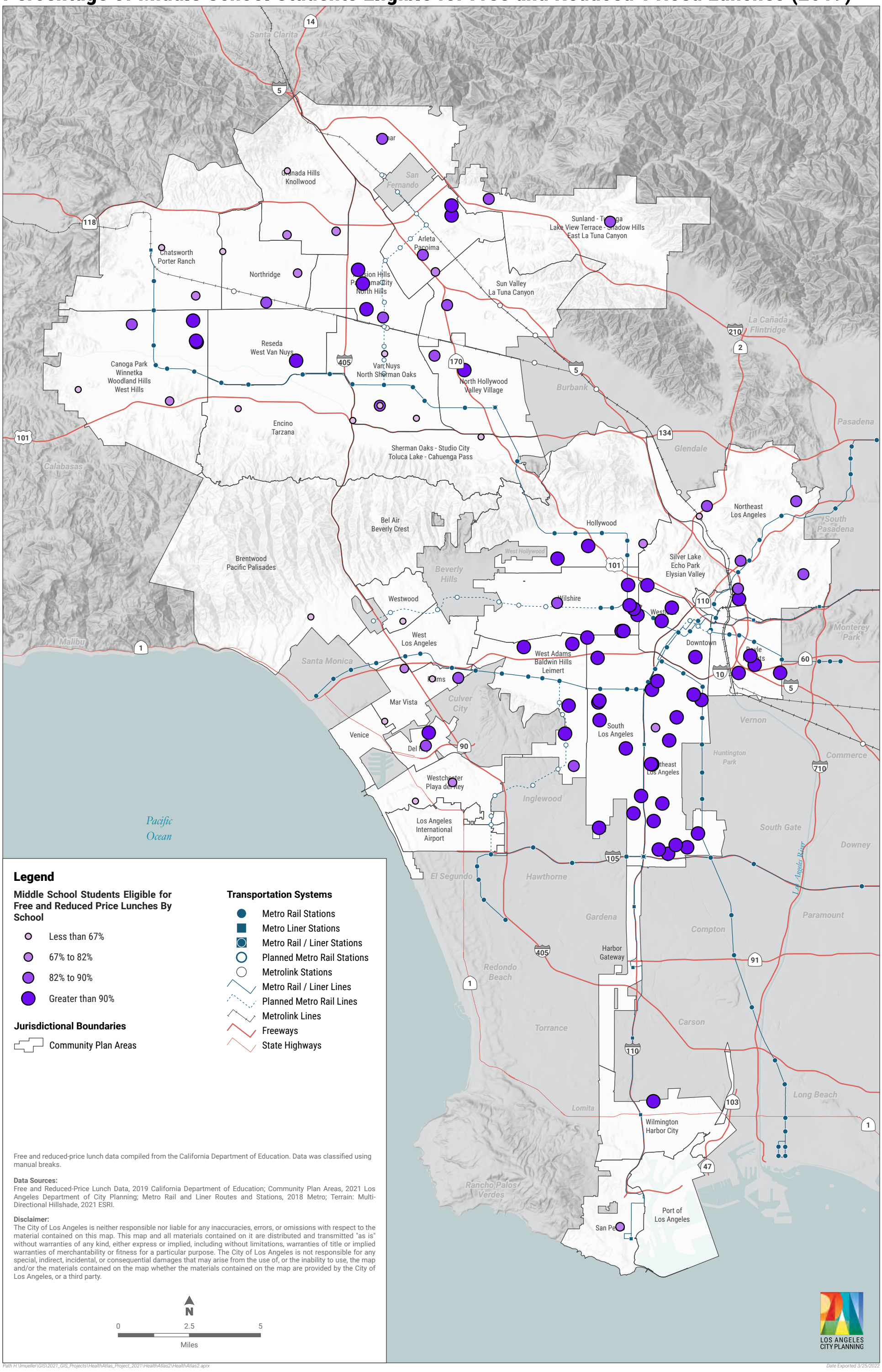
LOS ANGELES CITY PLANNING

Path H:\lmueller\GIS\2021_GIS_Projects\HealthAtlas_Project_2021\HealthAtlas2\HealthAtlas2.aprx

Date Exported 3/25/2022

Map 35

Percentage of Middle School Students Eligible for Free and Reduced-Priced Lunches (2019)



Legend

Middle School Students Eligible for Free and Reduced Price Lunches By School

- Less than 67%
- 67% to 82%
- 82% to 90%
- Greater than 90%

Jurisdictional Boundaries

- Community Plan Areas

Transportation Systems

- Metro Rail Stations
- Metro Liner Stations
- Metro Rail / Liner Stations
- Planned Metro Rail Stations
- Metrolink Stations
- Metro Rail / Liner Lines
- Planned Metro Rail Lines
- Metrolink Lines
- Freeways
- State Highways

Free and reduced-price lunch data compiled from the California Department of Education. Data was classified using manual breaks.

Data Sources:
Free and Reduced-Price Lunch Data, 2019 California Department of Education; Community Plan Areas, 2021 Los Angeles Department of City Planning; Metro Rail and Liner Routes and Stations, 2018 Metro; Terrain: Multi-Directional Hillshade, 2021 ESRI.

Disclaimer:
The City of Los Angeles is neither responsible nor liable for any inaccuracies, errors, or omissions with respect to the material contained on this map. This map and all materials contained on it are distributed and transmitted "as is" without warranties of any kind, either express or implied, including without limitations, warranties of title or implied warranties of merchantability or fitness for a particular purpose. The City of Los Angeles is not responsible for any special, indirect, incidental, or consequential damages that may arise from the use of, or the inability to use, the map and/or the materials contained on the map whether the materials contained on the map are provided by the City of Los Angeles, or a third party.

N

0 2.5 5

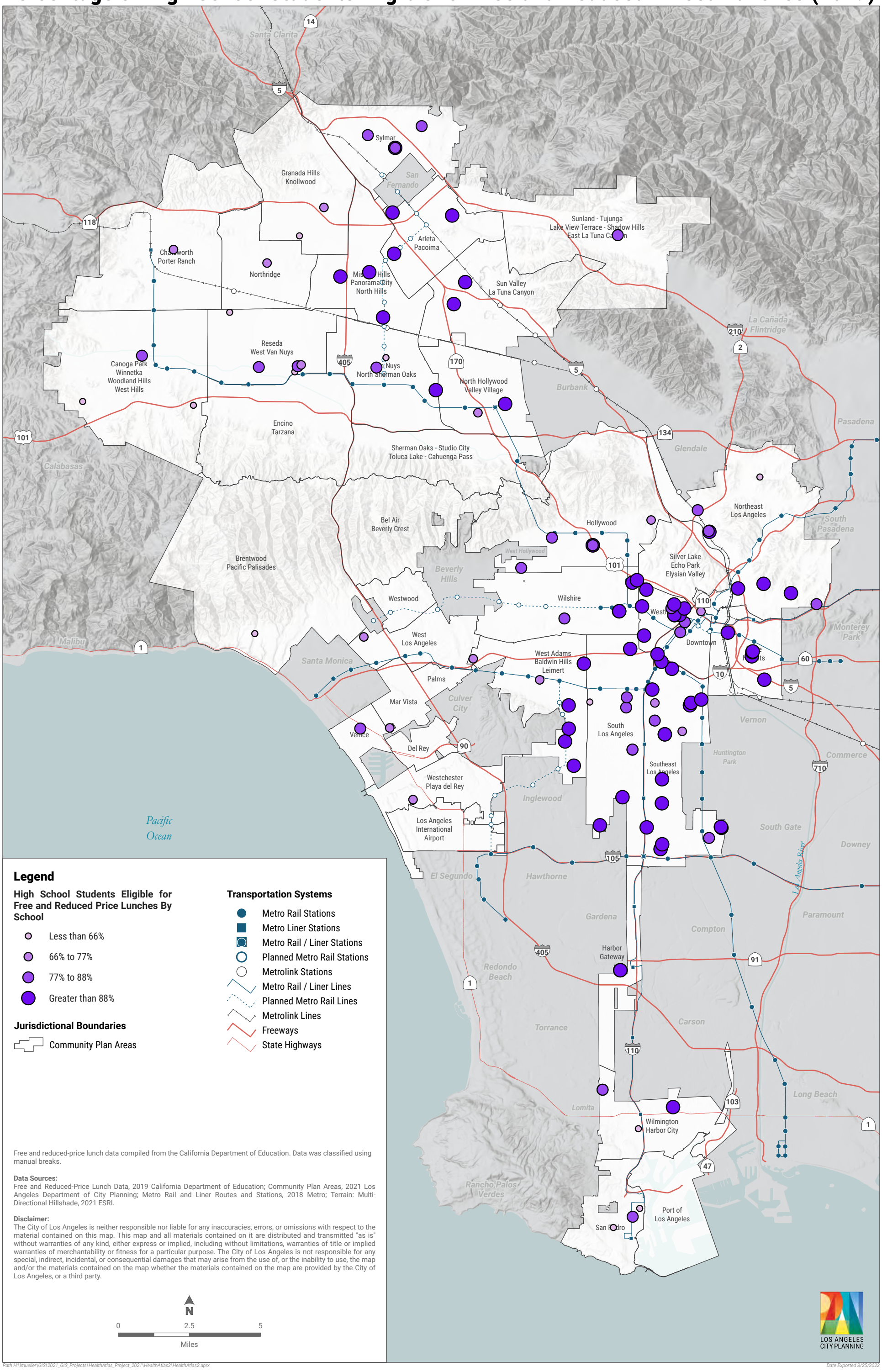
Miles

Path H:\lmueller\GIS\2021_GIS_Projects\HealthAtlas_Project_2021\HealthAtlas2\HealthAtlas2.aprx

Date Exported 3/25/2022

Map 36

Percentage of High School Students Eligible for Free and Reduced-Priced Lunches (2019)



Legend

High School Students Eligible for Free and Reduced Price Lunches By School

- Less than 66%
- 66% to 77%
- 77% to 88%
- Greater than 88%

Jurisdictional Boundaries

- Community Plan Areas

Transportation Systems

- Metro Rail Stations
- Metro Liner Stations
- Metro Rail / Liner Stations
- Planned Metro Rail Stations
- Metrolink Stations
- Metro Rail / Liner Lines
- Planned Metro Rail Lines
- Metrolink Lines
- Freeways
- State Highways

Free and reduced-price lunch data compiled from the California Department of Education. Data was classified using manual breaks.

Data Sources:
Free and Reduced-Price Lunch Data, 2019 California Department of Education; Community Plan Areas, 2021 Los Angeles Department of City Planning; Metro Rail and Liner Routes and Stations, 2018 Metro; Terrain: Multi-Directional Hillshade, 2021 ESRI.

Disclaimer:
The City of Los Angeles is neither responsible nor liable for any inaccuracies, errors, or omissions with respect to the material contained on this map. This map and all materials contained on it are distributed and transmitted "as is" without warranties of any kind, either express or implied, including without limitations, warranties of title or implied warranties of merchantability or fitness for a particular purpose. The City of Los Angeles is not responsible for any special, indirect, incidental, or consequential damages that may arise from the use of, or the inability to use, the map and/or the materials contained on the map whether the materials contained on the map are provided by the City of Los Angeles, or a third party.

N

0 2.5 5

Miles

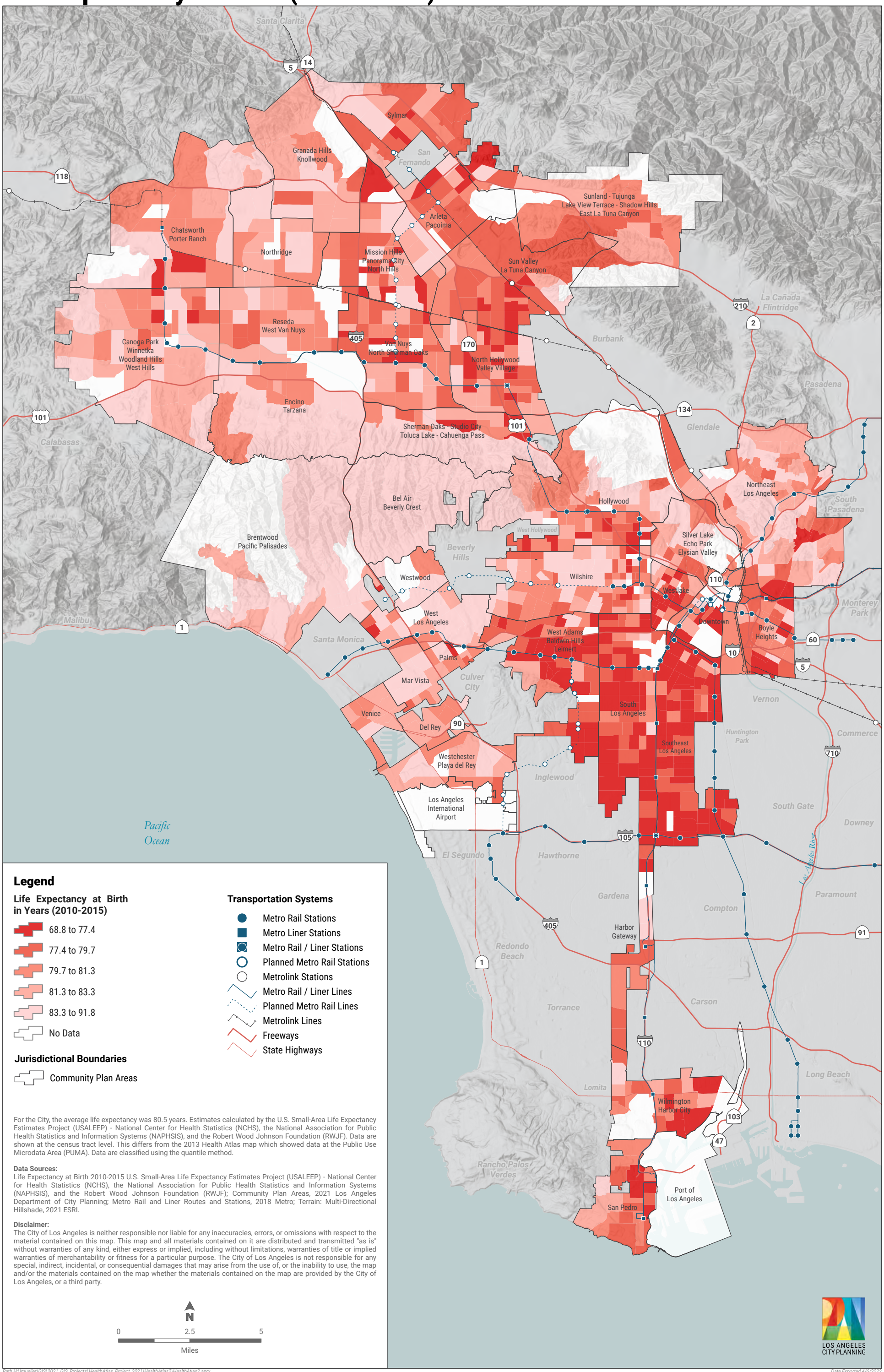
Path H:\lmueller\GIS\2021_GIS_Projects\HealthAtlas_Project_2021\HealthAtlas2\HealthAtlas2.aprx

Date Exported 3/25/2022

HEALTH CONDITIONS

Chapter 6

Map 37
Life Expectancy at Birth (2010-2015)



Legend

Life Expectancy at Birth in Years (2010-2015)

- 68.8 to 77.4
- 77.4 to 79.7
- 79.7 to 81.3
- 81.3 to 83.3
- 83.3 to 91.8
- No Data

Transportation Systems

- Metro Rail Stations
- Metro Liner Stations
- Metro Rail / Liner Stations
- Planned Metro Rail Stations
- Metrolink Stations
- Metro Rail / Liner Lines
- Planned Metro Rail Lines
- Metrolink Lines
- Freeways
- State Highways

Jurisdictional Boundaries

- Community Plan Areas

For the City, the average life expectancy was 80.5 years. Estimates calculated by the U.S. Small-Area Life Expectancy Estimates Project (USALEEP) - National Center for Health Statistics (NCHS), the National Association for Public Health Statistics and Information Systems (NAPHSIS), and the Robert Wood Johnson Foundation (RWJF). Data are shown at the census tract level. This differs from the 2013 Health Atlas map which showed data at the Public Use Microdata Area (PUMA). Data are classified using the quantile method.

Data Sources:
Life Expectancy at Birth 2010-2015 U.S. Small-Area Life Expectancy Estimates Project (USALEEP) - National Center for Health Statistics (NCHS), the National Association for Public Health Statistics and Information Systems (NAPHSIS), and the Robert Wood Johnson Foundation (RWJF); Community Plan Areas, 2021 Los Angeles Department of City Planning; Metro Rail and Liner Routes and Stations, 2018 Metro; Terrain: Multi-Directional Hillshade, 2021 ESRI.

Disclaimer:
The City of Los Angeles is neither responsible nor liable for any inaccuracies, errors, or omissions with respect to the material contained on this map. This map and all materials contained on it are distributed and transmitted "as is" without warranties of any kind, either express or implied, including without limitations, warranties of title or implied warranties of merchantability or fitness for a particular purpose. The City of Los Angeles is not responsible for any special, indirect, incidental, or consequential damages that may arise from the use of, or the inability to use, the map and/or the materials contained on the map whether the materials contained on the map are provided by the City of Los Angeles, or a third party.

N

0 2.5 5

Miles

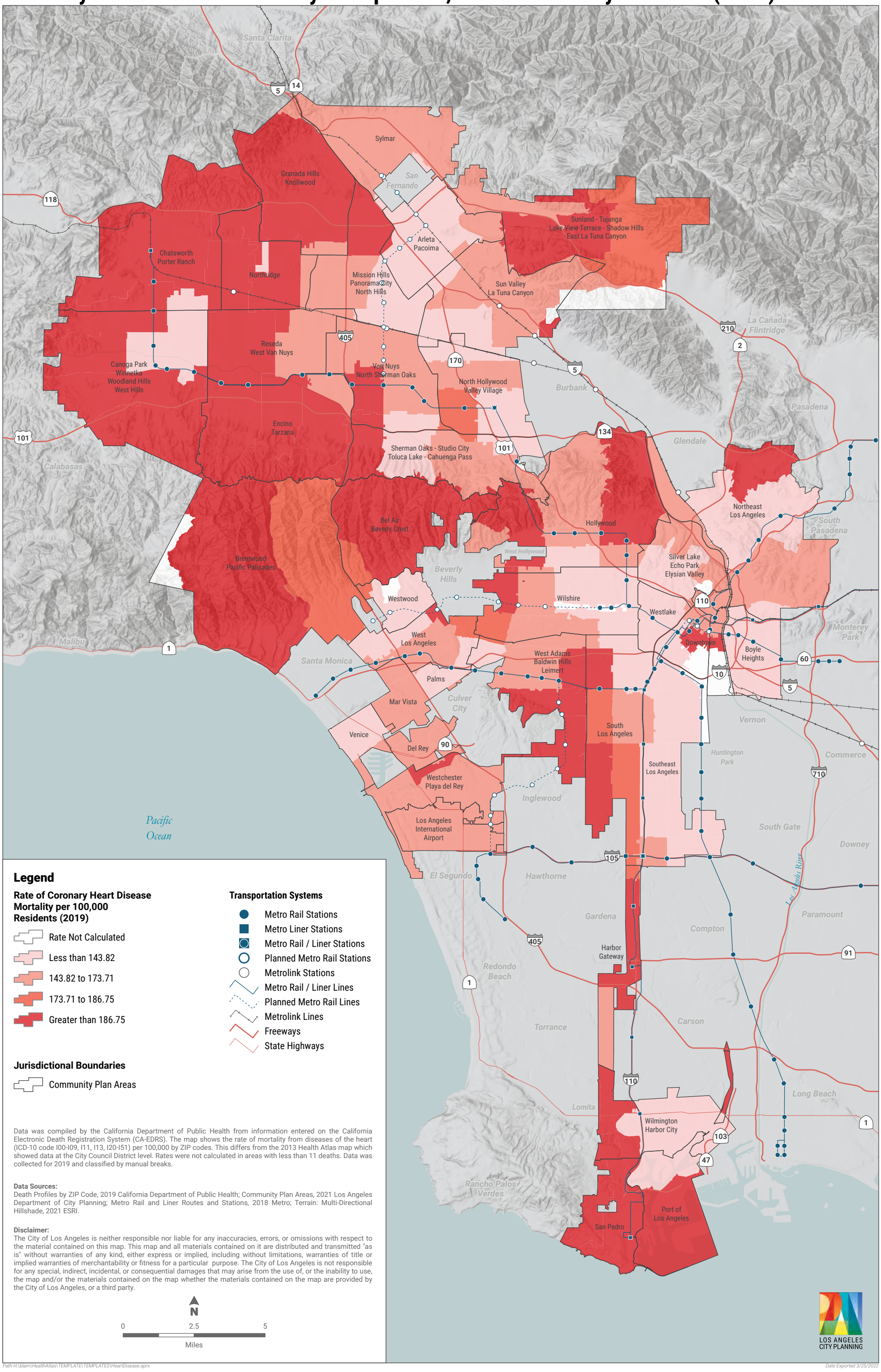
LOS ANGELES CITY PLANNING

Path H:\lmueller\GIS\2021_GIS_Projects\HealthAtlas_Project_2021\HealthAtlas2\HealthAtlas2.aprx

Date Exported 4/6/2022

Map 38

Coronary Heart Disease Mortality Rate per 100,000 Residents by ZIP Code (2019)



Legend

Rate of Coronary Heart Disease Mortality per 100,000 Residents (2019)

- Rate Not Calculated
- Less than 143.82
- 143.82 to 173.71
- 173.71 to 186.75
- Greater than 186.75

Transportation Systems

- Metro Rail Stations
- Metro Liner Stations
- Metro Rail / Liner Stations
- Planned Metro Rail Stations
- Metrolink Stations
- Metro Rail / Liner Lines
- Planned Metro Rail Lines
- Metrolink Lines
- Freeways
- State Highways

Jurisdictional Boundaries

- Community Plan Areas

Data was compiled by the California Department of Public Health from information entered on the California Electronic Death Registration System (CA-EDRS). The map shows the rate of mortality from diseases of the heart (ICD-10 code I00-I09, I11, I13, I20-I51) per 100,000 by ZIP codes. This differs from the 2013 Health Atlas map which showed data at the City Council District level. Rates were not calculated in areas with less than 11 deaths. Data was collected for 2019 and classified by manual breaks.

Data Sources:
Death Profiles by ZIP Code, 2019 California Department of Public Health; Community Plan Areas, 2021 Los Angeles Department of City Planning; Metro Rail and Liner Routes and Stations, 2018 Metro; Terrain: Multi-Directional Hillshade, 2021 ESRI.

Disclaimer:
The City of Los Angeles is neither responsible nor liable for any inaccuracies, errors, or omissions with respect to the material contained on this map. This map and all materials contained on it are distributed and transmitted "as is" without warranties of any kind, either express or implied, including without limitations, warranties of title or implied warranties of merchantability or fitness for a particular purpose. The City of Los Angeles is not responsible for any special, indirect, incidental, or consequential damages that may arise from the use of, or the inability to use, the map and/or the materials contained on the map whether the materials contained on the map are provided by the City of Los Angeles, or a third party.

N

0 2.5 5

Miles

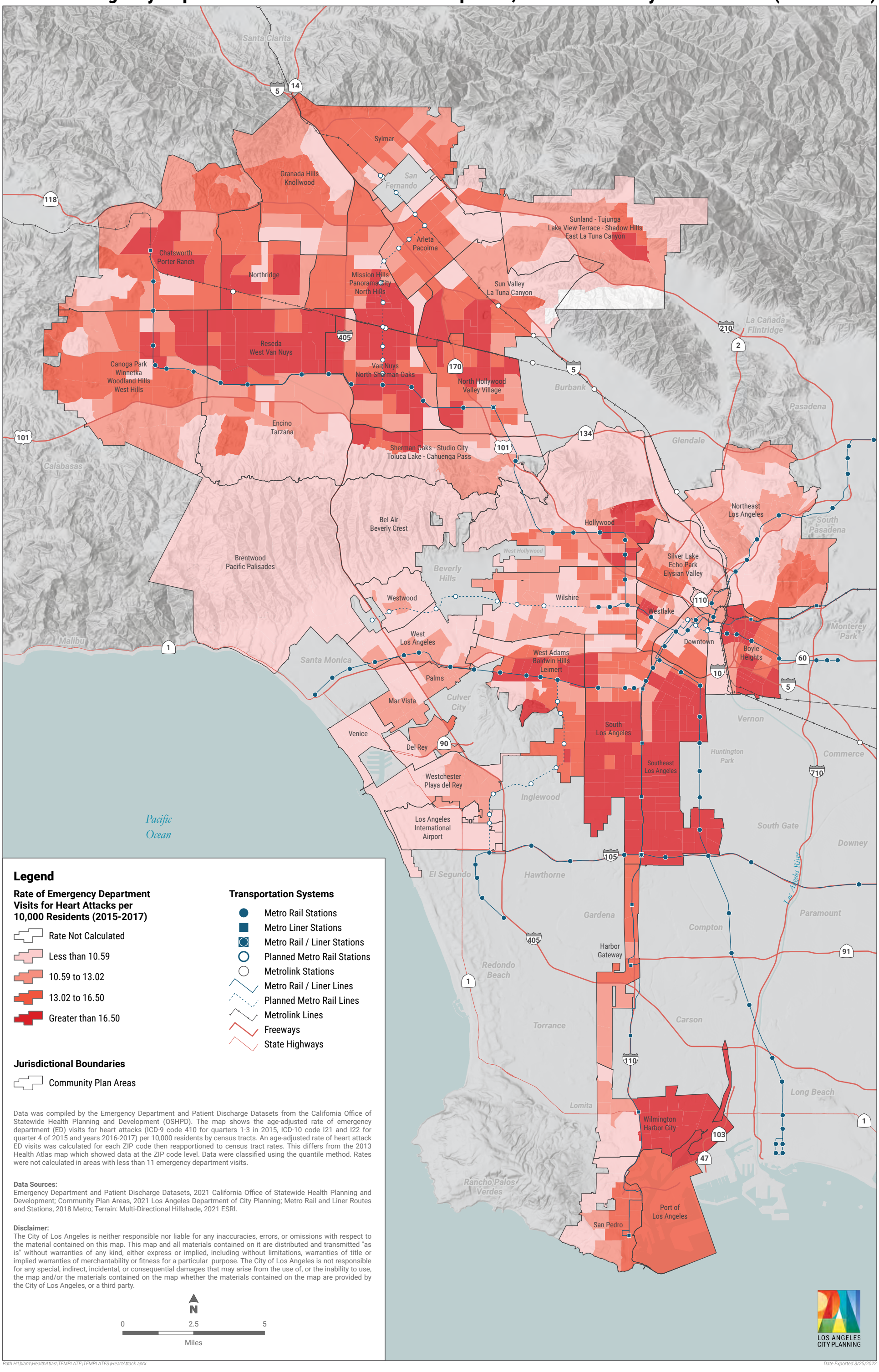
LOS ANGELES CITY PLANNING

Path H:\blam\HealthAtlas\TEMPLATE\TEMPLATES\HeartDisease.aprx

Date Exported 3/25/2022

Map 39

Rate of Emergency Department Visits for Heart Attacks per 10,000 Residents by Census Tract (2015-2017)



Legend

Rate of Emergency Department Visits for Heart Attacks per 10,000 Residents (2015-2017)

- Rate Not Calculated
- Less than 10.59
- 10.59 to 13.02
- 13.02 to 16.50
- Greater than 16.50

Transportation Systems

- Metro Rail Stations
- Metro Liner Stations
- Metro Rail / Liner Stations
- Planned Metro Rail Stations
- Metrolink Stations
- Metro Rail / Liner Lines
- Planned Metro Rail Lines
- Metrolink Lines
- Freeways
- State Highways

Jurisdictional Boundaries

- Community Plan Areas

Data was compiled by the Emergency Department and Patient Discharge Datasets from the California Office of Statewide Health Planning and Development (OSHPD). The map shows the age-adjusted rate of emergency department (ED) visits for heart attacks (ICD-9 code 410 for quarters 1-3 in 2015, ICD-10 code I21 and I22 for quarter 4 of 2015 and years 2016-2017) per 10,000 residents by census tracts. An age-adjusted rate of heart attack ED visits was calculated for each ZIP code then reapportioned to census tract rates. This differs from the 2013 Health Atlas map which showed data at the ZIP code level. Data were classified using the quantile method. Rates were not calculated in areas with less than 11 emergency department visits.

Data Sources:
Emergency Department and Patient Discharge Datasets, 2021 California Office of Statewide Health Planning and Development; Community Plan Areas, 2021 Los Angeles Department of City Planning; Metro Rail and Liner Routes and Stations, 2018 Metro; Terrain: Multi-Directional Hillshade, 2021 ESRI.

Disclaimer:
The City of Los Angeles is neither responsible nor liable for any inaccuracies, errors, or omissions with respect to the material contained on this map. This map and all materials contained on it are distributed and transmitted "as is" without warranties of any kind, either express or implied, including without limitations, warranties of title or implied warranties of merchantability or fitness for a particular purpose. The City of Los Angeles is not responsible for any special, indirect, incidental, or consequential damages that may arise from the use of, or the inability to use, the map and/or the materials contained on the map whether the materials contained on the map are provided by the City of Los Angeles, or a third party.

N

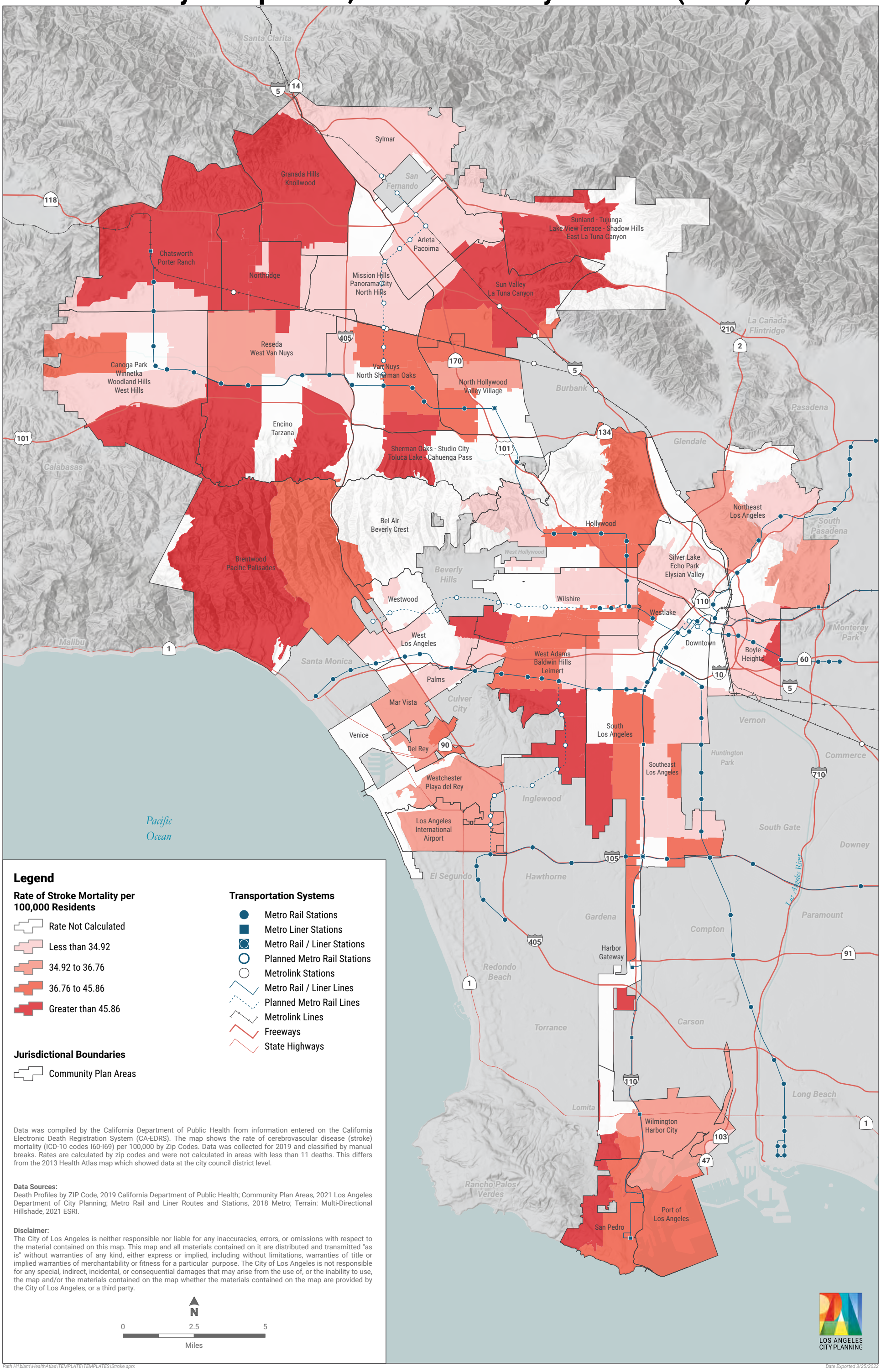
0 2.5 5

Miles

Path H:\blam\HealthAtlas\TEMPLATE\TEMPLATES\HeartAttack.aprx

Date Exported 3/25/2022

Map 40
Stroke Mortality Rate per 100,000 Residents by ZIP Code (2019)



Legend

Rate of Stroke Mortality per 100,000 Residents

- Rate Not Calculated
- Less than 34.92
- 34.92 to 36.76
- 36.76 to 45.86
- Greater than 45.86

Transportation Systems

- Metro Rail Stations
- Metro Liner Stations
- Metro Rail / Liner Stations
- Planned Metro Rail Stations
- Metrolink Stations
- Metro Rail / Liner Lines
- Planned Metro Rail Lines
- Metrolink Lines
- Freeways
- State Highways

Jurisdictional Boundaries

- Community Plan Areas

Data was compiled by the California Department of Public Health from information entered on the California Electronic Death Registration System (CA-EDRS). The map shows the rate of cerebrovascular disease (stroke) mortality (ICD-10 codes I60-I69) per 100,000 by Zip Codes. Data was collected for 2019 and classified by manual breaks. Rates are calculated by zip codes and were not calculated in areas with less than 11 deaths. This differs from the 2013 Health Atlas map which showed data at the city council district level.

Data Sources:
Death Profiles by ZIP Code, 2019 California Department of Public Health; Community Plan Areas, 2021 Los Angeles Department of City Planning; Metro Rail and Liner Routes and Stations, 2018 Metro; Terrain: Multi-Directional Hillshade, 2021 ESRI.

Disclaimer:
The City of Los Angeles is neither responsible nor liable for any inaccuracies, errors, or omissions with respect to the material contained on this map. This map and all materials contained on it are distributed and transmitted "as is" without warranties of any kind, either express or implied, including without limitations, warranties of title or implied warranties of merchantability or fitness for a particular purpose. The City of Los Angeles is not responsible for any special, indirect, incidental, or consequential damages that may arise from the use of, or the inability to use, the map and/or the materials contained on the map whether the materials contained on the map are provided by the City of Los Angeles, or a third party.

N

0 2.5 5

Miles

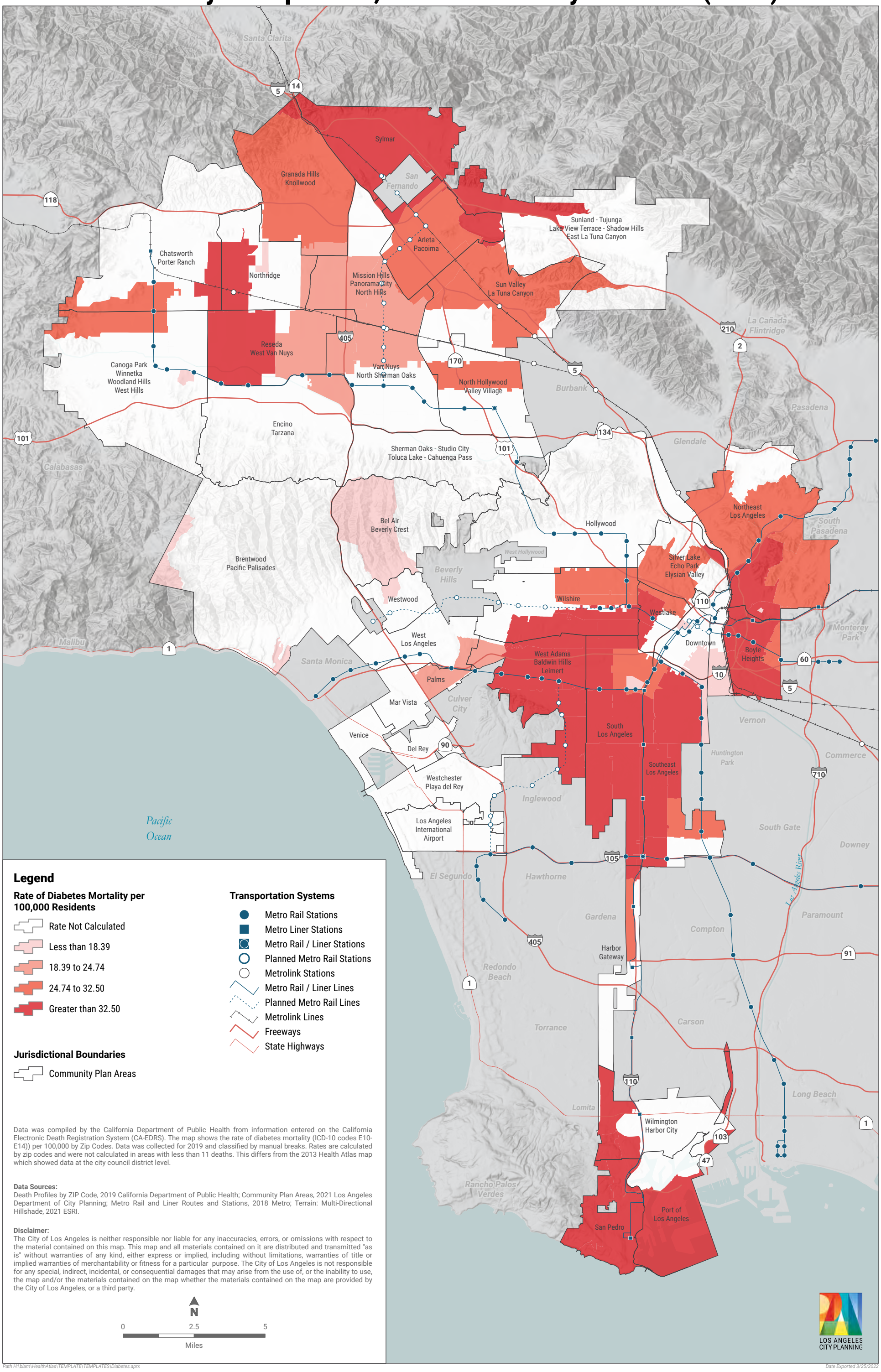
LOS ANGELES CITY PLANNING

Path H:\blam\HealthAtlas\TEMPLATE\TEMPLATES\Stroke.aprx

Date Exported 3/25/2022

Map 41

Diabetes Mortality Rate per 100,000 Residents by ZIP Code (2019)



Legend

Rate of Diabetes Mortality per 100,000 Residents

- Rate Not Calculated
- Less than 18.39
- 18.39 to 24.74
- 24.74 to 32.50
- Greater than 32.50

Transportation Systems

- Metro Rail Stations
- Metro Liner Stations
- Metro Rail / Liner Stations
- Planned Metro Rail Stations
- Metrolink Stations
- Metro Rail / Liner Lines
- Planned Metro Rail Lines
- Metrolink Lines
- Freeways
- State Highways

Jurisdictional Boundaries

- Community Plan Areas

Data was compiled by the California Department of Public Health from information entered on the California Electronic Death Registration System (CA-EDRS). The map shows the rate of diabetes mortality (ICD-10 codes E10-E14)) per 100,000 by Zip Codes. Data was collected for 2019 and classified by manual breaks. Rates are calculated by zip codes and were not calculated in areas with less than 11 deaths. This differs from the 2013 Health Atlas map which showed data at the city council district level.

Data Sources:
Death Profiles by ZIP Code, 2019 California Department of Public Health; Community Plan Areas, 2021 Los Angeles Department of City Planning; Metro Rail and Liner Routes and Stations, 2018 Metro; Terrain: Multi-Directional Hillshade, 2021 ESRI.

Disclaimer:
The City of Los Angeles is neither responsible nor liable for any inaccuracies, errors, or omissions with respect to the material contained on this map. This map and all materials contained on it are distributed and transmitted "as is" without warranties of any kind, either express or implied, including without limitations, warranties of title or implied warranties of merchantability or fitness for a particular purpose. The City of Los Angeles is not responsible for any special, indirect, incidental, or consequential damages that may arise from the use of, or the inability to use, the map and/or the materials contained on the map whether the materials contained on the map are provided by the City of Los Angeles, or a third party.

N

0 2.5 5

Miles

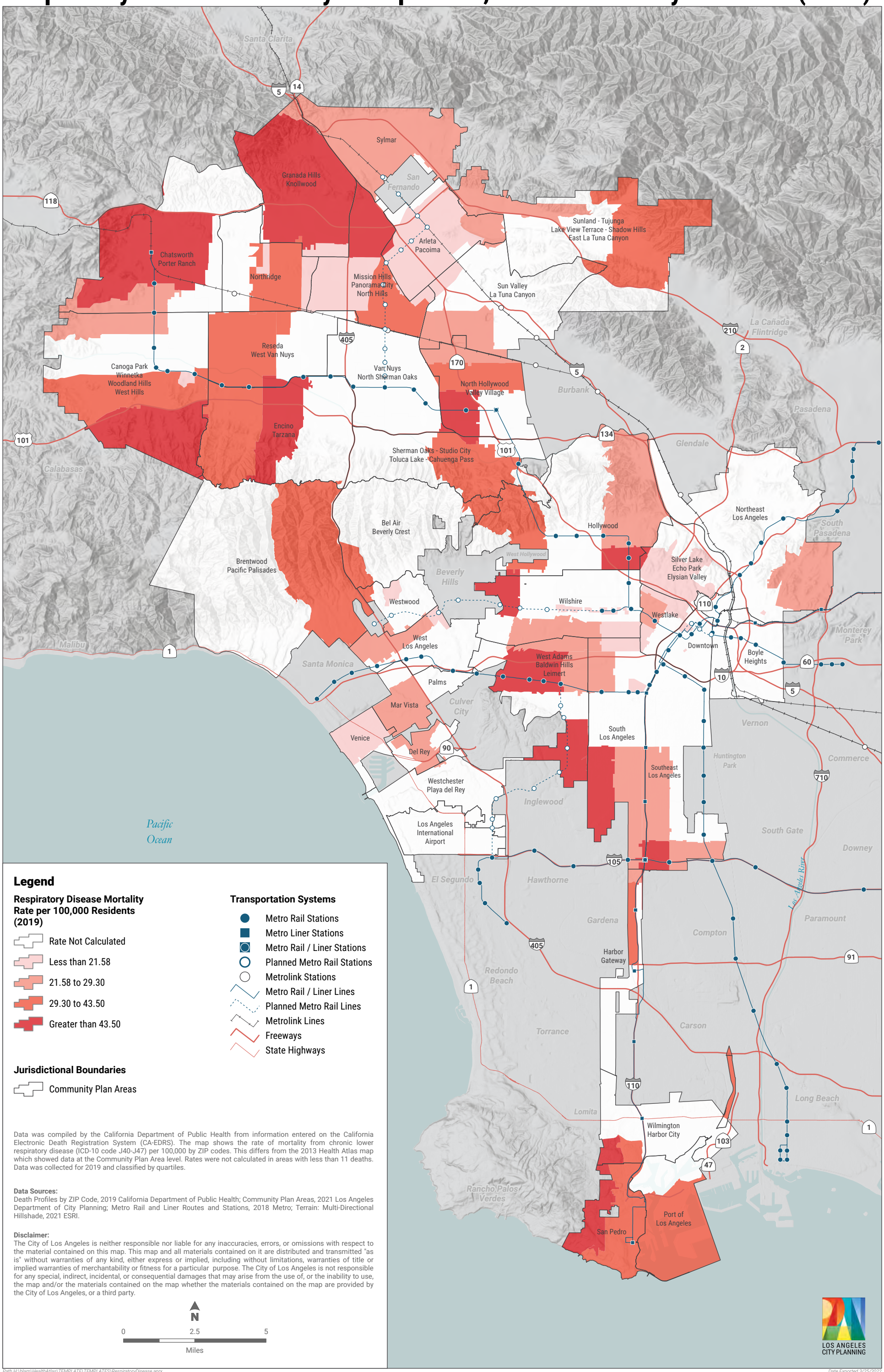
LOS ANGELES CITY PLANNING

Path H:\blam\HealthAtlas\TEMPLATE\TEMPLATES\Diabetes.aprx

Date Exported 3/25/2022

Map 42

Respiratory Disease Mortality Rate per 100,000 Residents by ZIP Code (2019)



Legend

Respiratory Disease Mortality Rate per 100,000 Residents (2019)

- Rate Not Calculated
- Less than 21.58
- 21.58 to 29.30
- 29.30 to 43.50
- Greater than 43.50

Transportation Systems

- Metro Rail Stations
- Metro Liner Stations
- Metro Rail / Liner Stations
- Planned Metro Rail Stations
- Metrolink Stations
- Metro Rail / Liner Lines
- Planned Metro Rail Lines
- Metrolink Lines
- Freeways
- State Highways

Jurisdictional Boundaries

- Community Plan Areas

Data was compiled by the California Department of Public Health from information entered on the California Electronic Death Registration System (CA-EDRS). The map shows the rate of mortality from chronic lower respiratory disease (ICD-10 code J40-J47) per 100,000 by ZIP codes. This differs from the 2013 Health Atlas map which showed data at the Community Plan Area level. Rates were not calculated in areas with less than 11 deaths. Data was collected for 2019 and classified by quartiles.

Data Sources:
Death Profiles by ZIP Code, 2019 California Department of Public Health; Community Plan Areas, 2021 Los Angeles Department of City Planning; Metro Rail and Liner Routes and Stations, 2018 Metro; Terrain: Multi-Directional Hillshade, 2021 ESRI.

Disclaimer:
The City of Los Angeles is neither responsible nor liable for any inaccuracies, errors, or omissions with respect to the material contained on this map. This map and all materials contained on it are distributed and transmitted "as is" without warranties of any kind, either express or implied, including without limitations, warranties of title or implied warranties of merchantability or fitness for a particular purpose. The City of Los Angeles is not responsible for any special, indirect, incidental, or consequential damages that may arise from the use of, or the inability to use, the map and/or the materials contained on the map whether the materials contained on the map are provided by the City of Los Angeles, or a third party.

N

0 2.5 5

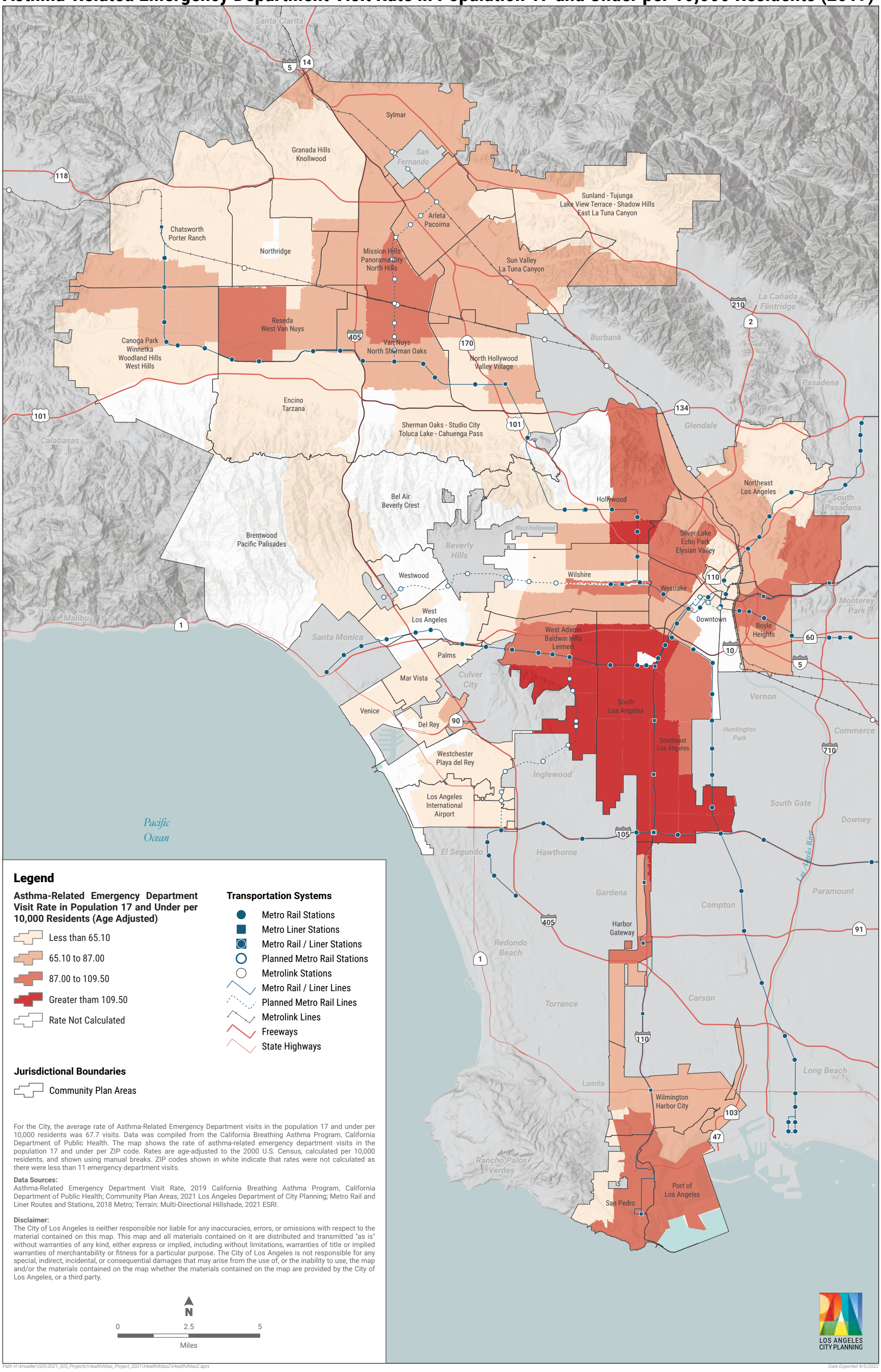
Miles

Path H:\blam\HealthAtlas\TEMPLATE\TEMPLATES\RespiratoryDisease.aprx

Date Exported 3/25/2022

Map 43

Asthma-Related Emergency Department Visit Rate in Population 17 and Under per 10,000 Residents (2019)



Legend

Asthma-Related Emergency Department Visit Rate in Population 17 and Under per 10,000 Residents (Age Adjusted)

- Less than 65.10
- 65.10 to 87.00
- 87.00 to 109.50
- Greater tham 109.50
- Rate Not Calculated

Transportation Systems

- Metro Rail Stations
- Metro Liner Stations
- Metro Rail / Liner Stations
- Planned Metro Rail Stations
- Metrolink Stations
- Metro Rail / Liner Lines
- Planned Metro Rail Lines
- Metrolink Lines
- Freeways
- State Highways

Jurisdictional Boundaries

- Community Plan Areas

For the City, the average rate of Asthma-Related Emergency Department visits in the population 17 and under per 10,000 residents was 67.7 visits. Data was compiled from the California Breathing Asthma Program, California Department of Public Health. The map shows the rate of asthma-related emergency department visits in the population 17 and under per ZIP code. Rates are age-adjusted to the 2000 U.S. Census, calculated per 10,000 residents, and shown using manual breaks. ZIP codes shown in white indicate that rates were not calculated as there were less than 11 emergency department visits.

Data Sources:
Asthma-Related Emergency Department Visit Rate, 2019 California Breathing Asthma Program, California Department of Public Health; Community Plan Areas, 2021 Los Angeles Department of City Planning; Metro Rail and Liner Routes and Stations, 2018 Metro; Terrain: Multi-Directional Hillshade, 2021 ESRI.

Disclaimer:
The City of Los Angeles is neither responsible nor liable for any inaccuracies, errors, or omissions with respect to the material contained on this map. This map and all materials contained on it are distributed and transmitted "as is" without warranties of any kind, either express or implied, including without limitations, warranties of title or implied warranties of merchantability or fitness for a particular purpose. The City of Los Angeles is not responsible for any special, indirect, incidental, or consequential damages that may arise from the use of, or the inability to use, the map and/or the materials contained on the map whether the materials contained on the map are provided by the City of Los Angeles, or a third party.

N

0 2.5 5

Miles

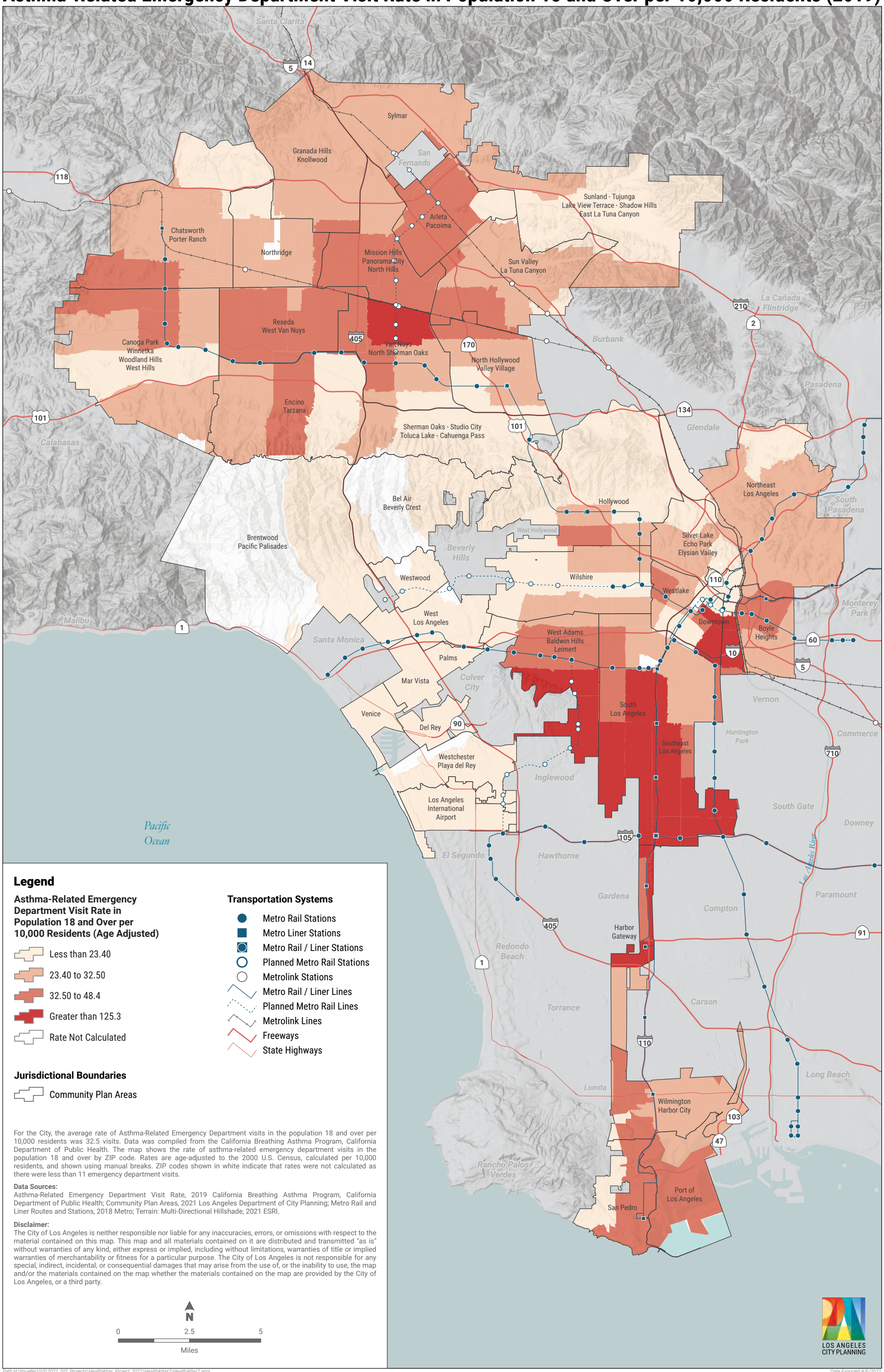
LOS ANGELES CITY PLANNING

Path H:\lmueller\GIS\2021_GIS_Projects\HealthAtlas_Project_2021\HealthAtlas2\HealthAtlas2.aprx

Date Exported 4/5/2022

Map 44

Asthma-Related Emergency Department Visit Rate in Population 18 and Over per 10,000 Residents (2019)



Legend

Asthma-Related Emergency Department Visit Rate in Population 18 and Over per 10,000 Residents (Age Adjusted)

- Less than 23.40
- 23.40 to 32.50
- 32.50 to 48.4
- Greater than 125.3
- Rate Not Calculated

Transportation Systems

- Metro Rail Stations
- Metro Liner Stations
- Metro Rail / Liner Stations
- Planned Metro Rail Stations
- Metrolink Stations
- Metro Rail / Liner Lines
- Planned Metro Rail Lines
- Metrolink Lines
- Freeways
- State Highways

Jurisdictional Boundaries

- Community Plan Areas

For the City, the average rate of Asthma-Related Emergency Department visits in the population 18 and over per 10,000 residents was 32.5 visits. Data was compiled from the California Breathing Asthma Program, California Department of Public Health. The map shows the rate of asthma-related emergency department visits in the population 18 and over by ZIP code. Rates are age-adjusted to the 2000 U.S. Census, calculated per 10,000 residents, and shown using manual breaks. ZIP codes shown in white indicate that rates were not calculated as there were less than 11 emergency department visits.

Data Sources:
Asthma-Related Emergency Department Visit Rate, 2019 California Breathing Asthma Program, California Department of Public Health; Community Plan Areas, 2021 Los Angeles Department of City Planning; Metro Rail and Liner Routes and Stations, 2018 Metro; Terrain: Multi-Directional Hillshade, 2021 ESRI.

Disclaimer:
The City of Los Angeles is neither responsible nor liable for any inaccuracies, errors, or omissions with respect to the material contained on this map. This map and all materials contained on it are distributed and transmitted "as is" without warranties of any kind, either express or implied, including without limitations, warranties of title or implied warranties of merchantability or fitness for a particular purpose. The City of Los Angeles is not responsible for any special, indirect, incidental, or consequential damages that may arise from the use of, or the inability to use, the map and/or the materials contained on the map whether the materials contained on the map are provided by the City of Los Angeles, or a third party.

N

0 2.5 5

Miles

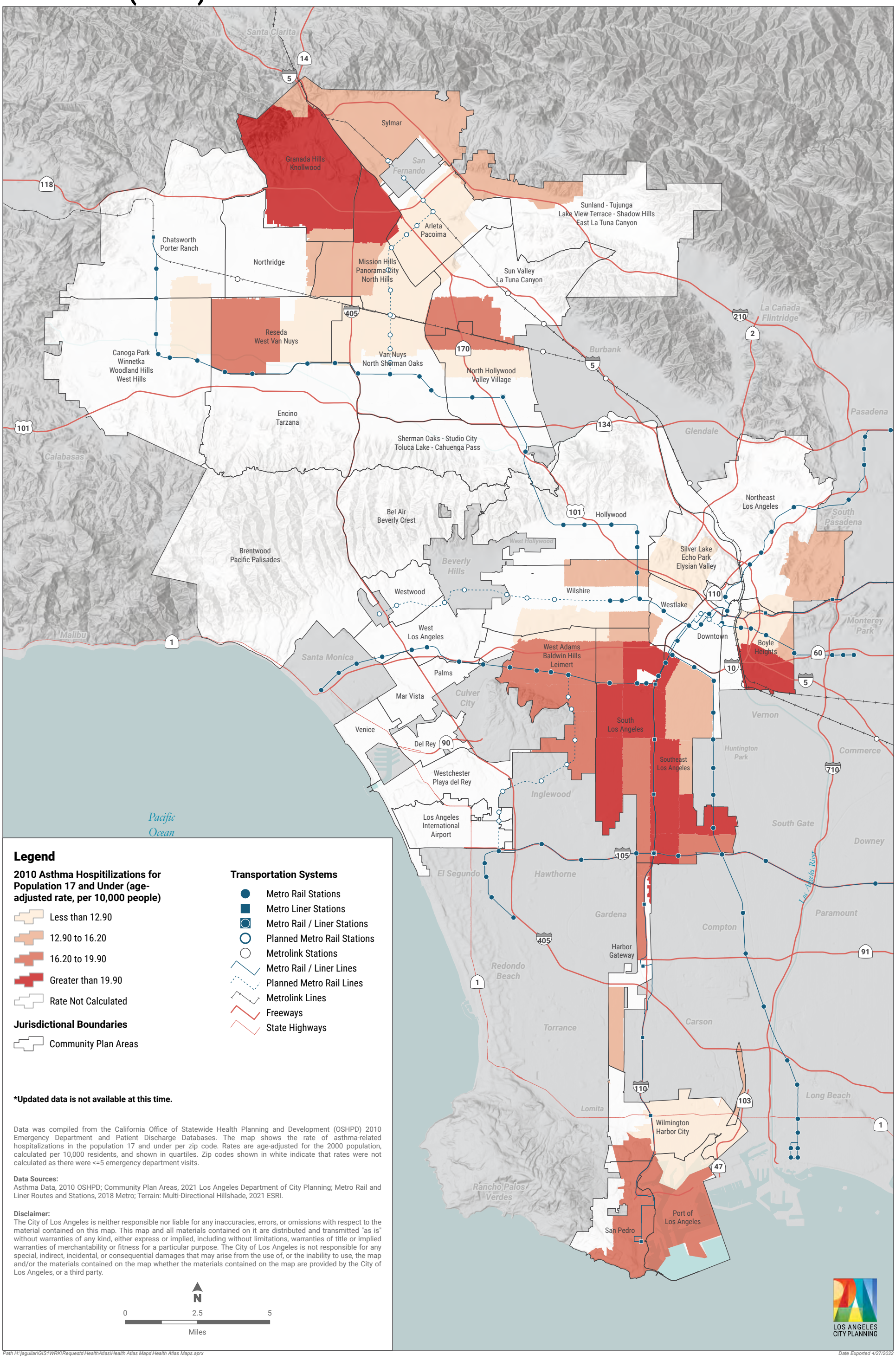
LOS ANGELES CITY PLANNING

Path H:\lmueller\GIS\2021_GIS_Projects\HealthAtlas_Project_2021\HealthAtlas2\HealthAtlas2.aprx

Date Exported 4/6/2022

Map 45

Asthma-Related Hospitilization Rate in Population 17 and Under per 10,000 Residents (2010)



Legend

2010 Asthma Hospitilizations for Population 17 and Under (age-adjusted rate, per 10,000 people)

- Less than 12.90
- 12.90 to 16.20
- 16.20 to 19.90
- Greater than 19.90
- Rate Not Calculated

Jurisdictional Boundaries

- Community Plan Areas

Transportation Systems

- Metro Rail Stations
- Metro Liner Stations
- Metro Rail / Liner Stations
- Planned Metro Rail Stations
- Metrolink Stations
- Metro Rail / Liner Lines
- Planned Metro Rail Lines
- Metrolink Lines
- Freeways
- State Highways

***Updated data is not available at this time.**

Data was compiled from the California Office of Statewide Health Planning and Development (OSHPD) 2010 Emergency Department and Patient Discharge Databases. The map shows the rate of asthma-related hospitalizations in the population 17 and under per zip code. Rates are age-adjusted for the 2000 population, calculated per 10,000 residents, and shown in quartiles. Zip codes shown in white indicate that rates were not calculated as there were <=5 emergency department visits.

Data Sources:
Asthma Data, 2010 OSHPD; Community Plan Areas, 2021 Los Angeles Department of City Planning; Metro Rail and Liner Routes and Stations, 2018 Metro; Terrain: Multi-Directional Hillshade, 2021 ESRI.

Disclaimer:
The City of Los Angeles is neither responsible nor liable for any inaccuracies, errors, or omissions with respect to the material contained on this map. This map and all materials contained on it are distributed and transmitted "as is" without warranties of any kind, either express or implied, including without limitations, warranties of title or implied warranties of merchantability or fitness for a particular purpose. The City of Los Angeles is not responsible for any special, indirect, incidental, or consequential damages that may arise from the use of, or the inability to use, the map and/or the materials contained on the map whether the materials contained on the map are provided by the City of Los Angeles, or a third party.

N

0 2.5 5

Miles

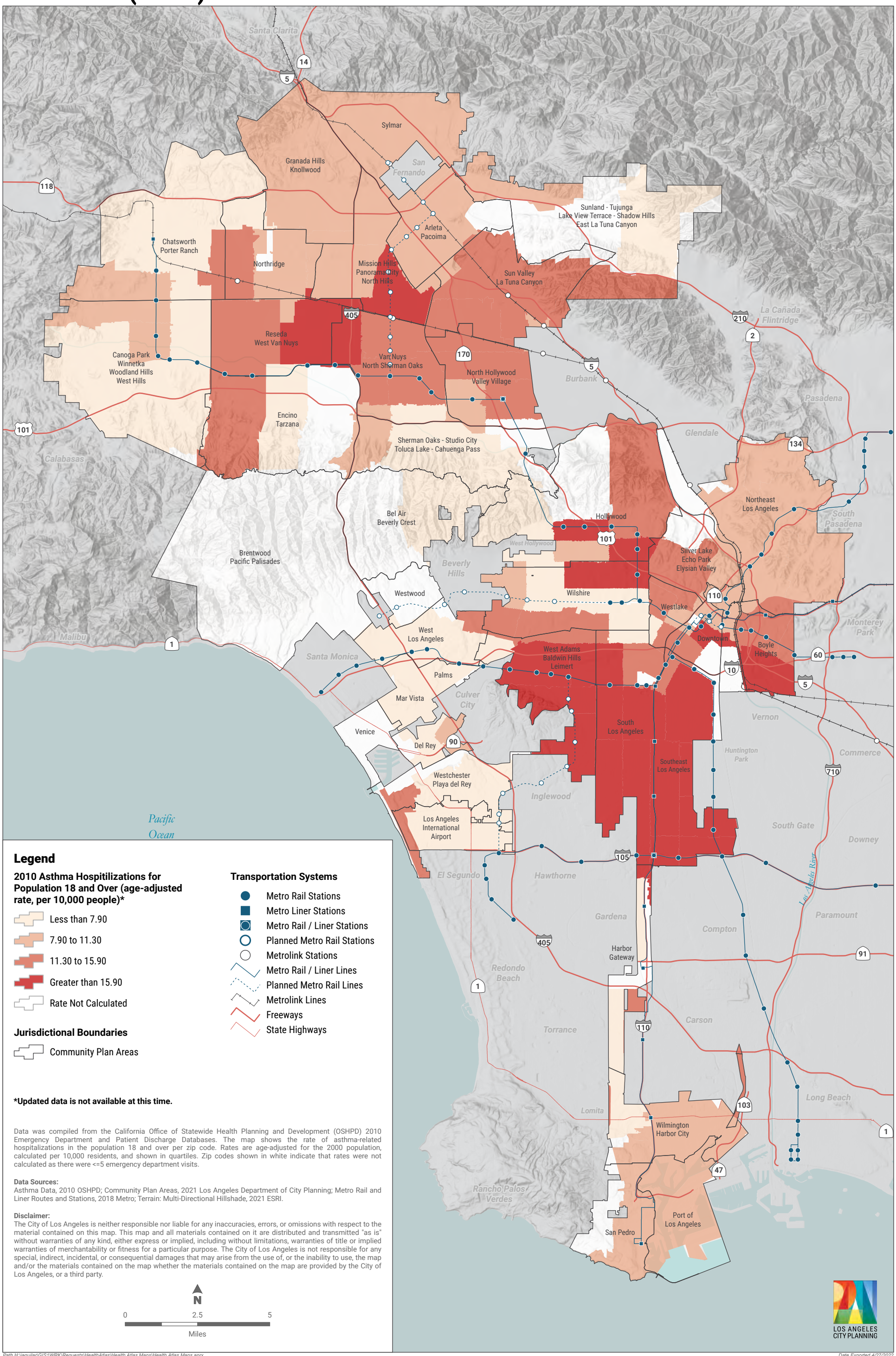
LOS ANGELES CITY PLANNING

Path H:\jaguilar\GIS1WRK\Requests\HealthAtlas\Health Atlas Maps\Health Atlas Maps.aprx

Date Exported 4/27/2022

Map 46

Asthma Related Hospitalization Rate in Population 18 and Over per 10, 000 Residents (2010)



*Updated data is not available at this time.

Data was compiled from the California Office of Statewide Health Planning and Development (OSHPD) 2010 Emergency Department and Patient Discharge Databases. The map shows the rate of asthma-related hospitalizations in the population 18 and over per zip code. Rates are age-adjusted for the 2000 population, calculated per 10,000 residents, and shown in quartiles. Zip codes shown in white indicate that rates were not calculated as there were <=5 emergency department visits.

Data Sources:
Asthma Data, 2010 OSHPD; Community Plan Areas, 2021 Los Angeles Department of City Planning; Metro Rail and Liner Routes and Stations, 2018 Metro; Terrain: Multi-Directional Hillshade, 2021 ESRI.

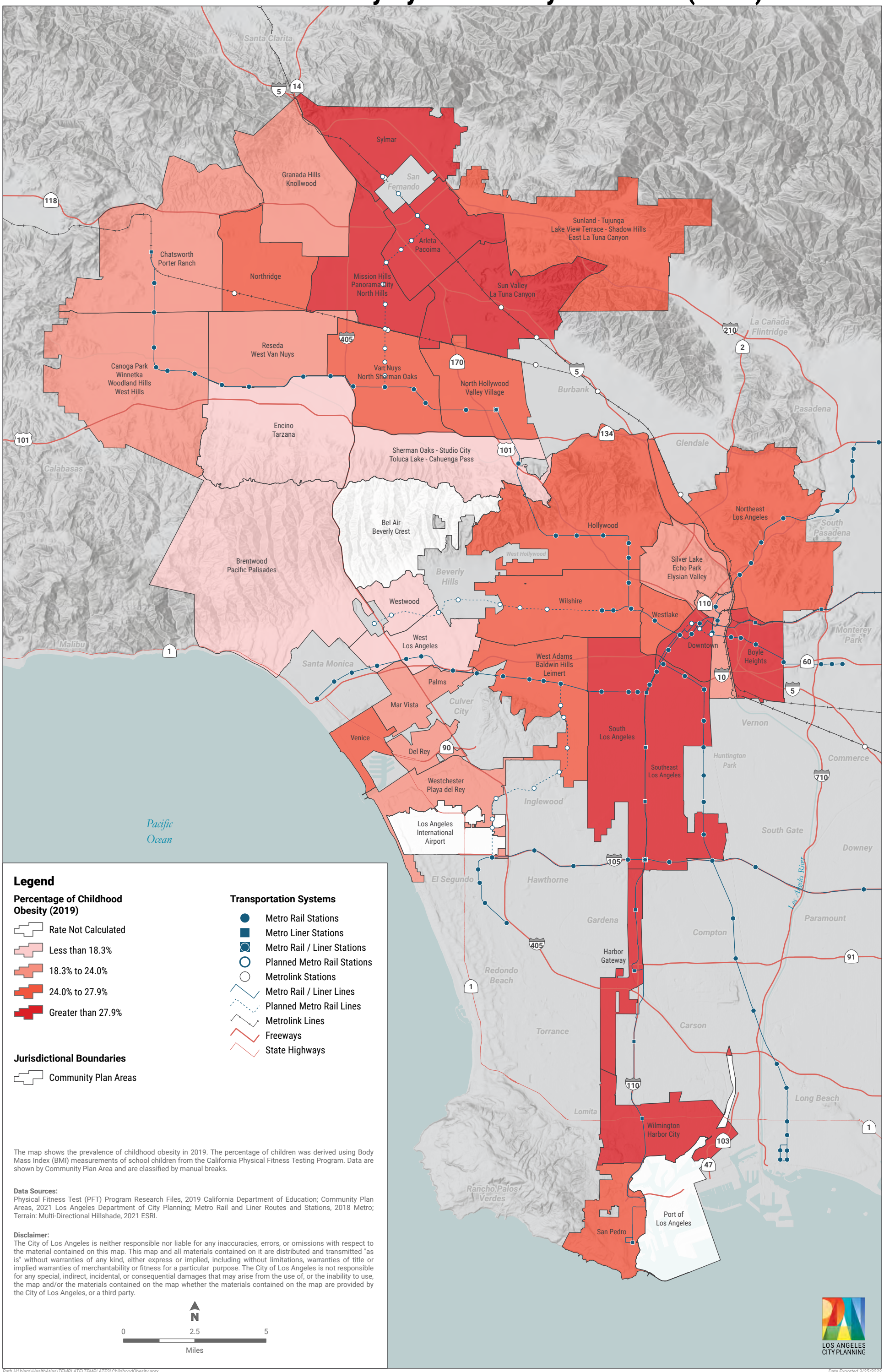
Disclaimer:
The City of Los Angeles is neither responsible nor liable for any inaccuracies, errors, or omissions with respect to the material contained on this map. This map and all materials contained on it are distributed and transmitted "as is" without warranties of any kind, either express or implied, including without limitations, warranties of title or implied warranties of merchantability or fitness for a particular purpose. The City of Los Angeles is not responsible for any special, indirect, incidental, or consequential damages that may arise from the use of, or the inability to use, the map and/or the materials contained on the map whether the materials contained on the map are provided by the City of Los Angeles, or a third party.

Path H:\jaguilar\GIS1WRK\Requests\HealthAtlas\Health Atlas Maps\Health Atlas Maps.aprx

Date Exported 4/27/2022

Map 47

Prevalence of Childhood Obesity by Community Plan Area (2019)



Legend

Percentage of Childhood Obesity (2019)

- Rate Not Calculated
- Less than 18.3%
- 18.3% to 24.0%
- 24.0% to 27.9%
- Greater than 27.9%

Transportation Systems

- Metro Rail Stations
- Metro Liner Stations
- Metro Rail / Liner Stations
- Planned Metro Rail Stations
- Metrolink Stations
- Metro Rail / Liner Lines
- Planned Metro Rail Lines
- Metrolink Lines
- Freeways
- State Highways

Jurisdictional Boundaries

- Community Plan Areas

The map shows the prevalence of childhood obesity in 2019. The percentage of children was derived using Body Mass Index (BMI) measurements of school children from the California Physical Fitness Testing Program. Data are shown by Community Plan Area and are classified by manual breaks.

Data Sources:
Physical Fitness Test (PFT) Program Research Files, 2019 California Department of Education; Community Plan Areas, 2021 Los Angeles Department of City Planning; Metro Rail and Liner Routes and Stations, 2018 Metro; Terrain: Multi-Directional Hillshade, 2021 ESRI.

Disclaimer:
The City of Los Angeles is neither responsible nor liable for any inaccuracies, errors, or omissions with respect to the material contained on this map. This map and all materials contained on it are distributed and transmitted "as is" without warranties of any kind, either express or implied, including without limitations, warranties of title or implied warranties of merchantability or fitness for a particular purpose. The City of Los Angeles is not responsible for any special, indirect, incidental, or consequential damages that may arise from the use of, or the inability to use, the map and/or the materials contained on the map whether the materials contained on the map are provided by the City of Los Angeles, or a third party.

N

0 2.5 5

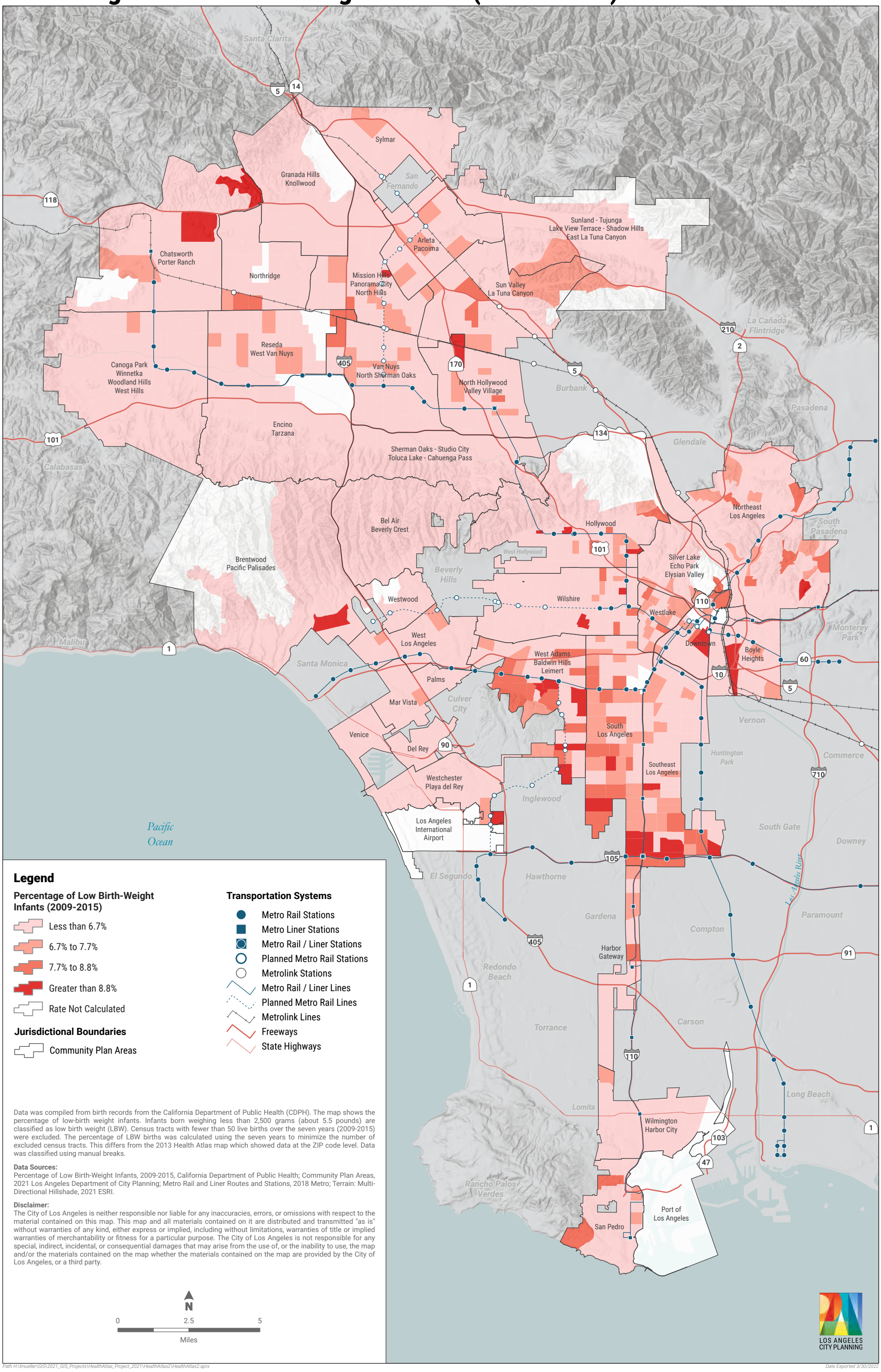
Miles

LOS ANGELES CITY PLANNING

Path H:\blam\HealthAtlas\TEMPLATE\TEMPLATES\ChildhoodObesity.aprx

Date Exported 3/25/2022

Map 48
Percentage of Low Birth-Weight Infants (2009-2015)



Legend

Percentage of Low Birth-Weight Infants (2009-2015)

- Less than 6.7%
- 6.7% to 7.7%
- 7.7% to 8.8%
- Greater than 8.8%
- Rate Not Calculated

Jurisdictional Boundaries

- Community Plan Areas

Transportation Systems

- Metro Rail Stations
- Metro Liner Stations
- Metro Rail / Liner Stations
- Planned Metro Rail Stations
- Metrolink Stations
- Metro Rail / Liner Lines
- Planned Metro Rail Lines
- Metrolink Lines
- Freeways
- State Highways

Data was compiled from birth records from the California Department of Public Health (CDPH). The map shows the percentage of low-birth weight infants. Infants born weighing less than 2,500 grams (about 5.5 pounds) are classified as low birth weight (LBW). Census tracts with fewer than 50 live births over the seven years (2009-2015) were excluded. The percentage of LBW births was calculated using the seven years to minimize the number of excluded census tracts. This differs from the 2013 Health Atlas map which showed data at the ZIP code level. Data was classified using manual breaks.

Data Sources:
Percentage of Low Birth-Weight Infants, 2009-2015, California Department of Public Health; Community Plan Areas, 2021 Los Angeles Department of City Planning; Metro Rail and Liner Routes and Stations, 2018 Metro; Terrain: Multi-Directional Hillshade, 2021 ESRI.

Disclaimer:
The City of Los Angeles is neither responsible nor liable for any inaccuracies, errors, or omissions with respect to the material contained on this map. This map and all materials contained on it are distributed and transmitted "as is" without warranties of any kind, either express or implied, including without limitations, warranties of title or implied warranties of merchantability or fitness for a particular purpose. The City of Los Angeles is not responsible for any special, indirect, incidental, or consequential damages that may arise from the use of, or the inability to use, the map and/or the materials contained on the map whether the materials contained on the map are provided by the City of Los Angeles, or a third party.

N

0 2.5 5

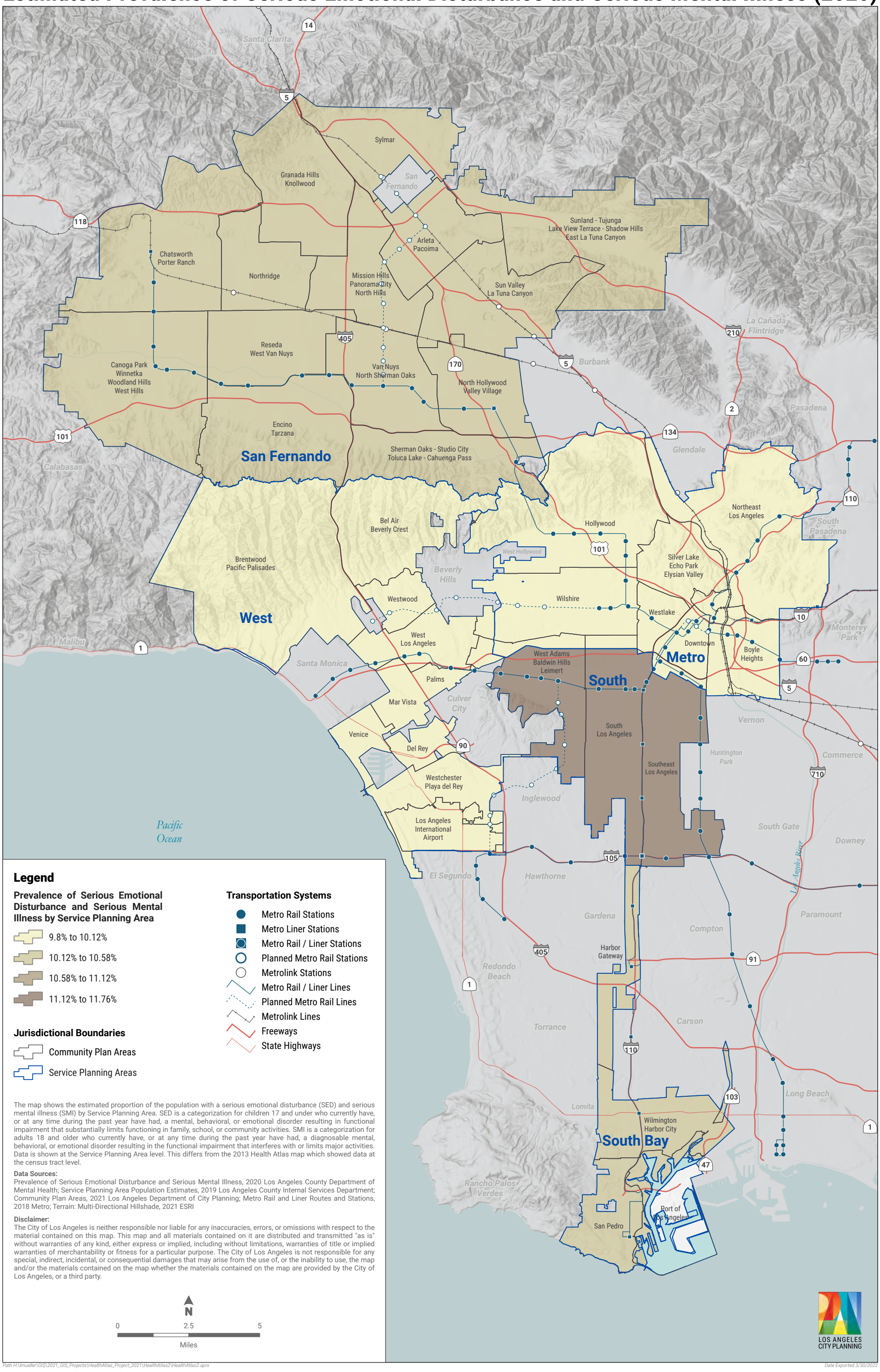
Miles

Path H:\lmueller\GIS\2021_GIS_Projects\HealthAtlas_Project_2021\HealthAtlas2\HealthAtlas2.aprx

Date Exported 3/30/2022

Map 49

Estimated Prevalence of Serious Emotional Disturbance and Serious Mental Illness (2020)



Legend

Prevalence of Serious Emotional Disturbance and Serious Mental Illness by Service Planning Area

- 9.8% to 10.12%
- 10.12% to 10.58%
- 10.58% to 11.12%
- 11.12% to 11.76%

Jurisdictional Boundaries

- Community Plan Areas
- Service Planning Areas

Transportation Systems

- Metro Rail Stations
- Metro Liner Stations
- Metro Rail / Liner Stations
- Planned Metro Rail Stations
- Metrolink Stations
- Metro Rail / Liner Lines
- Planned Metro Rail Lines
- Metrolink Lines
- Freeways
- State Highways

The map shows the estimated proportion of the population with a serious emotional disturbance (SED) and serious mental illness (SMI) by Service Planning Area. SED is a categorization for children 17 and under who currently have, or at any time during the past year have had, a mental, behavioral, or emotional disorder resulting in functional impairment that substantially limits functioning in family, school, or community activities. SMI is a categorization for adults 18 and older who currently have, or at any time during the past year have had, a diagnosable mental, behavioral, or emotional disorder resulting in the functional impairment that interferes with or limits major activities. Data is shown at the Service Planning Area level. This differs from the 2013 Health Atlas map which showed data at the census tract level.

Data Sources:
Prevalence of Serious Emotional Disturbance and Serious Mental Illness, 2020 Los Angeles County Department of Mental Health; Service Planning Area Population Estimates, 2019 Los Angeles County Internal Services Department; Community Plan Areas, 2021 Los Angeles Department of City Planning; Metro Rail and Liner Routes and Stations, 2018 Metro; Terrain: Multi-Directional Hillshade, 2021 ESRI

Disclaimer:
The City of Los Angeles is neither responsible nor liable for any inaccuracies, errors, or omissions with respect to the material contained on this map. This map and all materials contained on it are distributed and transmitted "as is" without warranties of any kind, either express or implied, including without limitations, warranties of title or implied warranties of merchantability or fitness for a particular purpose. The City of Los Angeles is not responsible for any special, indirect, incidental, or consequential damages that may arise from the use of, or the inability to use, the map and/or the materials contained on the map whether the materials contained on the map are provided by the City of Los Angeles, or a third party.

N

0 2.5 5

Miles

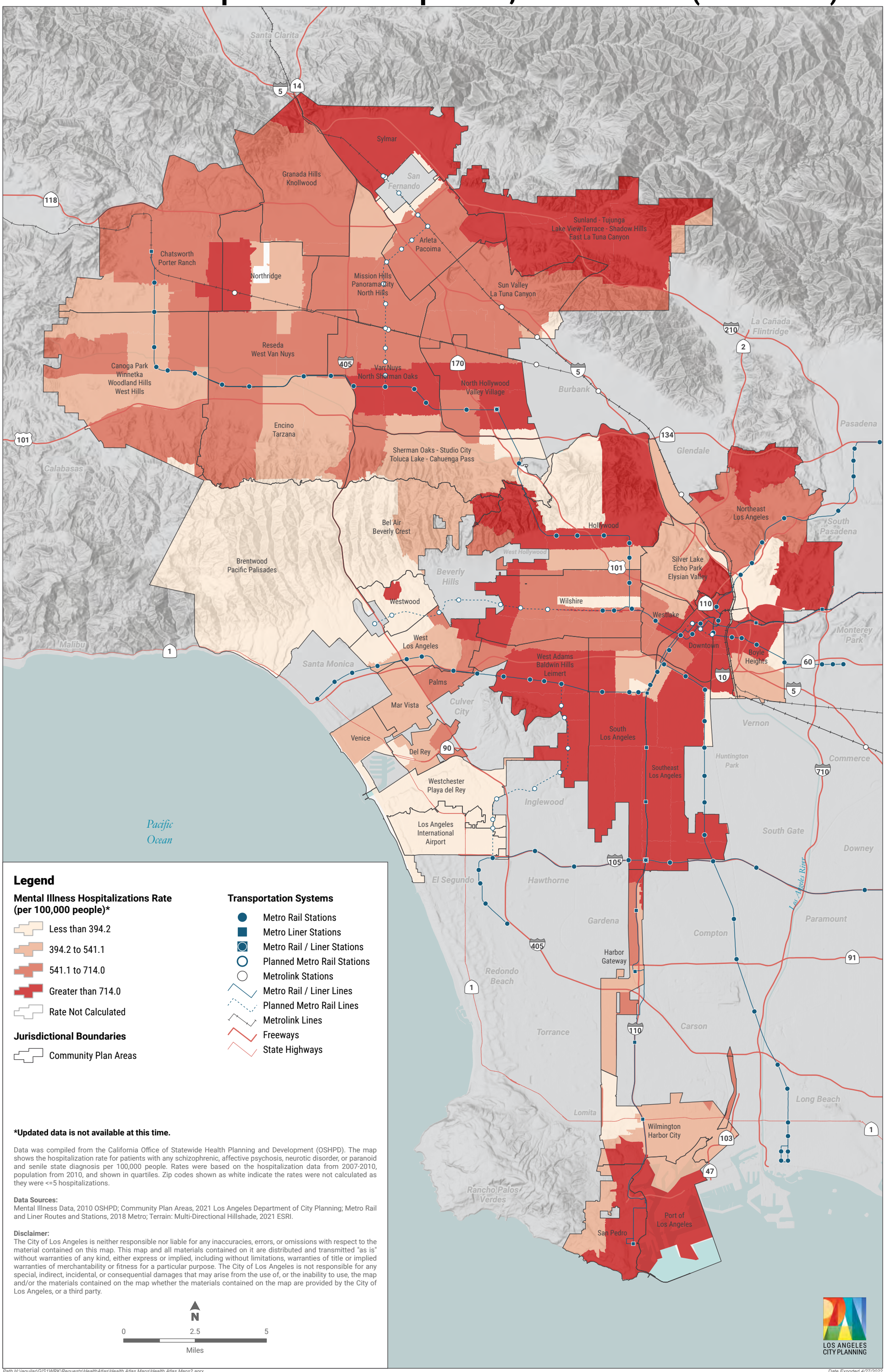
LOS ANGELES CITY PLANNING

Path H:\lmueller\GIS\2021_GIS_Projects\HealthAtlas_Project_2021\HealthAtlas2\HealthAtlas2.aprx

Date Exported 3/30/2022

Map 50

Mental Illness Hospitalization Rate per 100,000 Residents (2007-2010)



Legend

Mental Illness Hospitalizations Rate (per 100,000 people)*

- Less than 394.2
- 394.2 to 541.1
- 541.1 to 714.0
- Greater than 714.0
- Rate Not Calculated

Jurisdictional Boundaries

- Community Plan Areas

Transportation Systems

- Metro Rail Stations
- Metro Liner Stations
- Metro Rail / Liner Stations
- Planned Metro Rail Stations
- Metrolink Stations
- Metro Rail / Liner Lines
- Planned Metro Rail Lines
- Metrolink Lines
- Freeways
- State Highways

***Updated data is not available at this time.**

Data was compiled from the California Office of Statewide Health Planning and Development (OSHPD). The map shows the hospitalization rate for patients with any schizophrenic, affective psychosis, neurotic disorder, or paranoid and senile state diagnosis per 100,000 people. Rates were based on the hospitalization data from 2007-2010, population from 2010, and shown in quartiles. Zip codes shown as white indicate the rates were not calculated as they were <=5 hospitalizations.

Data Sources:
Mental Illness Data, 2010 OSHPD; Community Plan Areas, 2021 Los Angeles Department of City Planning; Metro Rail and Liner Routes and Stations, 2018 Metro; Terrain: Multi-Directional Hillshade, 2021 ESRI.

Disclaimer:
The City of Los Angeles is neither responsible nor liable for any inaccuracies, errors, or omissions with respect to the material contained on this map. This map and all materials contained on it are distributed and transmitted "as is" without warranties of any kind, either express or implied, including without limitations, warranties of title or implied warranties of merchantability or fitness for a particular purpose. The City of Los Angeles is not responsible for any special, indirect, incidental, or consequential damages that may arise from the use of, or the inability to use, the map and/or the materials contained on the map whether the materials contained on the map are provided by the City of Los Angeles, or a third party.

N

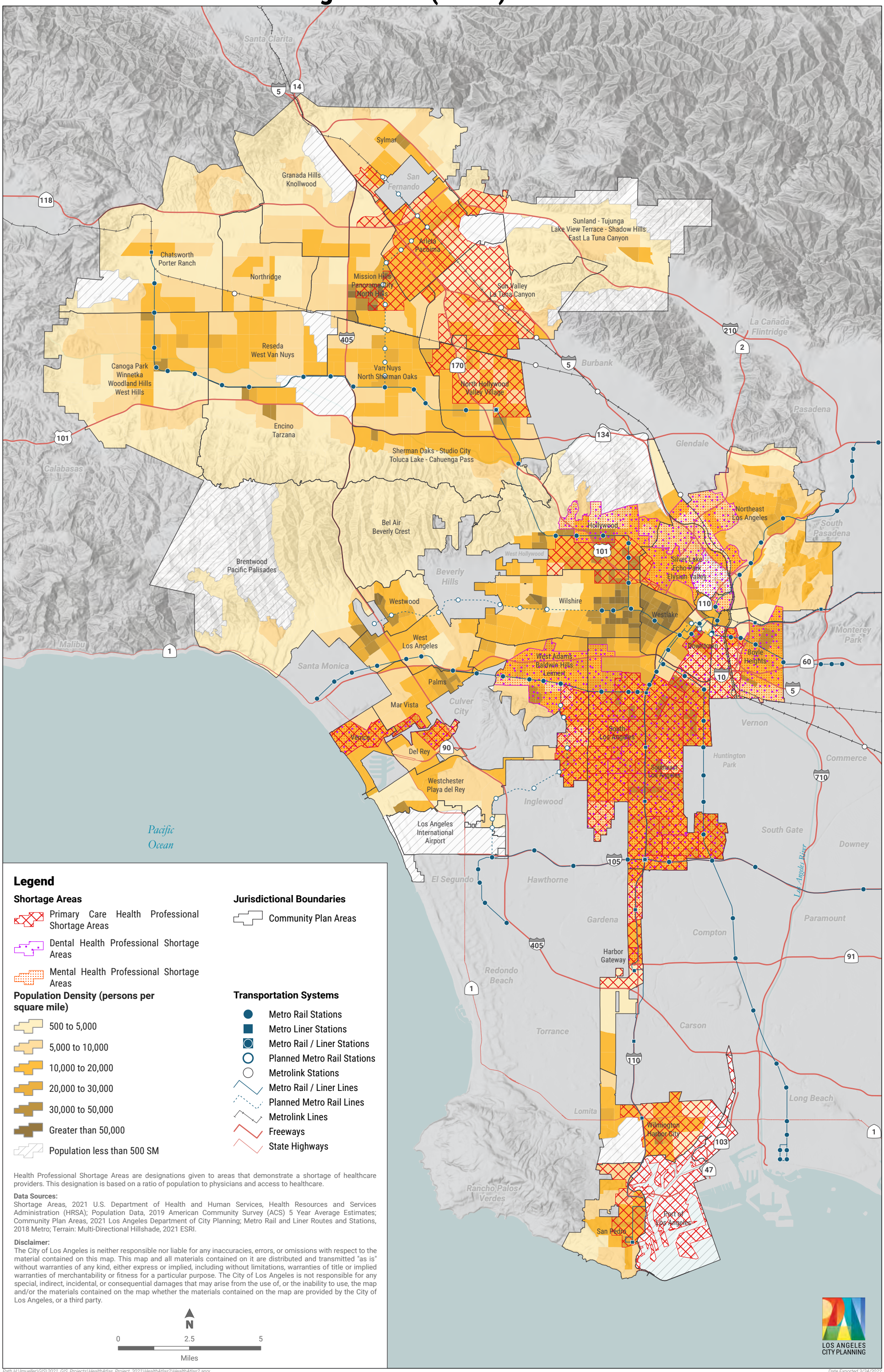
0 2.5 5

Miles

Path H:\jaguilar\GIS1WRK\Requests\HealthAtlas\Health Atlas Maps\Health Atlas Maps2.aprx

Date Exported 4/27/2022

Map 51
Health Professional Shortage Areas (2021)



Legend

Shortage Areas

- Primary Care Health Professional Shortage Areas
- Dental Health Professional Shortage Areas
- Mental Health Professional Shortage Areas

Population Density (persons per square mile)

- 500 to 5,000
- 5,000 to 10,000
- 10,000 to 20,000
- 20,000 to 30,000
- 30,000 to 50,000
- Greater than 50,000
- Population less than 500 SM

Jurisdictional Boundaries

- Community Plan Areas

Transportation Systems

- Metro Rail Stations
- Metro Liner Stations
- Metro Rail / Liner Stations
- Planned Metro Rail Stations
- Metrolink Stations
- Metro Rail / Liner Lines
- Planned Metro Rail Lines
- Metrolink Lines
- Freeways
- State Highways

Health Professional Shortage Areas are designations given to areas that demonstrate a shortage of healthcare providers. This designation is based on a ratio of population to physicians and access to healthcare.

Data Sources:
Shortage Areas, 2021 U.S. Department of Health and Human Services, Health Resources and Services Administration (HRSA); Population Data, 2019 American Community Survey (ACS) 5 Year Average Estimates; Community Plan Areas, 2021 Los Angeles Department of City Planning; Metro Rail and Liner Routes and Stations, 2018 Metro; Terrain: Multi-Directional Hillshade, 2021 ESRI.

Disclaimer:
The City of Los Angeles is neither responsible nor liable for any inaccuracies, errors, or omissions with respect to the material contained on this map. This map and all materials contained on it are distributed and transmitted "as is" without warranties of any kind, either express or implied, including without limitations, warranties of title or implied warranties of merchantability or fitness for a particular purpose. The City of Los Angeles is not responsible for any special, indirect, incidental, or consequential damages that may arise from the use of, or the inability to use, the map and/or the materials contained on the map whether the materials contained on the map are provided by the City of Los Angeles, or a third party.

N

0 2.5 5

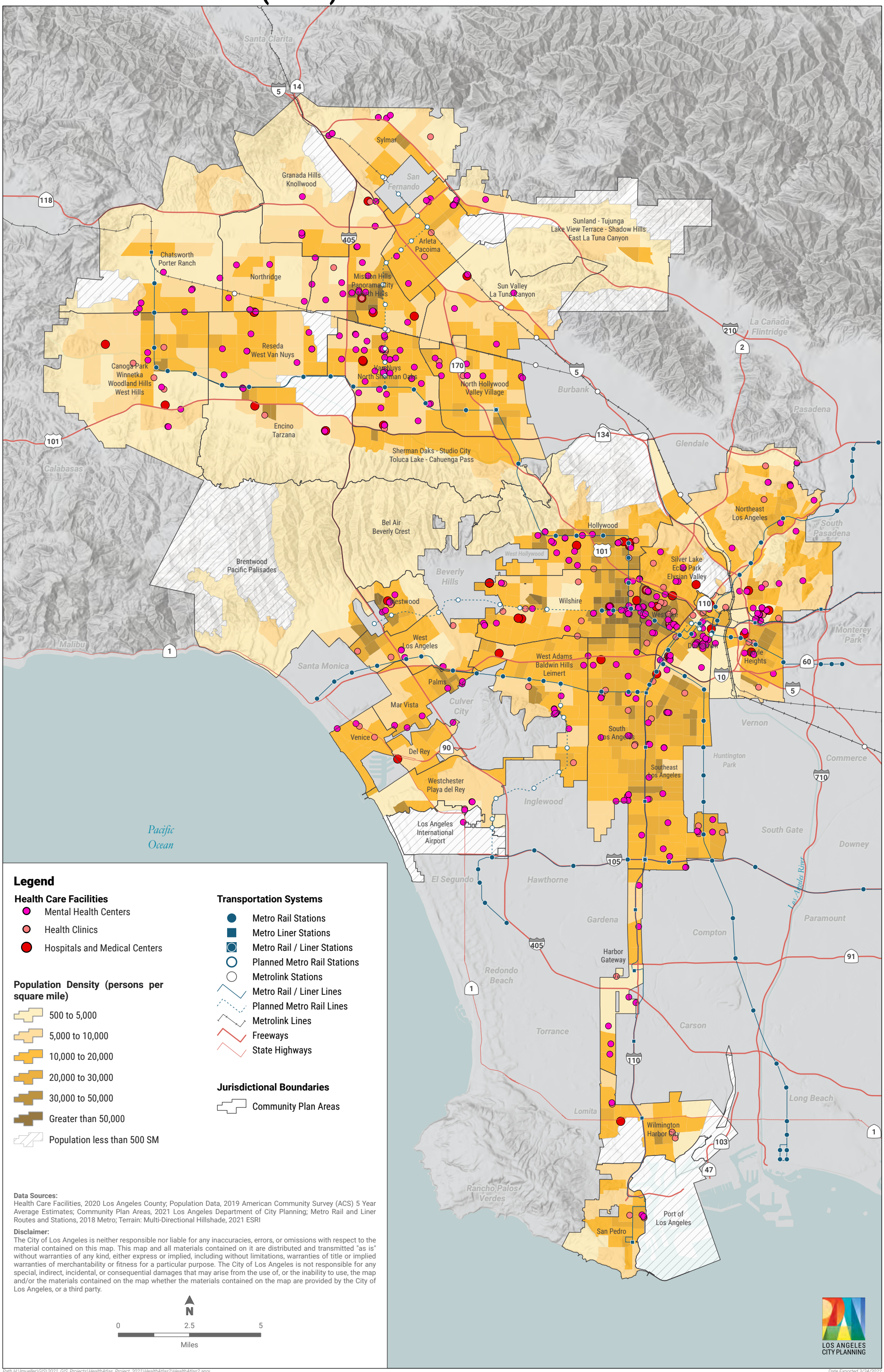
Miles

LOS ANGELES CITY PLANNING

Path H:\lmueller\GIS\2021_GIS_Projects\HealthAtlas_Project_2021\HealthAtlas2\HealthAtlas2.aprx

Date Exported 3/24/2022

Map 52
Health Care Facilities (2020)



Legend

Health Care Facilities
- Mental Health Centers
- Health Clinics
- Hospitals and Medical Centers

Population Density (persons per square mile)
- 500 to 5,000
- 5,000 to 10,000
- 10,000 to 20,000
- 20,000 to 30,000
- 30,000 to 50,000
- Greater than 50,000
- Population less than 500 SM

Transportation Systems
- Metro Rail Stations
- Metro Liner Stations
- Metro Rail / Liner Stations
- Planned Metro Rail Stations
- Metrolink Stations
- Metro Rail / Liner Lines
- Planned Metro Rail Lines
- Metrolink Lines
- Freeways
- State Highways

Jurisdictional Boundaries
- Community Plan Areas

Data Sources:
Health Care Facilities, 2020 Los Angeles County; Population Data, 2019 American Community Survey (ACS) 5 Year Average Estimates; Community Plan Areas, 2021 Los Angeles Department of City Planning; Metro Rail and Liner Routes and Stations, 2018 Metro; Terrain: Multi-Directional Hillshade, 2021 ESRI

Disclaimer:
The City of Los Angeles is neither responsible nor liable for any inaccuracies, errors, or omissions with respect to the material contained on this map. This map and all materials contained on it are distributed and transmitted "as is" without warranties of any kind, either express or implied, including without limitations, warranties of title or implied warranties of merchantability or fitness for a particular purpose. The City of Los Angeles is not responsible for any special, indirect, incidental, or consequential damages that may arise from the use of, or the inability to use, the map and/or the materials contained on the map whether the materials contained on the map are provided by the City of Los Angeles, or a third party.

N

0 2.5 5

Miles

Path H:\lmueller\GIS\2021_GIS_Projects\HealthAtlas_Project_2021\HealthAtlas2\HealthAtlas2.aprx

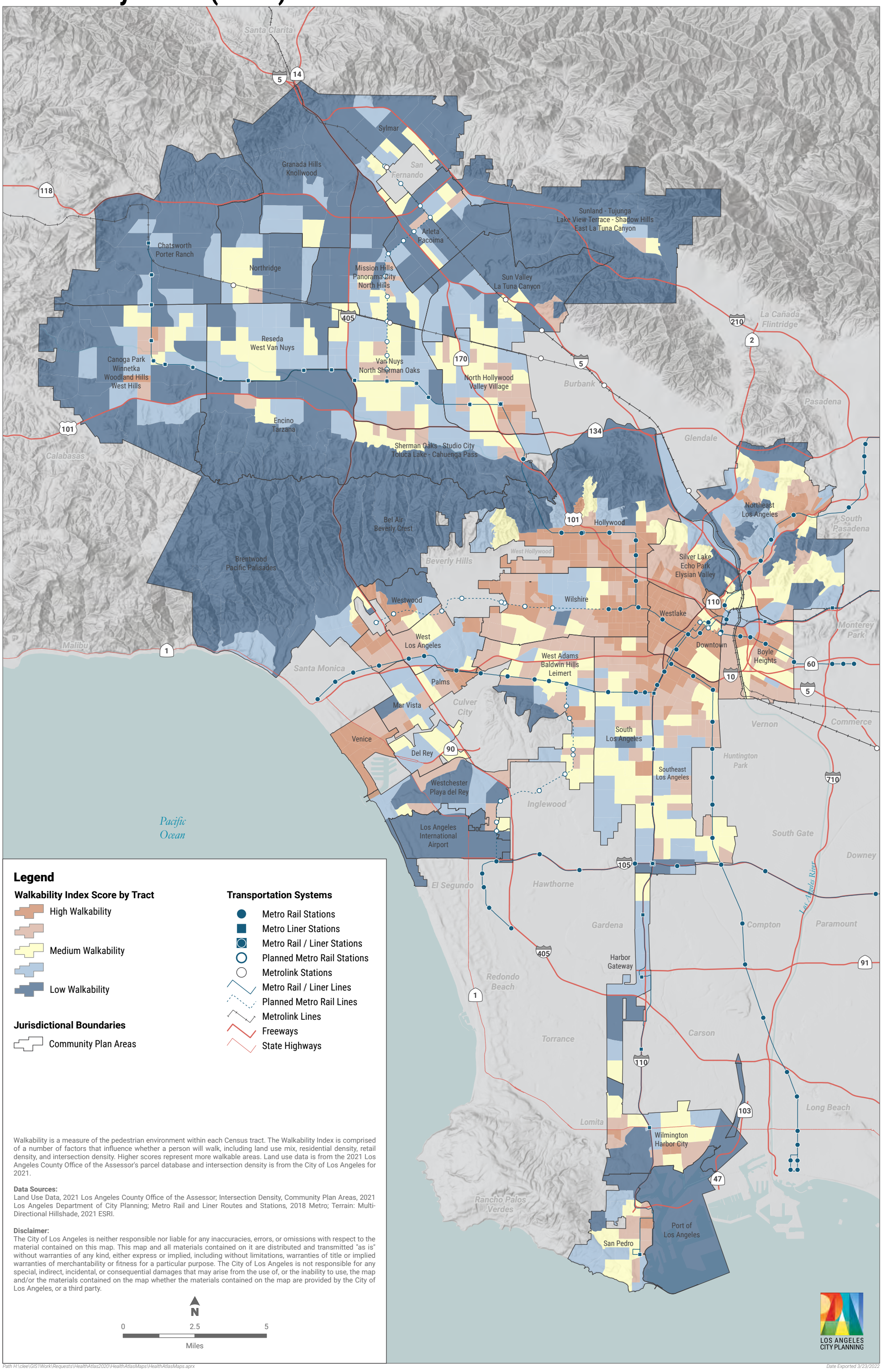
Date Exported 3/24/2022

THIS PAGE IS INTENTIONALLY LEFT BLANK

LAND USE

Chapter 7

Map 53
Walkability Index (2021)



Legend

Walkability Index Score by Tract

- High Walkability
- Medium Walkability
- Low Walkability

Jurisdictional Boundaries

- Community Plan Areas

Transportation Systems

- Metro Rail Stations
- Metro Liner Stations
- Metro Rail / Liner Stations
- Planned Metro Rail Stations
- Metrolink Stations
- Metro Rail / Liner Lines
- Planned Metro Rail Lines
- Metrolink Lines
- Freeways
- State Highways

Walkability is a measure of the pedestrian environment within each Census tract. The Walkability Index is comprised of a number of factors that influence whether a person will walk, including land use mix, residential density, retail density, and intersection density. Higher scores represent more walkable areas. Land use data is from the 2021 Los Angeles County Office of the Assessor's parcel database and intersection density is from the City of Los Angeles for 2021.

Data Sources:
Land Use Data, 2021 Los Angeles County Office of the Assessor; Intersection Density, Community Plan Areas, 2021 Los Angeles Department of City Planning; Metro Rail and Liner Routes and Stations, 2018 Metro; Terrain: Multi-Directional Hillshade, 2021 ESRI.

Disclaimer:
The City of Los Angeles is neither responsible nor liable for any inaccuracies, errors, or omissions with respect to the material contained on this map. This map and all materials contained on it are distributed and transmitted "as is" without warranties of any kind, either express or implied, including without limitations, warranties of title or implied warranties of merchantability or fitness for a particular purpose. The City of Los Angeles is not responsible for any special, indirect, incidental, or consequential damages that may arise from the use of, or the inability to use, the map and/or the materials contained on the map whether the materials contained on the map are provided by the City of Los Angeles, or a third party.

N

0 2.5 5

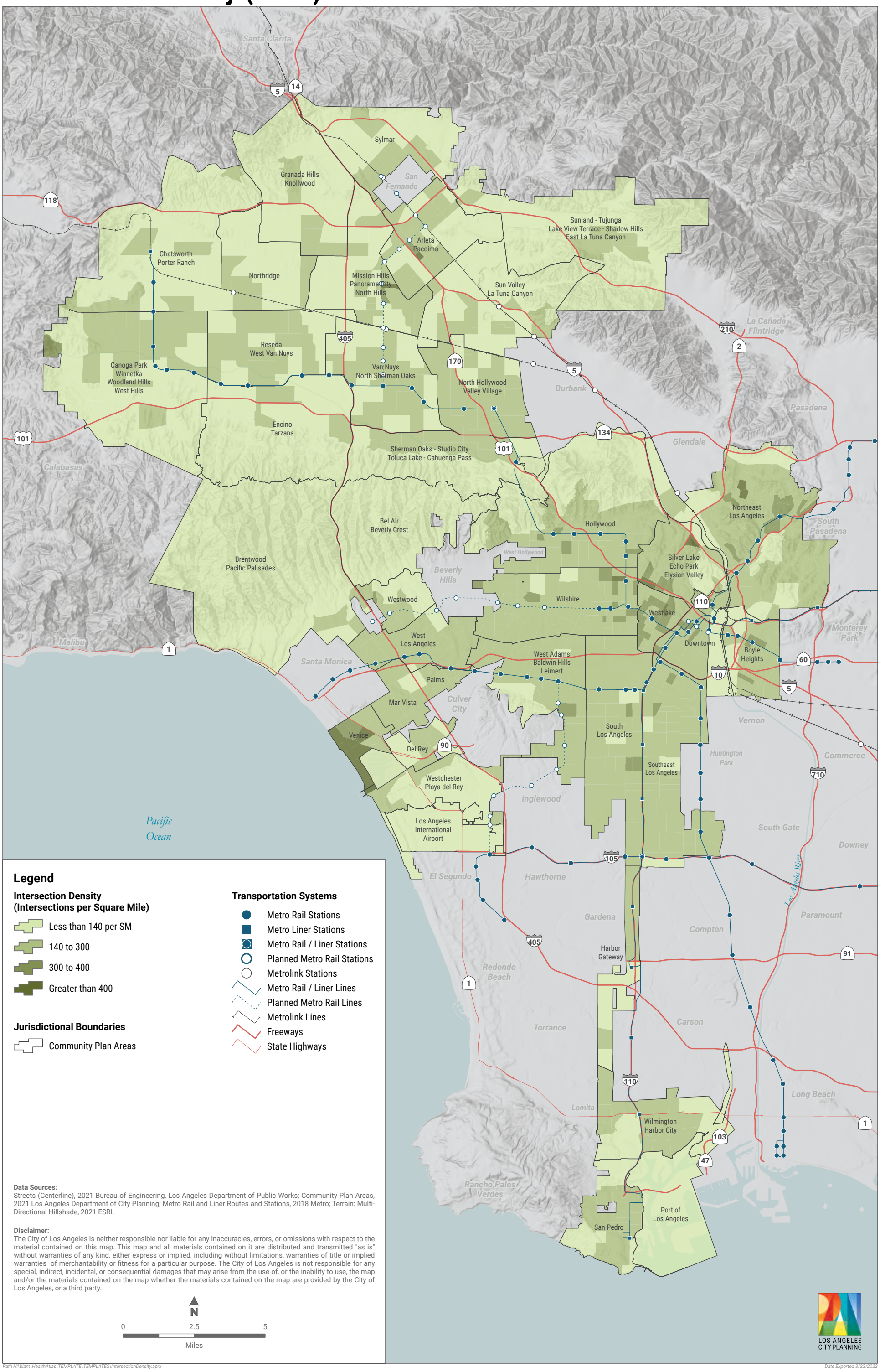
Miles

LOS ANGELES CITY PLANNING

Path H:\clee\GIS1Work\Requests\HealthAtlas2020\HealthAtlasMaps\HealthAtlasMaps.aprx

Date Exported 3/23/2022

Map 54
Intersection Density (2021)



Legend

Intersection Density (Intersections per Square Mile)

- Less than 140 per SM
- 140 to 300
- 300 to 400
- Greater than 400

Jurisdictional Boundaries

- Community Plan Areas

Transportation Systems

- Metro Rail Stations
- Metro Liner Stations
- Metro Rail / Liner Stations
- Planned Metro Rail Stations
- Metrolink Stations
- Metro Rail / Liner Lines
- Planned Metro Rail Lines
- Metrolink Lines
- Freeways
- State Highways

Data Sources:
Streets (Centerline), 2021 Bureau of Engineering, Los Angeles Department of Public Works; Community Plan Areas, 2021 Los Angeles Department of City Planning; Metro Rail and Liner Routes and Stations, 2018 Metro; Terrain: Multi-Directional Hillshade, 2021 ESRI.

Disclaimer:
The City of Los Angeles is neither responsible nor liable for any inaccuracies, errors, or omissions with respect to the material contained on this map. This map and all materials contained on it are distributed and transmitted "as is" without warranties of any kind, either express or implied, including without limitations, warranties of title or implied warranties of merchantability or fitness for a particular purpose. The City of Los Angeles is not responsible for any special, indirect, incidental, or consequential damages that may arise from the use of, or the inability to use, the map and/or the materials contained on the map whether the materials contained on the map are provided by the City of Los Angeles, or a third party.

N

0 2.5 5

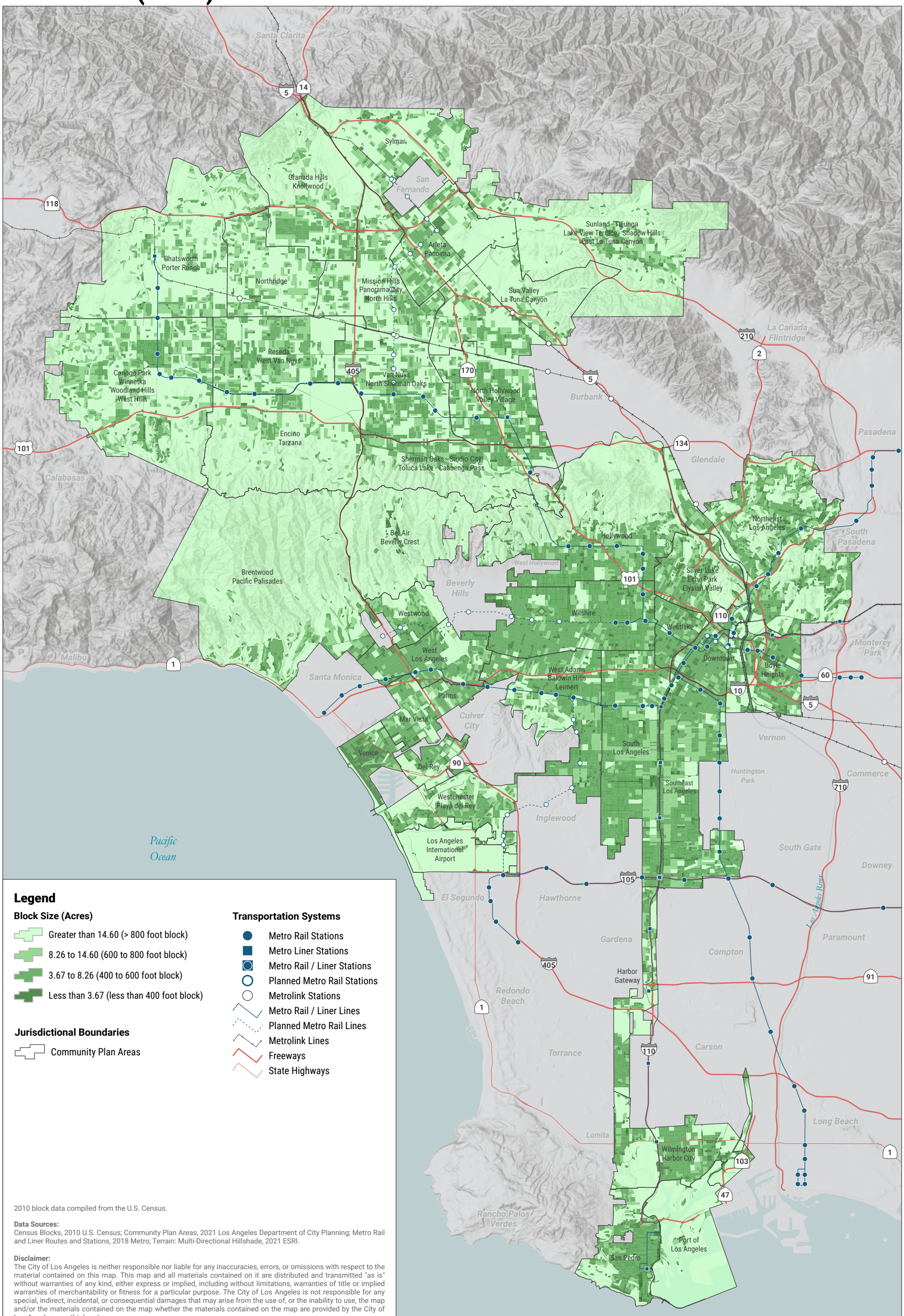
Miles

LOS ANGELES CITY PLANNING

Path H:\blam\HealthAtlas\TEMPLATE\TEMPLATES\IntersectionDensity.aprx

Date Exported 3/22/2022

Map 55
Block Size (2010)



Legend

Block Size (Acres)

- Greater than 14.60 (> 800 foot block)
- 8.26 to 14.60 (600 to 800 foot block)
- 3.67 to 8.26 (400 to 600 foot block)
- Less than 3.67 (less than 400 foot block)

Jurisdictional Boundaries

- Community Plan Areas

Transportation Systems

- Metro Rail Stations
- Metro Liner Stations
- Metro Rail / Liner Stations
- Planned Metro Rail Stations
- Metrolink Stations
- Metro Rail / Liner Lines
- Planned Metro Rail Lines
- Metrolink Lines
- Freeways
- State Highways

2010 block data compiled from the U.S. Census.

Data Sources:
Census Blocks, 2010 U.S. Census; Community Plan Areas, 2021 Los Angeles Department of City Planning; Metro Rail and Liner Routes and Stations, 2018 Metro; Terrain: Multi-Directional Hillshade, 2021 ESRI.

Disclaimer:
The City of Los Angeles is neither responsible nor liable for any inaccuracies, errors, or omissions with respect to the material contained on this map. This map and all materials contained on it are distributed and transmitted "as is" without warranties of any kind, either express or implied, including without limitations, warranties of title or implied warranties of merchantability or fitness for a particular purpose. The City of Los Angeles is not responsible for any special, indirect, incidental, or consequential damages that may arise from the use of, or the inability to use, the map and/or the materials contained on the map whether the materials contained on the map are provided by the City of Los Angeles, or a third party.

N

0 2.5 5

Miles

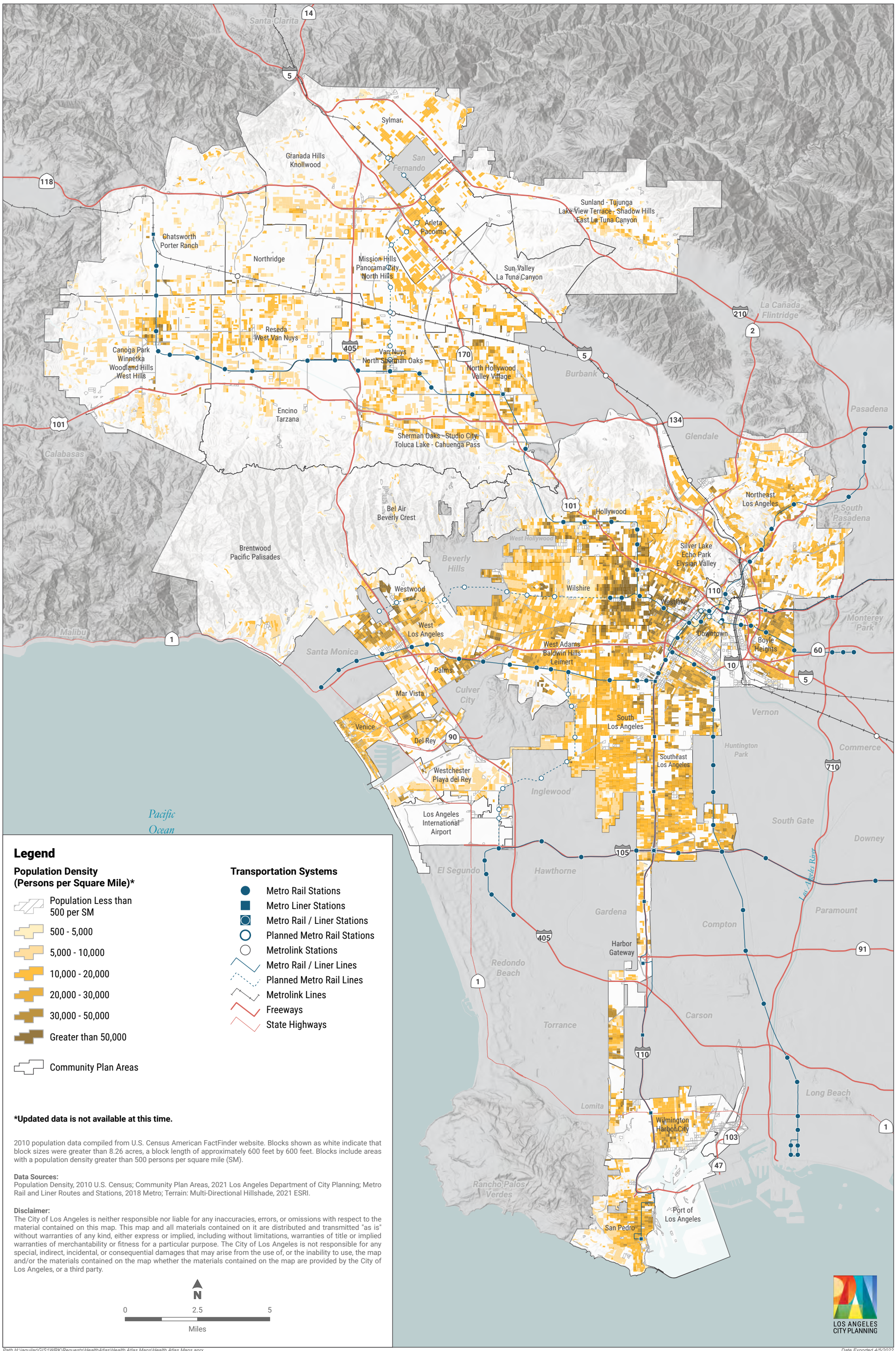
LOS ANGELES CITY PLANNING

Path H:\jaguilar\GIS1WRK\Requests\HealthAtlas\Health Atlas Maps\Health Atlas Maps.aprx

Date Exported 4/27/2022

Map 56

Population Density on Blocks Smaller than 8.26 Acres, 600 Foot Block Lengths (2010)



Legend

Population Density (Persons per Square Mile)*

- Population Less than 500 per SM
- 500 - 5,000
- 5,000 - 10,000
- 10,000 - 20,000
- 20,000 - 30,000
- 30,000 - 50,000
- Greater than 50,000
- Community Plan Areas

Transportation Systems

- Metro Rail Stations
- Metro Liner Stations
- Metro Rail / Liner Stations
- Planned Metro Rail Stations
- Metrolink Stations
- Metro Rail / Liner Lines
- Planned Metro Rail Lines
- Metrolink Lines
- Freeways
- State Highways

***Updated data is not available at this time.**

2010 population data compiled from U.S. Census American FactFinder website. Blocks shown as white indicate that block sizes were greater than 8.26 acres, a block length of approximately 600 feet by 600 feet. Blocks include areas with a population density greater than 500 persons per square mile (SM).

Data Sources:
Population Density, 2010 U.S. Census; Community Plan Areas, 2021 Los Angeles Department of City Planning; Metro Rail and Liner Routes and Stations, 2018 Metro; Terrain: Multi-Directional Hillshade, 2021 ESRI.

Disclaimer:
The City of Los Angeles is neither responsible nor liable for any inaccuracies, errors, or omissions with respect to the material contained on this map. This map and all materials contained on it are distributed and transmitted "as is" without warranties of any kind, either express or implied, including without limitations, warranties of title or implied warranties of merchantability or fitness for a particular purpose. The City of Los Angeles is not responsible for any special, indirect, incidental, or consequential damages that may arise from the use of, or the inability to use, the map and/or the materials contained on the map whether the materials contained on the map are provided by the City of Los Angeles, or a third party.

N

0 2.5 5

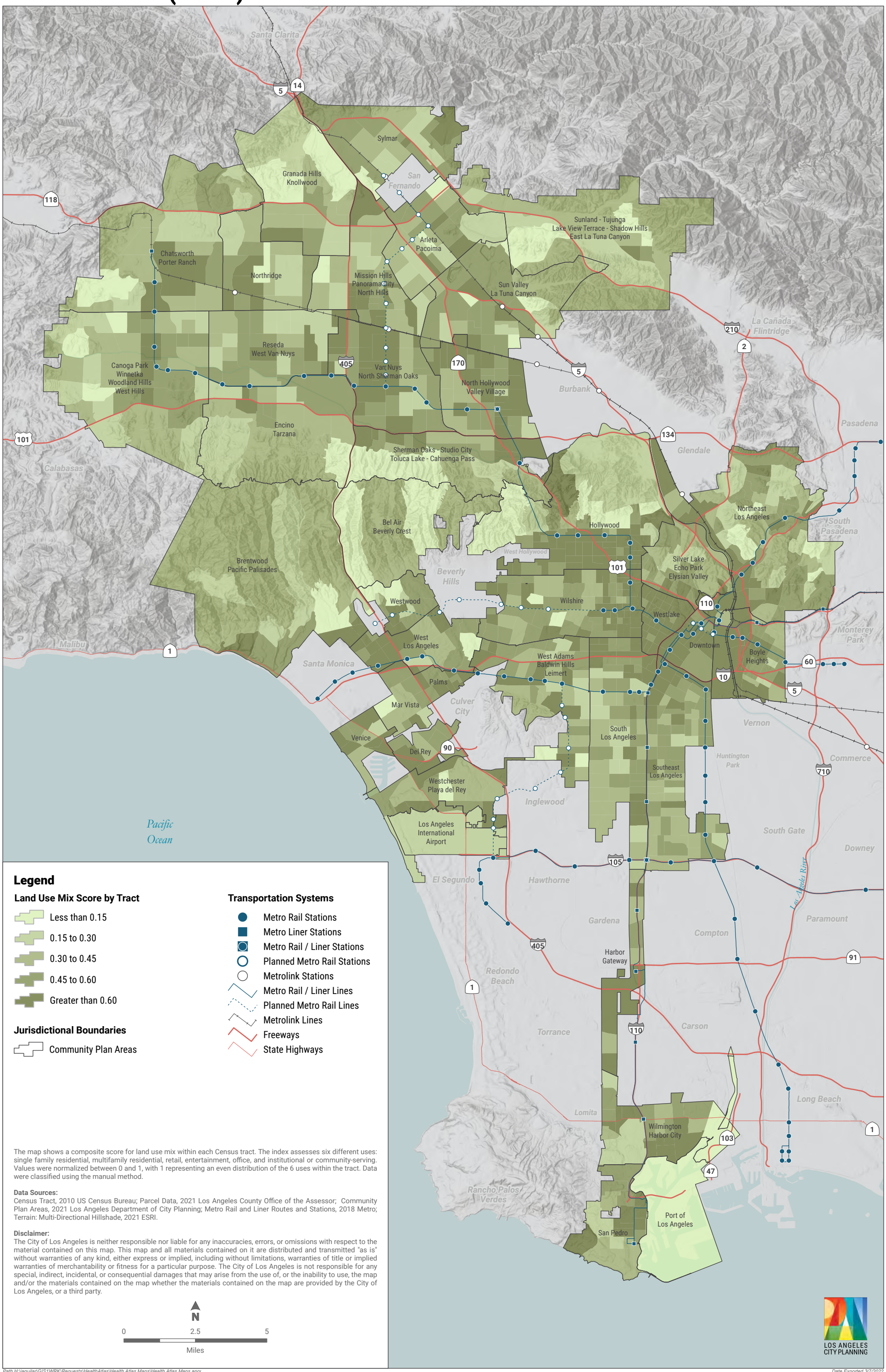
Miles

LOS ANGELES CITY PLANNING

Path H:\jaguilar\GIS1WRK\Requests\HealthAtlas\Health Atlas Maps\Health Atlas Maps.aprx

Date Exported 4/5/2022

Map 57
Land Use Mix (2021)



Legend

Land Use Mix Score by Tract

- Less than 0.15
- 0.15 to 0.30
- 0.30 to 0.45
- 0.45 to 0.60
- Greater than 0.60

Jurisdictional Boundaries

- Community Plan Areas

Transportation Systems

- Metro Rail Stations
- Metro Liner Stations
- Metro Rail / Liner Stations
- Planned Metro Rail Stations
- Metrolink Stations
- Metro Rail / Liner Lines
- Planned Metro Rail Lines
- Metrolink Lines
- Freeways
- State Highways

The map shows a composite score for land use mix within each Census tract. The index assesses six different uses: single family residential, multifamily residential, retail, entertainment, office, and institutional or community-serving. Values were normalized between 0 and 1, with 1 representing an even distribution of the 6 uses within the tract. Data were classified using the manual method.

Data Sources:
Census Tract, 2010 US Census Bureau; Parcel Data, 2021 Los Angeles County Office of the Assessor; Community Plan Areas, 2021 Los Angeles Department of City Planning; Metro Rail and Liner Routes and Stations, 2018 Metro; Terrain: Multi-Directional Hillshade, 2021 ESRI.

Disclaimer:
The City of Los Angeles is neither responsible nor liable for any inaccuracies, errors, or omissions with respect to the material contained on this map. This map and all materials contained on it are distributed and transmitted "as is" without warranties of any kind, either express or implied, including without limitations, warranties of title or implied warranties of merchantability or fitness for a particular purpose. The City of Los Angeles is not responsible for any special, indirect, incidental, or consequential damages that may arise from the use of, or the inability to use, the map and/or the materials contained on the map whether the materials contained on the map are provided by the City of Los Angeles, or a third party.

N

0 2.5 5

Miles

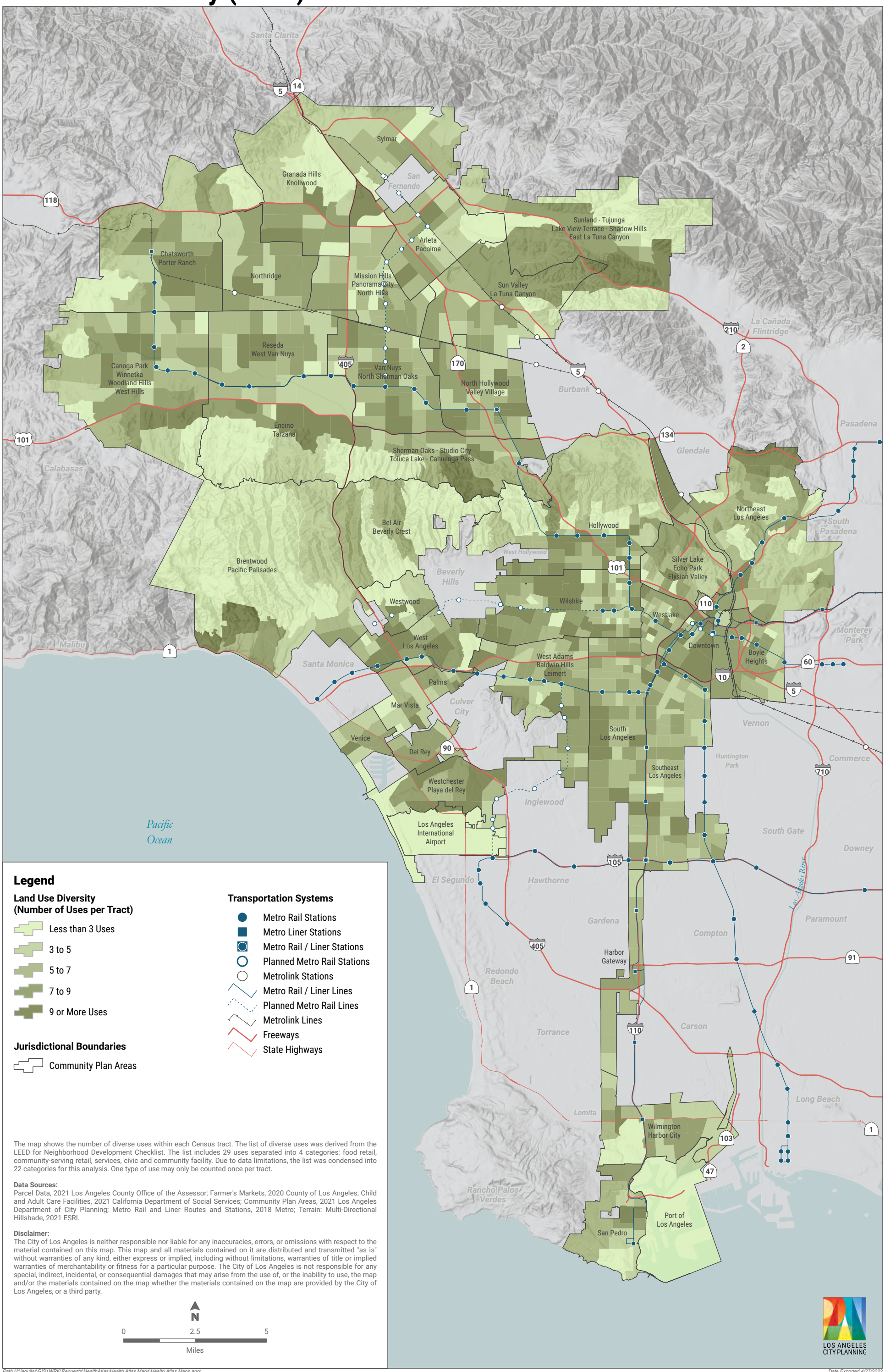
LOS ANGELES CITY PLANNING

Path H:\jaguilar\GIS1WRK\Requests\HealthAtlas\Health Atlas Maps\Health Atlas Maps.aprx

Date Exported 3/7/2022

Map 58

Land Use Diversity (2021)



Legend

Land Use Diversity (Number of Uses per Tract)

- Less than 3 Uses
- 3 to 5
- 5 to 7
- 7 to 9
- 9 or More Uses

Jurisdictional Boundaries

- Community Plan Areas

Transportation Systems

- Metro Rail Stations
- Metro Liner Stations
- Metro Rail / Liner Stations
- Planned Metro Rail Stations
- Metrolink Stations
- Metro Rail / Liner Lines
- Planned Metro Rail Lines
- Metrolink Lines
- Freeways
- State Highways

The map shows the number of diverse uses within each Census tract. The list of diverse uses was derived from the LEED for Neighborhood Development Checklist. The list includes 29 uses separated into 4 categories: food retail, community-serving retail, services, civic and community facility. Due to data limitations, the list was condensed into 22 categories for this analysis. One type of use may only be counted once per tract.

Data Sources:
Parcel Data, 2021 Los Angeles County Office of the Assessor; Farmer's Markets, 2020 County of Los Angeles; Child and Adult Care Facilities, 2021 California Department of Social Services; Community Plan Areas, 2021 Los Angeles Department of City Planning; Metro Rail and Liner Routes and Stations, 2018 Metro; Terrain: Multi-Directional Hillshade, 2021 ESRI.

Disclaimer:
The City of Los Angeles is neither responsible nor liable for any inaccuracies, errors, or omissions with respect to the material contained on this map. This map and all materials contained on it are distributed and transmitted "as is" without warranties of any kind, either express or implied, including without limitations, warranties of title or implied warranties of merchantability or fitness for a particular purpose. The City of Los Angeles is not responsible for any special, indirect, incidental, or consequential damages that may arise from the use of, or the inability to use, the map and/or the materials contained on the map whether the materials contained on the map are provided by the City of Los Angeles, or a third party.

N

0 2.5 5

Miles

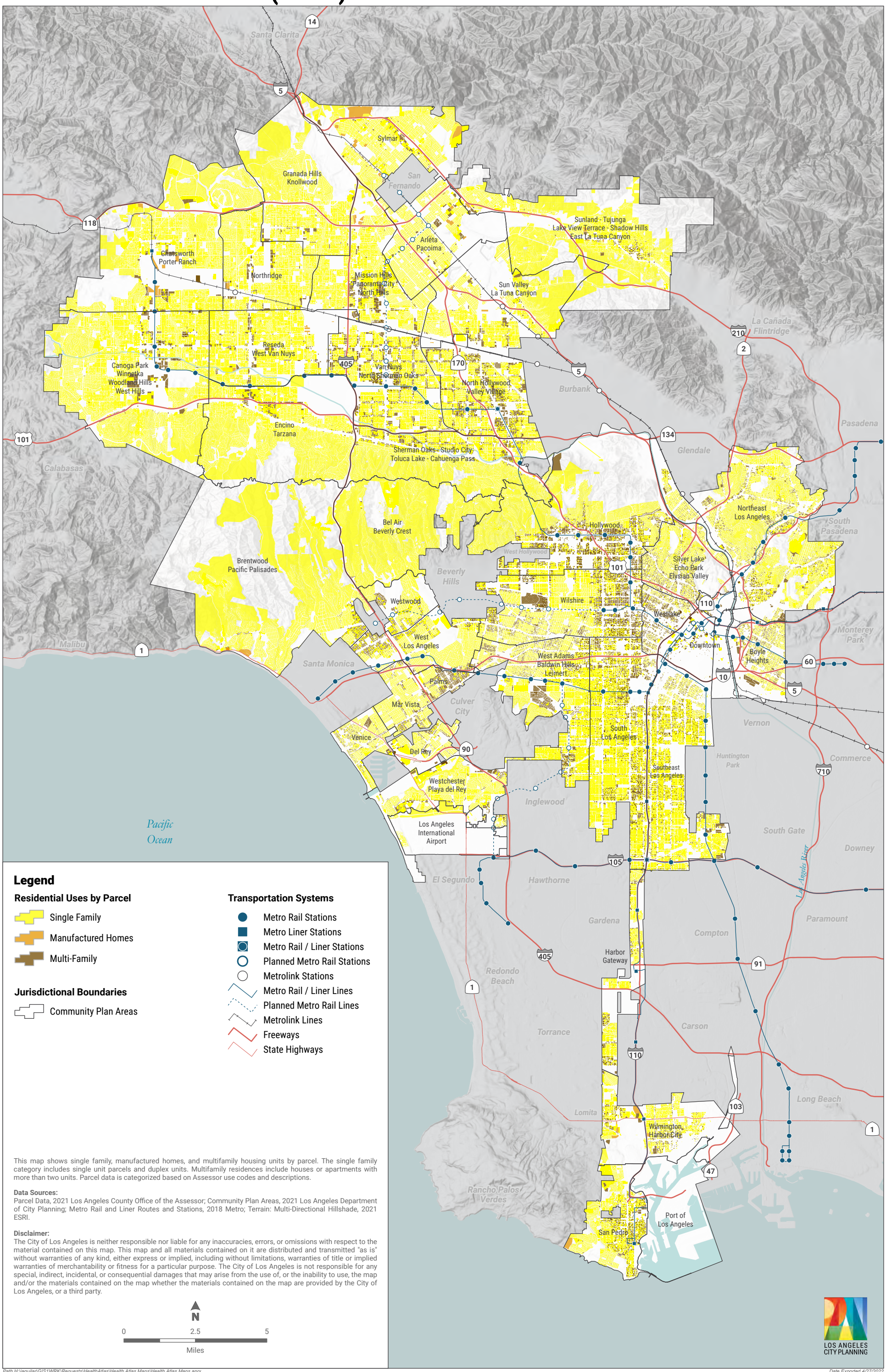
LOS ANGELES CITY PLANNING

Path H:\jaguilar\GIS1WRK\Requests\HealthAtlas\Health Atlas Maps\Health Atlas Maps.aprx

Date Exported 4/27/2022

Map 59

Residential Land Uses (2021)



Legend

Residential Uses by Parcel

- Single Family
- Manufactured Homes
- Multi-Family

Jurisdictional Boundaries

- Community Plan Areas

Transportation Systems

- Metro Rail Stations
- Metro Liner Stations
- Metro Rail / Liner Stations
- Planned Metro Rail Stations
- Metrolink Stations
- Metro Rail / Liner Lines
- Planned Metro Rail Lines
- Metrolink Lines
- Freeways
- State Highways

This map shows single family, manufactured homes, and multifamily housing units by parcel. The single family category includes single unit parcels and duplex units. Multifamily residences include houses or apartments with more than two units. Parcel data is categorized based on Assessor use codes and descriptions.

Data Sources:
Parcel Data, 2021 Los Angeles County Office of the Assessor; Community Plan Areas, 2021 Los Angeles Department of City Planning; Metro Rail and Liner Routes and Stations, 2018 Metro; Terrain: Multi-Directional Hillshade, 2021 ESRI.

Disclaimer:
The City of Los Angeles is neither responsible nor liable for any inaccuracies, errors, or omissions with respect to the material contained on this map. This map and all materials contained on it are distributed and transmitted "as is" without warranties of any kind, either express or implied, including without limitations, warranties of title or implied warranties of merchantability or fitness for a particular purpose. The City of Los Angeles is not responsible for any special, indirect, incidental, or consequential damages that may arise from the use of, or the inability to use, the map and/or the materials contained on the map whether the materials contained on the map are provided by the City of Los Angeles, or a third party.

N

0 2.5 5

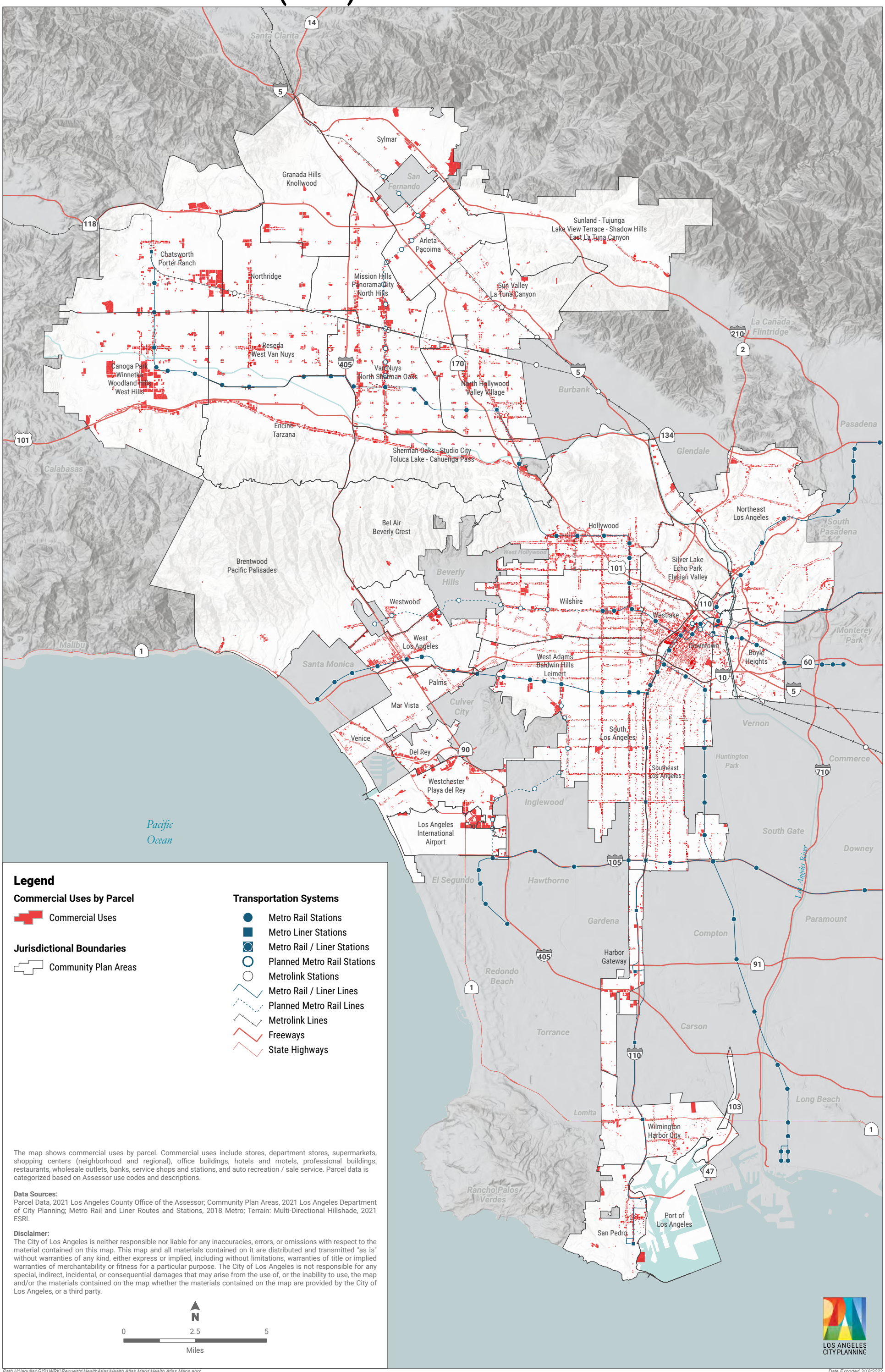
Miles

Path H:\jaguilar\GIS1WRK\Requests\HealthAtlas\Health Atlas Maps\Health Atlas Maps.aprx

Date Exported 4/27/2022

Map 60

Commercial Land Uses (2021)



Legend

Commercial Uses by Parcel

- Commercial Uses

Jurisdictional Boundaries

- Community Plan Areas

Transportation Systems

- Metro Rail Stations
- Metro Liner Stations
- Metro Rail / Liner Stations
- Planned Metro Rail Stations
- Metrolink Stations
- Metro Rail / Liner Lines
- Planned Metro Rail Lines
- Metrolink Lines
- Freeways
- State Highways

The map shows commercial uses by parcel. Commercial uses include stores, department stores, supermarkets, shopping centers (neighborhood and regional), office buildings, hotels and motels, professional buildings, restaurants, wholesale outlets, banks, service shops and stations, and auto recreation / sale service. Parcel data is categorized based on Assessor use codes and descriptions.

Data Sources:
Parcel Data, 2021 Los Angeles County Office of the Assessor; Community Plan Areas, 2021 Los Angeles Department of City Planning; Metro Rail and Liner Routes and Stations, 2018 Metro; Terrain: Multi-Directional Hillshade, 2021 ESRI.

Disclaimer:
The City of Los Angeles is neither responsible nor liable for any inaccuracies, errors, or omissions with respect to the material contained on this map. This map and all materials contained on it are distributed and transmitted "as is" without warranties of any kind, either express or implied, including without limitations, warranties of title or implied warranties of merchantability or fitness for a particular purpose. The City of Los Angeles is not responsible for any special, indirect, incidental, or consequential damages that may arise from the use of, or the inability to use, the map and/or the materials contained on the map whether the materials contained on the map are provided by the City of Los Angeles, or a third party.

N

0 2.5 5

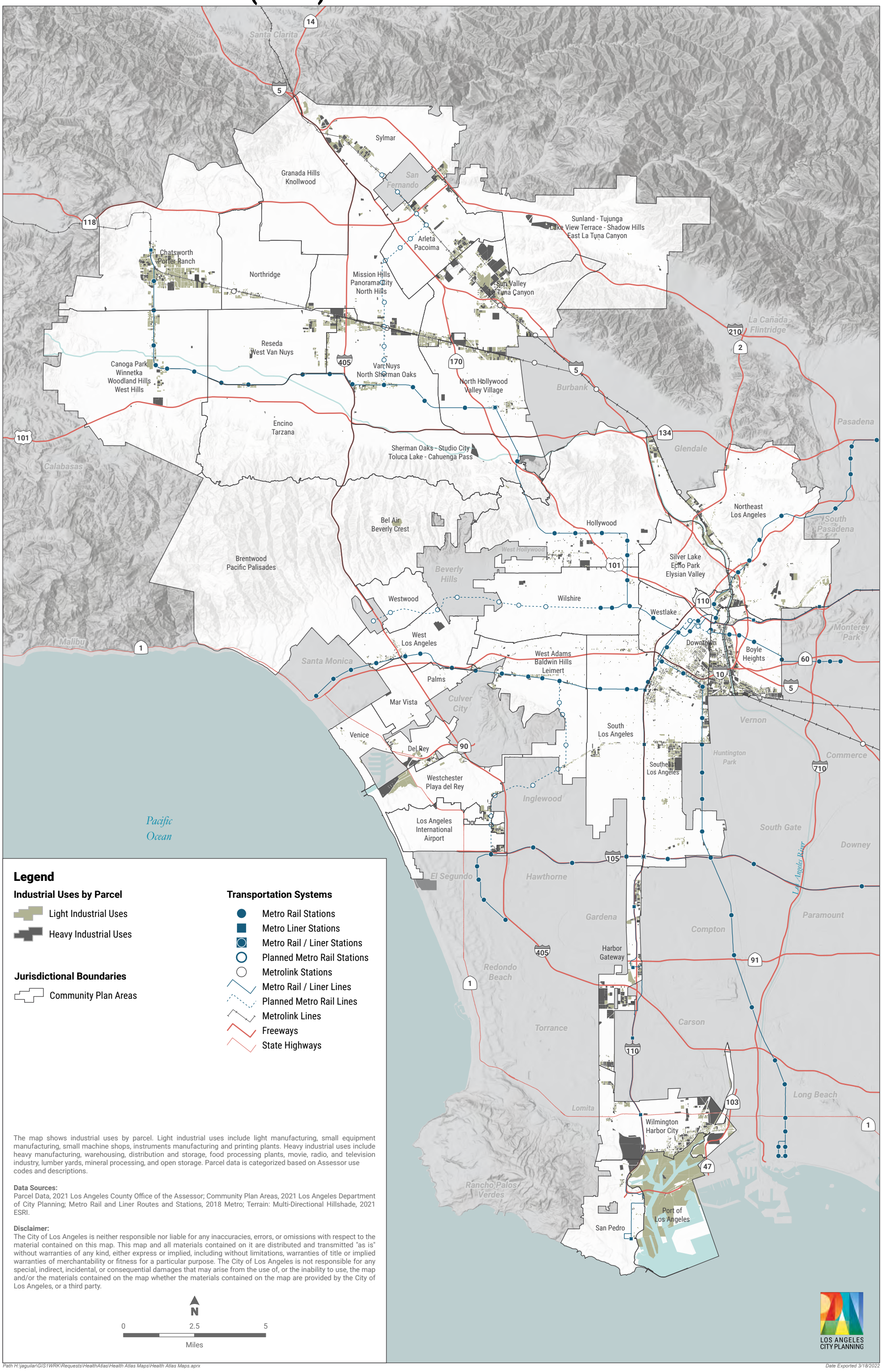
Miles

LOS ANGELES CITY PLANNING

Path H:\jaguilar\GIS1WRK\Requests\HealthAtlas\Health Atlas Maps\Health Atlas Maps.aprx

Date Exported 3/18/2022

Map 61
Industrial Land Uses (2021)



Legend

Industrial Uses by Parcel

- Light Industrial Uses
- Heavy Industrial Uses

Jurisdictional Boundaries

- Community Plan Areas

Transportation Systems

- Metro Rail Stations
- Metro Liner Stations
- Metro Rail / Liner Stations
- Planned Metro Rail Stations
- Metrolink Stations
- Metro Rail / Liner Lines
- Planned Metro Rail Lines
- Metrolink Lines
- Freeways
- State Highways

The map shows industrial uses by parcel. Light industrial uses include light manufacturing, small equipment manufacturing, small machine shops, instruments manufacturing and printing plants. Heavy industrial uses include heavy manufacturing, warehousing, distribution and storage, food processing plants, movie, radio, and television industry, lumber yards, mineral processing, and open storage. Parcel data is categorized based on Assessor use codes and descriptions.

Data Sources:
Parcel Data, 2021 Los Angeles County Office of the Assessor; Community Plan Areas, 2021 Los Angeles Department of City Planning; Metro Rail and Liner Routes and Stations, 2018 Metro; Terrain: Multi-Directional Hillshade, 2021 ESRI.

Disclaimer:
The City of Los Angeles is neither responsible nor liable for any inaccuracies, errors, or omissions with respect to the material contained on this map. This map and all materials contained on it are distributed and transmitted "as is" without warranties of any kind, either express or implied, including without limitations, warranties of title or implied warranties of merchantability or fitness for a particular purpose. The City of Los Angeles is not responsible for any special, indirect, incidental, or consequential damages that may arise from the use of, or the inability to use, the map and/or the materials contained on the map whether the materials contained on the map are provided by the City of Los Angeles, or a third party.

N

0 2.5 5

Miles

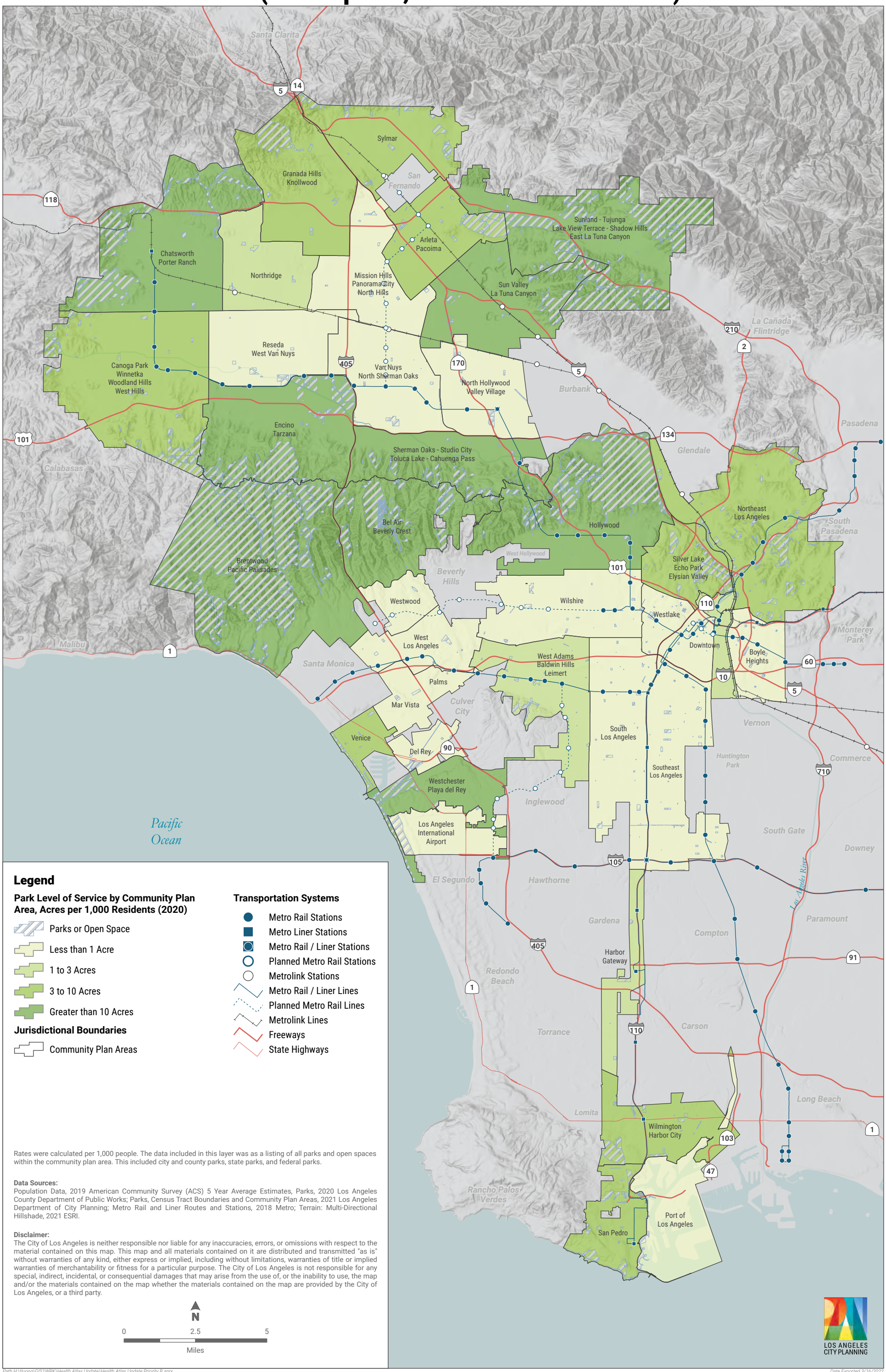
LOS ANGELES CITY PLANNING

Path H:\jaguilar\GIS1WRK\Requests\HealthAtlas\Health Atlas Maps\Health Atlas Maps.aprx

Date Exported 3/18/2022

Map 62

Park Level of Service (Acres per 1,000 Residents in 2019)



Legend

Park Level of Service by Community Plan Area, Acres per 1,000 Residents (2020)

- Parks or Open Space
- Less than 1 Acre
- 1 to 3 Acres
- 3 to 10 Acres
- Greater than 10 Acres

Jurisdictional Boundaries

- Community Plan Areas

Transportation Systems

- Metro Rail Stations
- Metro Liner Stations
- Metro Rail / Liner Stations
- Planned Metro Rail Stations
- Metrolink Stations
- Metro Rail / Liner Lines
- Planned Metro Rail Lines
- Metrolink Lines
- Freeways
- State Highways

Rates were calculated per 1,000 people. The data included in this layer was as a listing of all parks and open spaces within the community plan area. This included city and county parks, state parks, and federal parks.

Data Sources:
Population Data, 2019 American Community Survey (ACS) 5 Year Average Estimates, Parks, 2020 Los Angeles County Department of Public Works; Parks, Census Tract Boundaries and Community Plan Areas, 2021 Los Angeles Department of City Planning; Metro Rail and Liner Routes and Stations, 2018 Metro; Terrain: Multi-Directional Hillshade, 2021 ESRI.

Disclaimer:
The City of Los Angeles is neither responsible nor liable for any inaccuracies, errors, or omissions with respect to the material contained on this map. This map and all materials contained on it are distributed and transmitted "as is" without warranties of any kind, either express or implied, including without limitations, warranties of title or implied warranties of merchantability or fitness for a particular purpose. The City of Los Angeles is not responsible for any special, indirect, incidental, or consequential damages that may arise from the use of, or the inability to use, the map and/or the materials contained on the map whether the materials contained on the map are provided by the City of Los Angeles, or a third party.

N

0 2.5 5

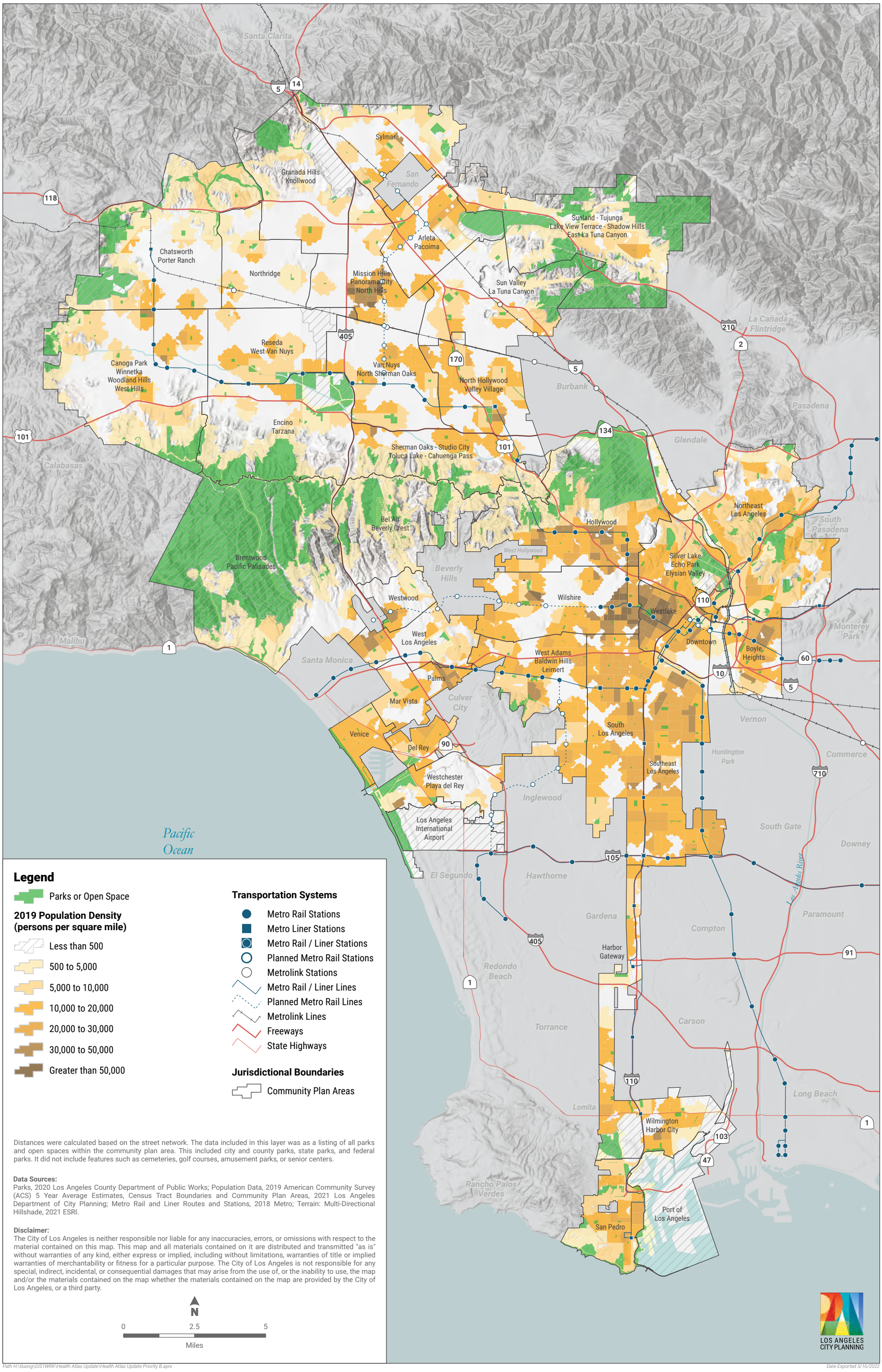
Miles

Path H:\tluong\GIS\TWRK\Health Atlas Update\Health Atlas Update Priority B.aprx

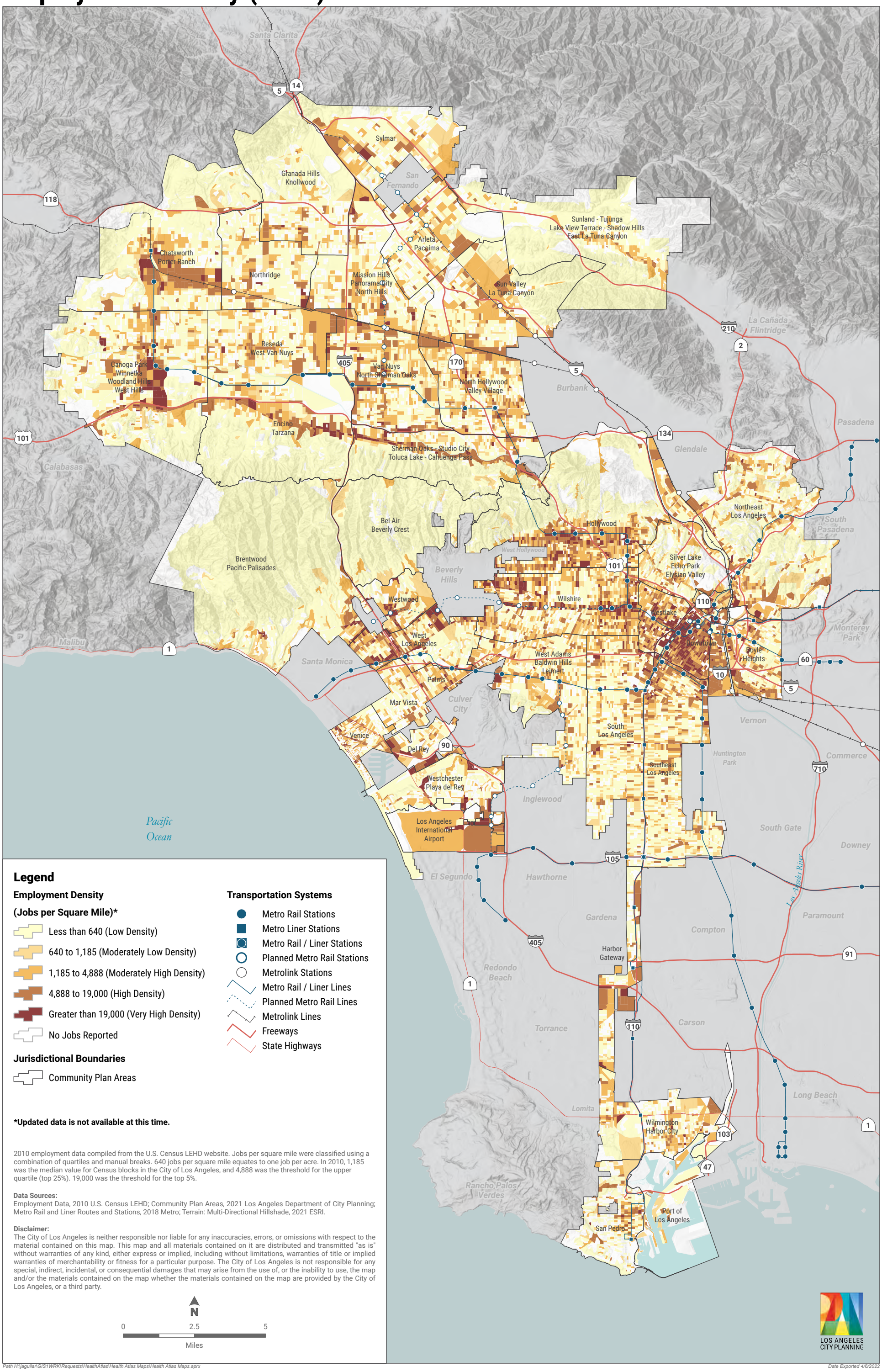
Date Exported 3/16/2022

Map 63

Park Access: Population Density of Census Tracts within 1/2 Mile of a Park or Open Space (2019)



Map 64
Employment Density (2010)



Legend

Employment Density

(Jobs per Square Mile)*

- Less than 640 (Low Density)
- 640 to 1,185 (Moderately Low Density)
- 1,185 to 4,888 (Moderately High Density)
- 4,888 to 19,000 (High Density)
- Greater than 19,000 (Very High Density)
- No Jobs Reported

Jurisdictional Boundaries

- Community Plan Areas

Transportation Systems

- Metro Rail Stations
- Metro Liner Stations
- Metro Rail / Liner Stations
- Planned Metro Rail Stations
- Metrolink Stations
- Metro Rail / Liner Lines
- Planned Metro Rail Lines
- Metrolink Lines
- Freeways
- State Highways

***Updated data is not available at this time.**

2010 employment data compiled from the U.S. Census LEHD website. Jobs per square mile were classified using a combination of quartiles and manual breaks. 640 jobs per square mile equates to one job per acre. In 2010, 1,185 was the median value for Census blocks in the City of Los Angeles, and 4,888 was the threshold for the upper quartile (top 25%). 19,000 was the threshold for the top 5%.

Data Sources:
Employment Data, 2010 U.S. Census LEHD; Community Plan Areas, 2021 Los Angeles Department of City Planning; Metro Rail and Liner Routes and Stations, 2018 Metro; Terrain: Multi-Directional Hillshade, 2021 ESRI.

Disclaimer:
The City of Los Angeles is neither responsible nor liable for any inaccuracies, errors, or omissions with respect to the material contained on this map. This map and all materials contained on it are distributed and transmitted "as is" without warranties of any kind, either express or implied, including without limitations, warranties of title or implied warranties of merchantability or fitness for a particular purpose. The City of Los Angeles is not responsible for any special, indirect, incidental, or consequential damages that may arise from the use of, or the inability to use, the map and/or the materials contained on the map whether the materials contained on the map are provided by the City of Los Angeles, or a third party.

N

0 2.5 5

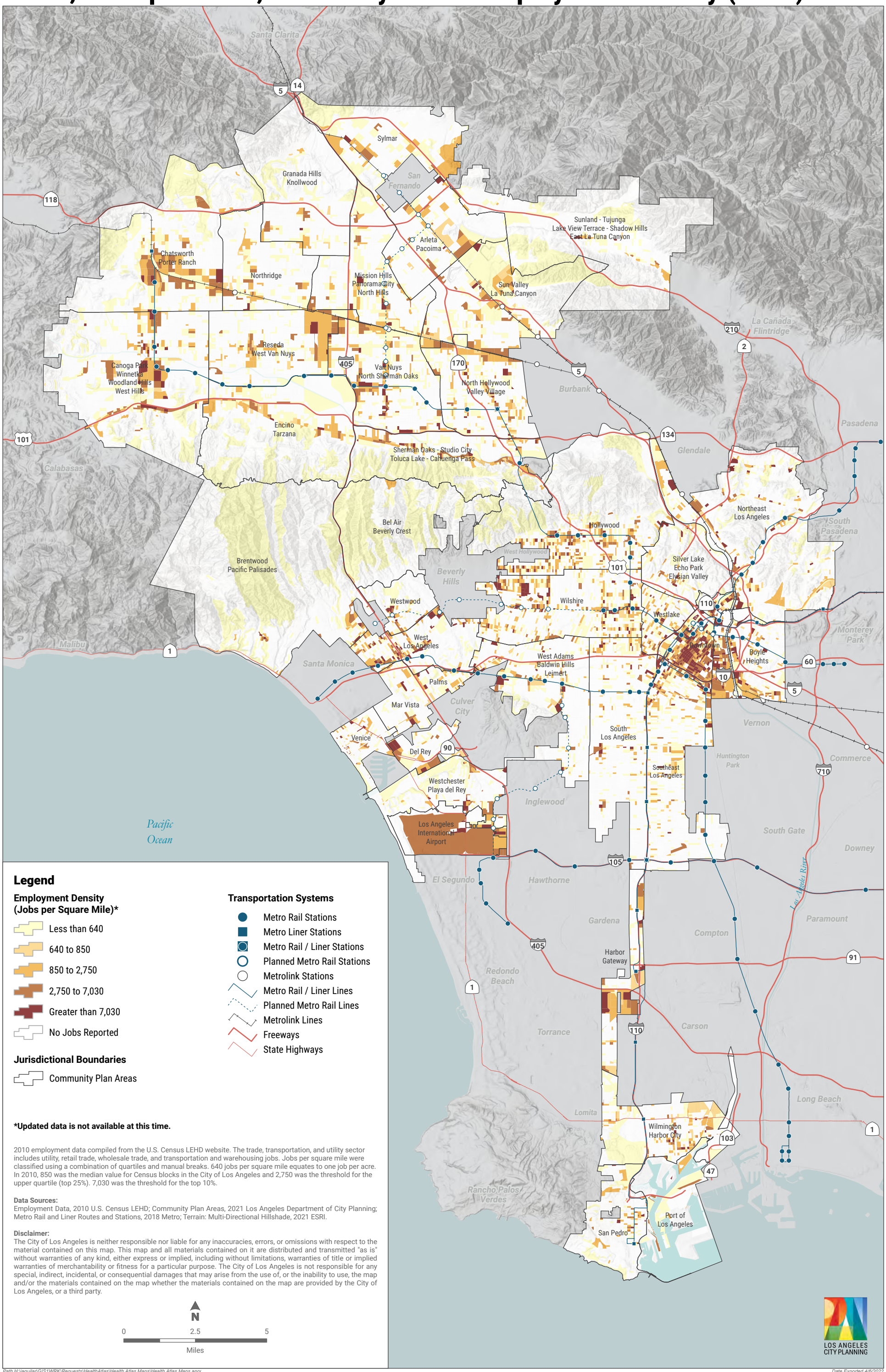
Miles

Path H:\jaguilar\GIS1WRK\Requests\HealthAtlas\Health Atlas Maps\Health Atlas Maps.aprx

Date Exported 4/6/2022

Map 65

Trade, Transportation, and Utility Sector Employment Density (2010)



Legend

Employment Density (Jobs per Square Mile)*

- Less than 640
- 640 to 850
- 850 to 2,750
- 2,750 to 7,030
- Greater than 7,030
- No Jobs Reported

Transportation Systems

- Metro Rail Stations
- Metro Liner Stations
- Metro Rail / Liner Stations
- Planned Metro Rail Stations
- Metrolink Stations
- Metro Rail / Liner Lines
- Planned Metro Rail Lines
- Metrolink Lines
- Freeways
- State Highways

Jurisdictional Boundaries

- Community Plan Areas

***Updated data is not available at this time.**

2010 employment data compiled from the U.S. Census LEHD website. The trade, transportation, and utility sector includes utility, retail trade, wholesale trade, and transportation and warehousing jobs. Jobs per square mile were classified using a combination of quartiles and manual breaks. 640 jobs per square mile equates to one job per acre. In 2010, 850 was the median value for Census blocks in the City of Los Angeles and 2,750 was the threshold for the upper quartile (top 25%). 7,030 was the threshold for the top 10%.

Data Sources:
Employment Data, 2010 U.S. Census LEHD; Community Plan Areas, 2021 Los Angeles Department of City Planning; Metro Rail and Liner Routes and Stations, 2018 Metro; Terrain: Multi-Directional Hillshade, 2021 ESRI.

Disclaimer:
The City of Los Angeles is neither responsible nor liable for any inaccuracies, errors, or omissions with respect to the material contained on this map. This map and all materials contained on it are distributed and transmitted "as is" without warranties of any kind, either express or implied, including without limitations, warranties of title or implied warranties of merchantability or fitness for a particular purpose. The City of Los Angeles is not responsible for any special, indirect, incidental, or consequential damages that may arise from the use of, or the inability to use, the map and/or the materials contained on the map whether the materials contained on the map are provided by the City of Los Angeles, or a third party.

N

0 2.5 5

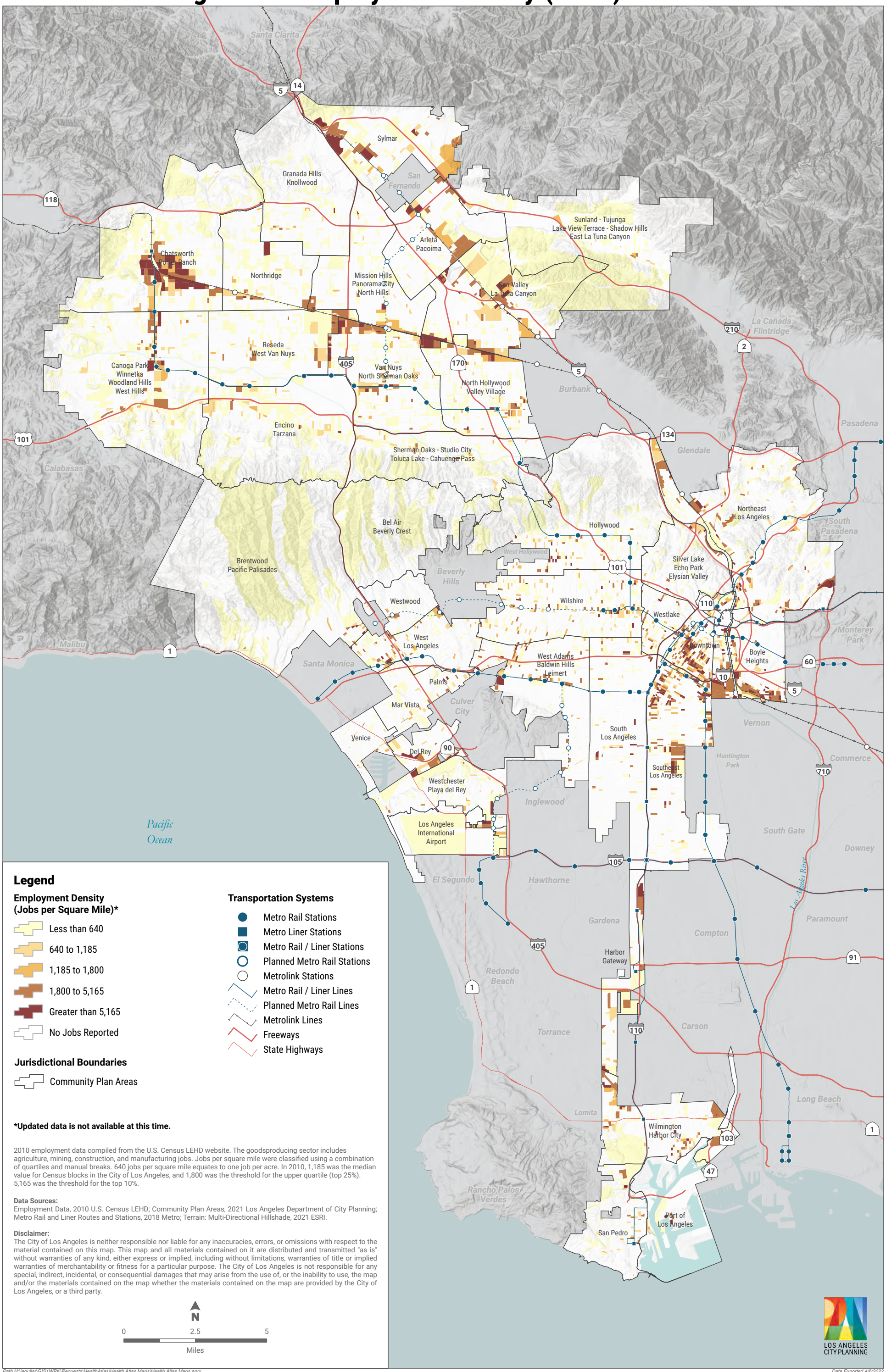
Miles

Path H:\jaguilar\GIS1WRK\Requests\HealthAtlas\Health Atlas Maps\Health Atlas Maps.aprx

Date Exported 4/6/2022

Map 66

Goods-Producing Sector Employment Density (2010)



Legend

Employment Density (Jobs per Square Mile)*

- Less than 640
- 640 to 1,185
- 1,185 to 1,800
- 1,800 to 5,165
- Greater than 5,165
- No Jobs Reported

Transportation Systems

- Metro Rail Stations
- Metro Liner Stations
- Metro Rail / Liner Stations
- Planned Metro Rail Stations
- Metrolink Stations
- Metro Rail / Liner Lines
- Planned Metro Rail Lines
- Metrolink Lines
- Freeways
- State Highways

Jurisdictional Boundaries

- Community Plan Areas

***Updated data is not available at this time.**

2010 employment data compiled from the U.S. Census LEHD website. The goodsproducing sector includes agriculture, mining, construction, and manufacturing jobs. Jobs per square mile were classified using a combination of quartiles and manual breaks. 640 jobs per square mile equates to one job per acre. In 2010, 1,185 was the median value for Census blocks in the City of Los Angeles, and 1,800 was the threshold for the upper quartile (top 25%). 5,165 was the threshold for the top 10%.

Data Sources:
Employment Data, 2010 U.S. Census LEHD; Community Plan Areas, 2021 Los Angeles Department of City Planning; Metro Rail and Liner Routes and Stations, 2018 Metro; Terrain: Multi-Directional Hillshade, 2021 ESRI.

Disclaimer:
The City of Los Angeles is neither responsible nor liable for any inaccuracies, errors, or omissions with respect to the material contained on this map. This map and all materials contained on it are distributed and transmitted "as is" without warranties of any kind, either express or implied, including without limitations, warranties of title or implied warranties of merchantability or fitness for a particular purpose. The City of Los Angeles is not responsible for any special, indirect, incidental, or consequential damages that may arise from the use of, or the inability to use, the map and/or the materials contained on the map whether the materials contained on the map are provided by the City of Los Angeles, or a third party.

N

0 2.5 5

Miles

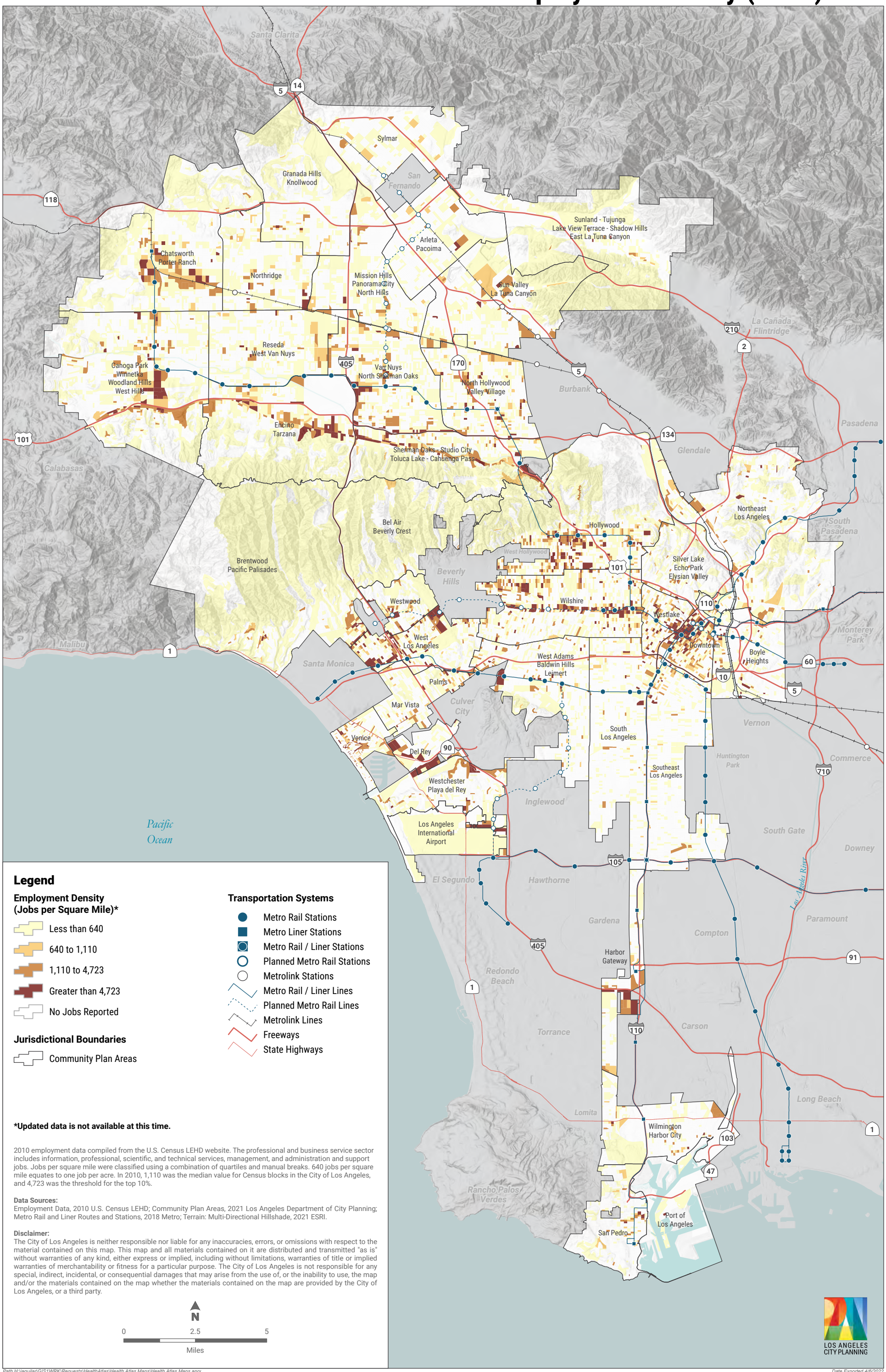
LOS ANGELES CITY PLANNING

Path H:\jaguilar\GIS1WRK\Requests\HealthAtlas\Health Atlas Maps\Health Atlas Maps.aprx

Date Exported 4/6/2022

Map 67

Professional and Business Service Sector Employment Density (2010)



Legend

Employment Density (Jobs per Square Mile)*

- Less than 640
- 640 to 1,110
- 1,110 to 4,723
- Greater than 4,723
- No Jobs Reported

Jurisdictional Boundaries

- Community Plan Areas

Transportation Systems

- Metro Rail Stations
- Metro Liner Stations
- Metro Rail / Liner Stations
- Planned Metro Rail Stations
- Metrolink Stations
- Metro Rail / Liner Lines
- Planned Metro Rail Lines
- Metrolink Lines
- Freeways
- State Highways

***Updated data is not available at this time.**

2010 employment data compiled from the U.S. Census LEHD website. The professional and business service sector includes information, professional, scientific, and technical services, management, and administration and support jobs. Jobs per square mile were classified using a combination of quartiles and manual breaks. 640 jobs per square mile equates to one job per acre. In 2010, 1,110 was the median value for Census blocks in the City of Los Angeles, and 4,723 was the threshold for the top 10%.

Data Sources:
Employment Data, 2010 U.S. Census LEHD; Community Plan Areas, 2021 Los Angeles Department of City Planning; Metro Rail and Liner Routes and Stations, 2018 Metro; Terrain: Multi-Directional Hillshade, 2021 ESRI.

Disclaimer:
The City of Los Angeles is neither responsible nor liable for any inaccuracies, errors, or omissions with respect to the material contained on this map. This map and all materials contained on it are distributed and transmitted "as is" without warranties of any kind, either express or implied, including without limitations, warranties of title or implied warranties of merchantability or fitness for a particular purpose. The City of Los Angeles is not responsible for any special, indirect, incidental, or consequential damages that may arise from the use of, or the inability to use, the map and/or the materials contained on the map whether the materials contained on the map are provided by the City of Los Angeles, or a third party.

N

0 2.5 5

Miles

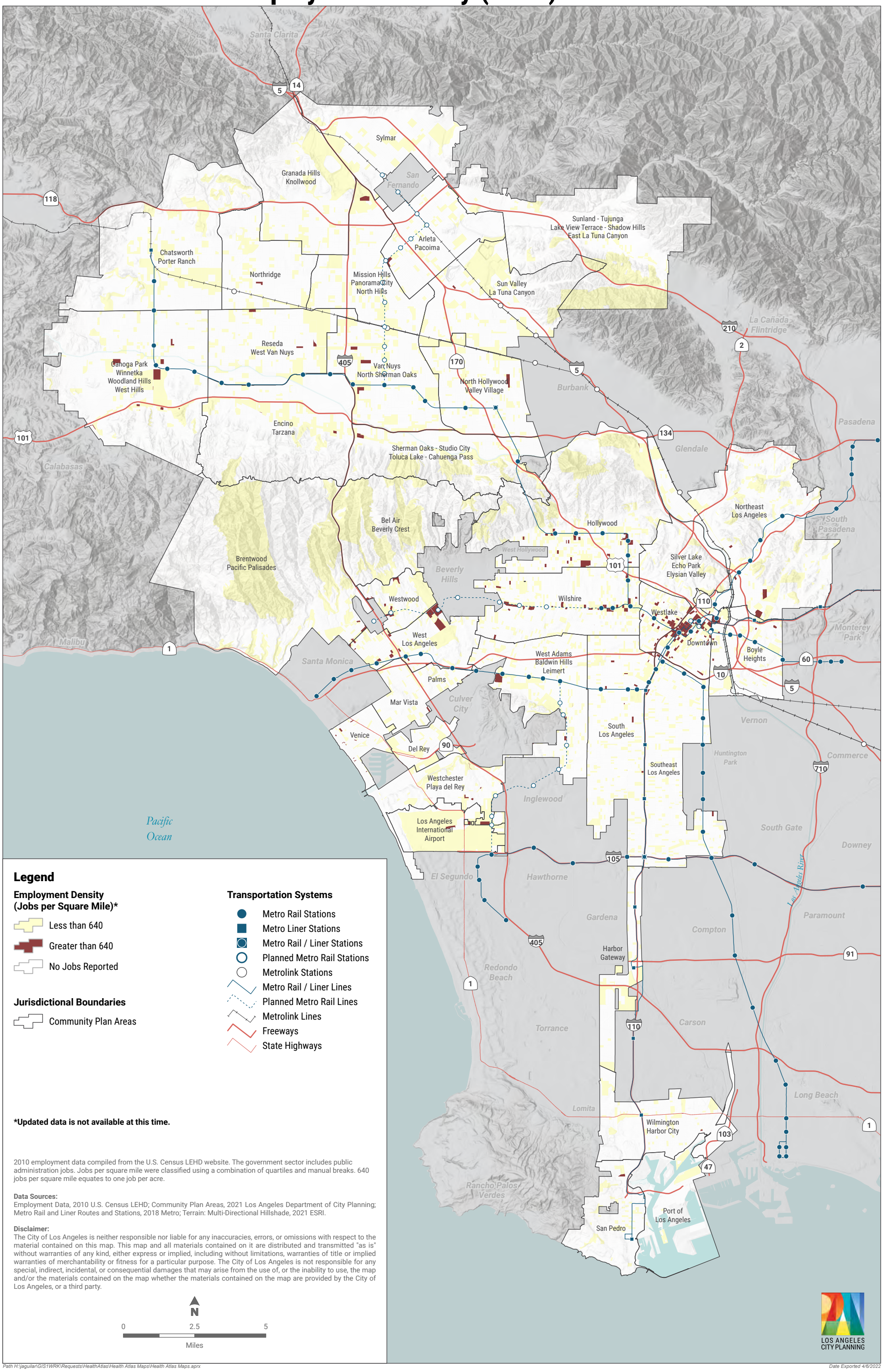
LOS ANGELES CITY PLANNING

Path H:\jaguilar\GIS1WRK\Requests\HealthAtlas\Health Atlas Maps\Health Atlas Maps.aprx

Date Exported 4/6/2022

Map 68

Government Sector Employment Density (2010)



Legend

Employment Density (Jobs per Square Mile)*

- Less than 640
- Greater than 640
- No Jobs Reported

Jurisdictional Boundaries

- Community Plan Areas

Transportation Systems

- Metro Rail Stations
- Metro Liner Stations
- Metro Rail / Liner Stations
- Planned Metro Rail Stations
- Metrolink Stations
- Metro Rail / Liner Lines
- Planned Metro Rail Lines
- Metrolink Lines
- Freeways
- State Highways

***Updated data is not available at this time.**

2010 employment data compiled from the U.S. Census LEHD website. The government sector includes public administration jobs. Jobs per square mile were classified using a combination of quartiles and manual breaks. 640 jobs per square mile equates to one job per acre.

Data Sources:
Employment Data, 2010 U.S. Census LEHD; Community Plan Areas, 2021 Los Angeles Department of City Planning; Metro Rail and Liner Routes and Stations, 2018 Metro; Terrain: Multi-Directional Hillshade, 2021 ESRI.

Disclaimer:
The City of Los Angeles is neither responsible nor liable for any inaccuracies, errors, or omissions with respect to the material contained on this map. This map and all materials contained on it are distributed and transmitted "as is" without warranties of any kind, either express or implied, including without limitations, warranties of title or implied warranties of merchantability or fitness for a particular purpose. The City of Los Angeles is not responsible for any special, indirect, incidental, or consequential damages that may arise from the use of, or the inability to use, the map and/or the materials contained on the map whether the materials contained on the map are provided by the City of Los Angeles, or a third party.

N

0 2.5 5

Miles

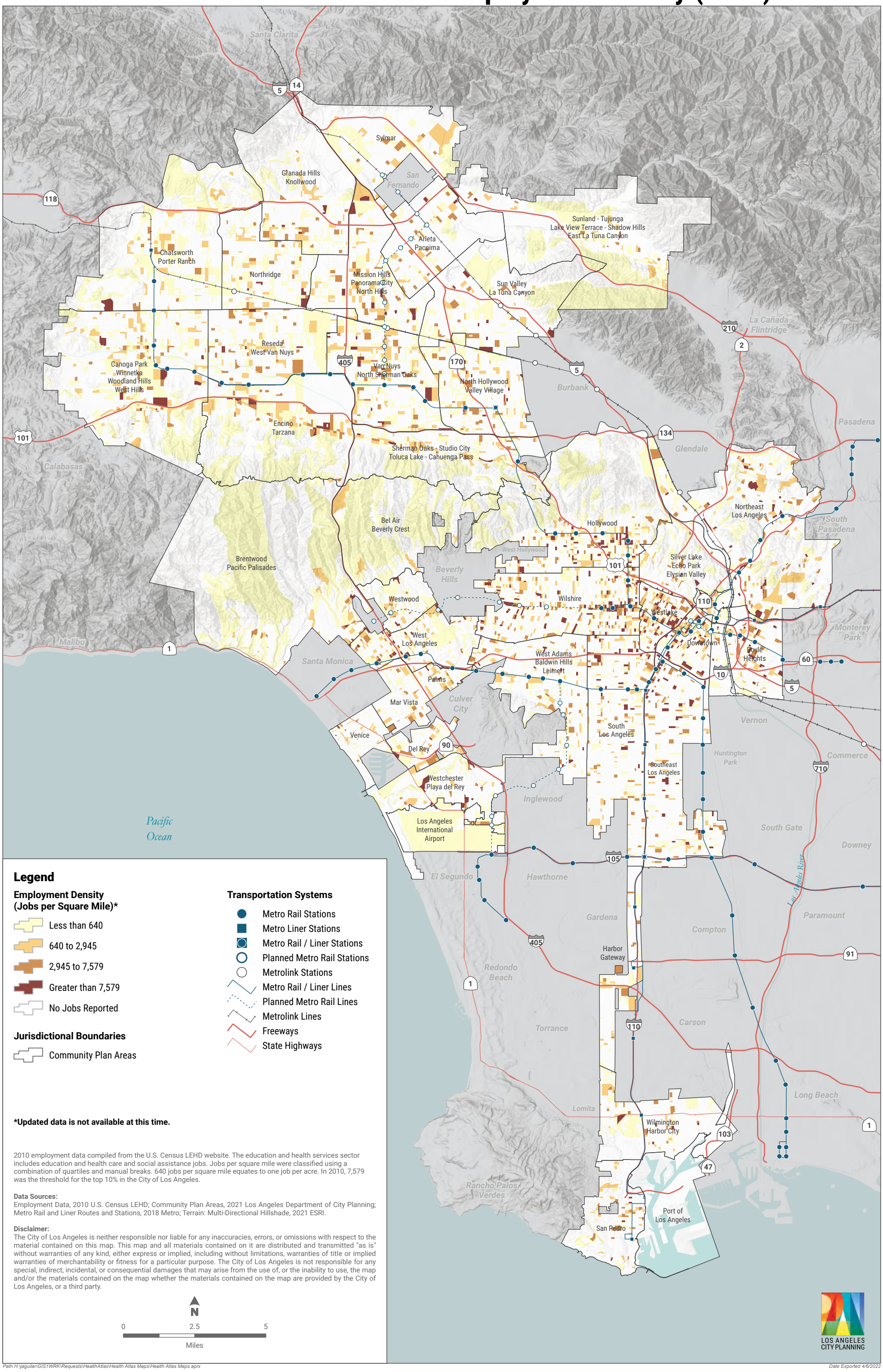
LOS ANGELES CITY PLANNING

Path H:\jaguilar\GIS1WRK\Requests\HealthAtlas\Health Atlas Maps\Health Atlas Maps.aprx

Date Exported 4/6/2022

Map 69

Education and Health Services Sector Employment Density (2010)



Legend

Employment Density (Jobs per Square Mile)*

- Less than 640
- 640 to 2,945
- 2,945 to 7,579
- Greater than 7,579
- No Jobs Reported

Jurisdictional Boundaries

- Community Plan Areas

Transportation Systems

- Metro Rail Stations
- Metro Liner Stations
- Metro Rail / Liner Stations
- Planned Metro Rail Stations
- Metrolink Stations
- Metro Rail / Liner Lines
- Planned Metro Rail Lines
- Metrolink Lines
- Freeways
- State Highways

***Updated data is not available at this time.**

2010 employment data compiled from the U.S. Census LEHD website. The education and health services sector includes education and health care and social assistance jobs. Jobs per square mile were classified using a combination of quartiles and manual breaks. 640 jobs per square mile equates to one job per acre. In 2010, 7,579 was the threshold for the top 10% in the City of Los Angeles.

Data Sources:
Employment Data, 2010 U.S. Census LEHD; Community Plan Areas, 2021 Los Angeles Department of City Planning; Metro Rail and Liner Routes and Stations, 2018 Metro; Terrain: Multi-Directional Hillshade, 2021 ESRI.

Disclaimer:
The City of Los Angeles is neither responsible nor liable for any inaccuracies, errors, or omissions with respect to the material contained on this map. This map and all materials contained on it are distributed and transmitted "as is" without warranties of any kind, either express or implied, including without limitations, warranties of title or implied warranties of merchantability or fitness for a particular purpose. The City of Los Angeles is not responsible for any special, indirect, incidental, or consequential damages that may arise from the use of, or the inability to use, the map and/or the materials contained on the map whether the materials contained on the map are provided by the City of Los Angeles, or a third party.

N

0 2.5 5

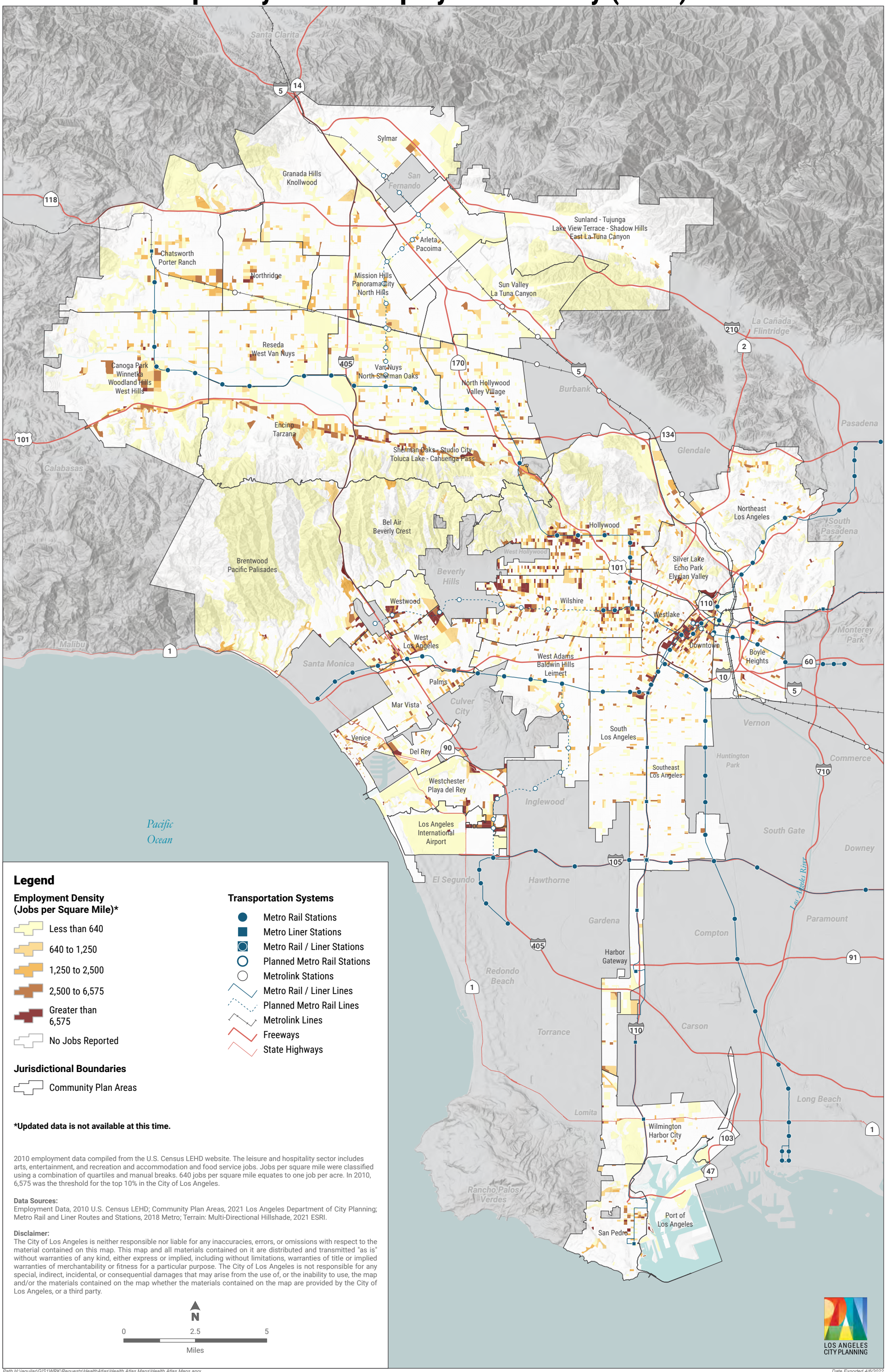
Miles

Path H:\jaguilar\GIS1WRK\Requests\HealthAtlas\Health Atlas Maps\Health Atlas Maps.aprx

Date Exported 4/6/2022

Map 70

Leisure and Hospitality Sector Employment Density (2010)



Legend

Employment Density (Jobs per Square Mile)*

- Less than 640
- 640 to 1,250
- 1,250 to 2,500
- 2,500 to 6,575
- Greater than 6,575
- No Jobs Reported

Transportation Systems

- Metro Rail Stations
- Metro Liner Stations
- Metro Rail / Liner Stations
- Planned Metro Rail Stations
- Metrolink Stations
- Metro Rail / Liner Lines
- Planned Metro Rail Lines
- Metrolink Lines
- Freeways
- State Highways

Jurisdictional Boundaries

- Community Plan Areas

***Updated data is not available at this time.**

2010 employment data compiled from the U.S. Census LEHD website. The leisure and hospitality sector includes arts, entertainment, and recreation and accommodation and food service jobs. Jobs per square mile were classified using a combination of quartiles and manual breaks. 640 jobs per square mile equates to one job per acre. In 2010, 6,575 was the threshold for the top 10% in the City of Los Angeles.

Data Sources:
Employment Data, 2010 U.S. Census LEHD; Community Plan Areas, 2021 Los Angeles Department of City Planning; Metro Rail and Liner Routes and Stations, 2018 Metro; Terrain: Multi-Directional Hillshade, 2021 ESRI.

Disclaimer:
The City of Los Angeles is neither responsible nor liable for any inaccuracies, errors, or omissions with respect to the material contained on this map. This map and all materials contained on it are distributed and transmitted "as is" without warranties of any kind, either express or implied, including without limitations, warranties of title or implied warranties of merchantability or fitness for a particular purpose. The City of Los Angeles is not responsible for any special, indirect, incidental, or consequential damages that may arise from the use of, or the inability to use, the map and/or the materials contained on the map whether the materials contained on the map are provided by the City of Los Angeles, or a third party.

N

0 2.5 5

Miles

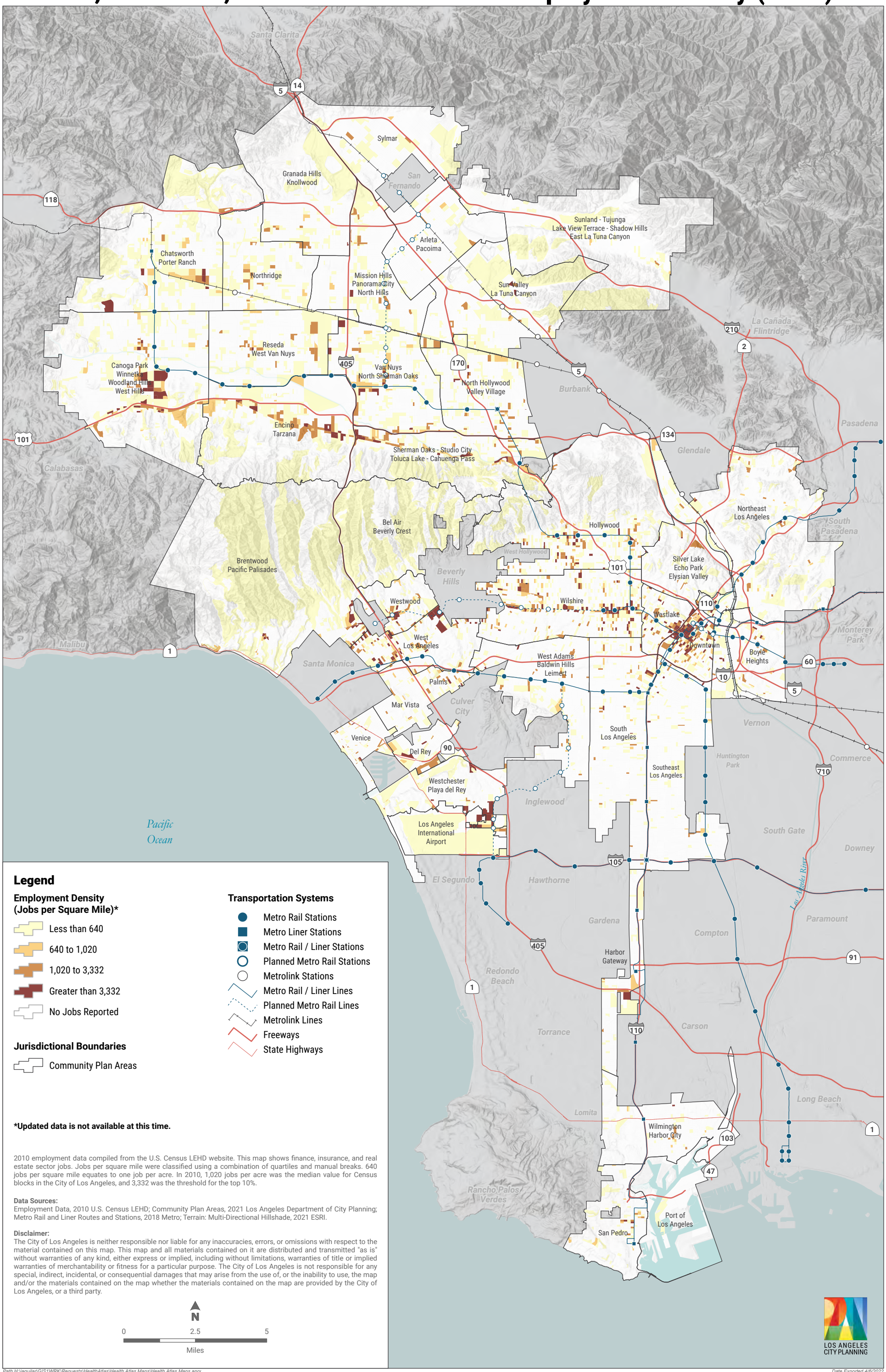
LOS ANGELES CITY PLANNING

Path H:\jaguilar\GIS1WRK\Requests\HealthAtlas\Health Atlas Maps\Health Atlas Maps.aprx

Date Exported 4/6/2022

Map 71

Finance, Insurance, and Real Estate Sector Employment Density (2010)



Legend

Employment Density (Jobs per Square Mile)*

- Less than 640
- 640 to 1,020
- 1,020 to 3,332
- Greater than 3,332
- No Jobs Reported

Transportation Systems

- Metro Rail Stations
- Metro Liner Stations
- Metro Rail / Liner Stations
- Planned Metro Rail Stations
- Metrolink Stations
- Metro Rail / Liner Lines
- Planned Metro Rail Lines
- Metrolink Lines
- Freeways
- State Highways

Jurisdictional Boundaries

- Community Plan Areas

***Updated data is not available at this time.**

2010 employment data compiled from the U.S. Census LEHD website. This map shows finance, insurance, and real estate sector jobs. Jobs per square mile were classified using a combination of quartiles and manual breaks. 640 jobs per square mile equates to one job per acre. In 2010, 1,020 jobs per acre was the median value for Census blocks in the City of Los Angeles, and 3,332 was the threshold for the top 10%.

Data Sources:
Employment Data, 2010 U.S. Census LEHD; Community Plan Areas, 2021 Los Angeles Department of City Planning; Metro Rail and Liner Routes and Stations, 2018 Metro; Terrain: Multi-Directional Hillshade, 2021 ESRI.

Disclaimer:
The City of Los Angeles is neither responsible nor liable for any inaccuracies, errors, or omissions with respect to the material contained on this map. This map and all materials contained on it are distributed and transmitted "as is" without warranties of any kind, either express or implied, including without limitations, warranties of title or implied warranties of merchantability or fitness for a particular purpose. The City of Los Angeles is not responsible for any special, indirect, incidental, or consequential damages that may arise from the use of, or the inability to use, the map and/or the materials contained on the map whether the materials contained on the map are provided by the City of Los Angeles, or a third party.

N

0 2.5 5

Miles

Path H:\jaguilar\GIS1WRK\Requests\HealthAtlas\Health Atlas Maps\Health Atlas Maps.aprx

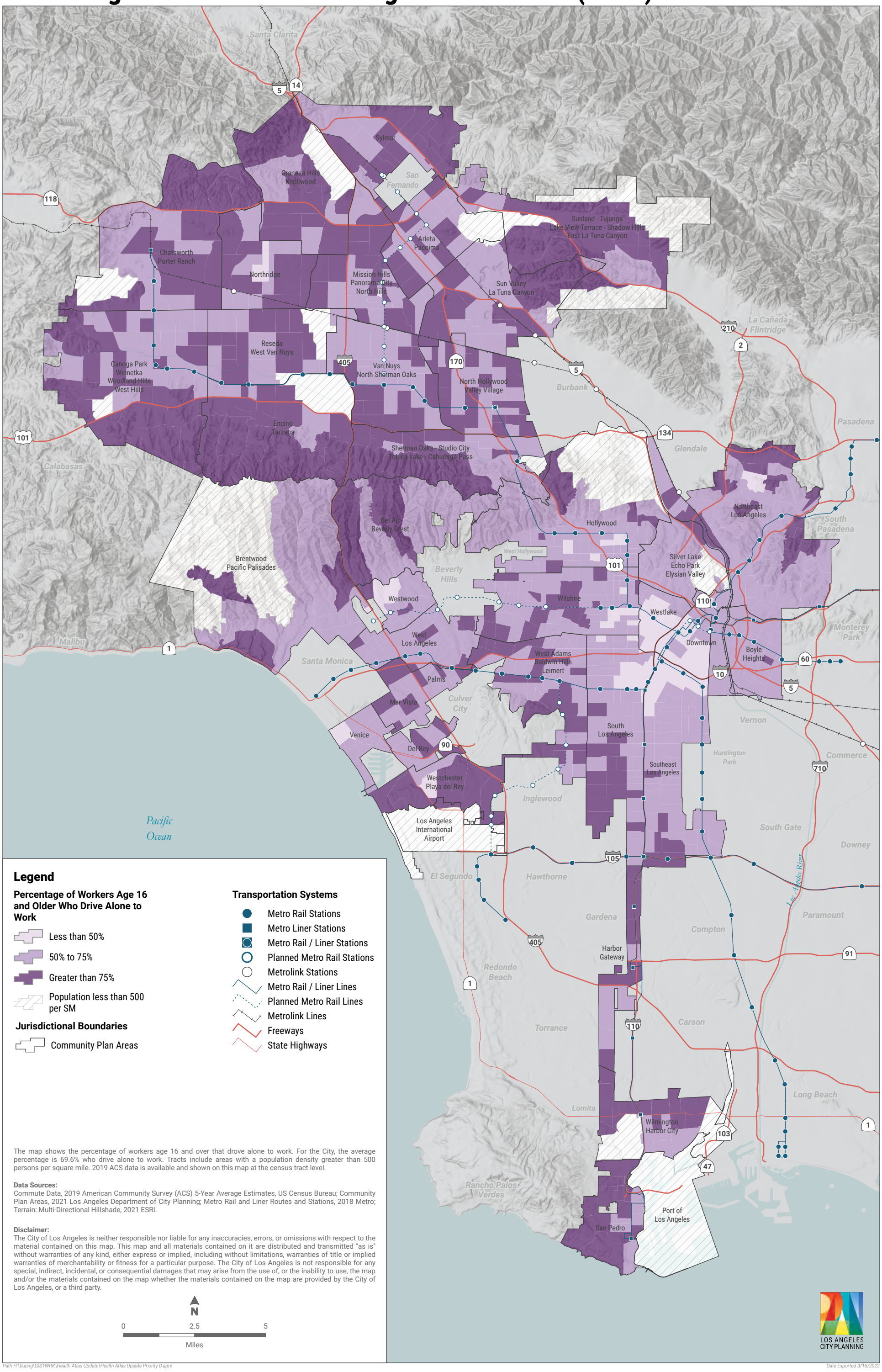
Date Exported 4/6/2022

TRANSPORTATION

Chapter 8

Map 72

Percentage of Commuters Driving Alone to Work (2019)



Legend

Percentage of Workers Age 16 and Older Who Drive Alone to Work

- Less than 50%
- 50% to 75%
- Greater than 75%
- Population less than 500 per SM

Jurisdictional Boundaries

- Community Plan Areas

Transportation Systems

- Metro Rail Stations
- Metro Liner Stations
- Metro Rail / Liner Stations
- Planned Metro Rail Stations
- Metrolink Stations
- Metro Rail / Liner Lines
- Planned Metro Rail Lines
- Metrolink Lines
- Freeways
- State Highways

The map shows the percentage of workers age 16 and over that drove alone to work. For the City, the average percentage is 69.6% who drive alone to work. Tracts include areas with a population density greater than 500 persons per square mile. 2019 ACS data is available and shown on this map at the census tract level.

Data Sources:
Commute Data, 2019 American Community Survey (ACS) 5-Year Average Estimates, US Census Bureau; Community Plan Areas, 2021 Los Angeles Department of City Planning; Metro Rail and Liner Routes and Stations, 2018 Metro; Terrain: Multi-Directional Hillshade, 2021 ESRI.

Disclaimer:
The City of Los Angeles is neither responsible nor liable for any inaccuracies, errors, or omissions with respect to the material contained on this map. This map and all materials contained on it are distributed and transmitted "as is" without warranties of any kind, either express or implied, including without limitations, warranties of title or implied warranties of merchantability or fitness for a particular purpose. The City of Los Angeles is not responsible for any special, indirect, incidental, or consequential damages that may arise from the use of, or the inability to use, the map and/or the materials contained on the map whether the materials contained on the map are provided by the City of Los Angeles, or a third party.

N

0 2.5 5

Miles

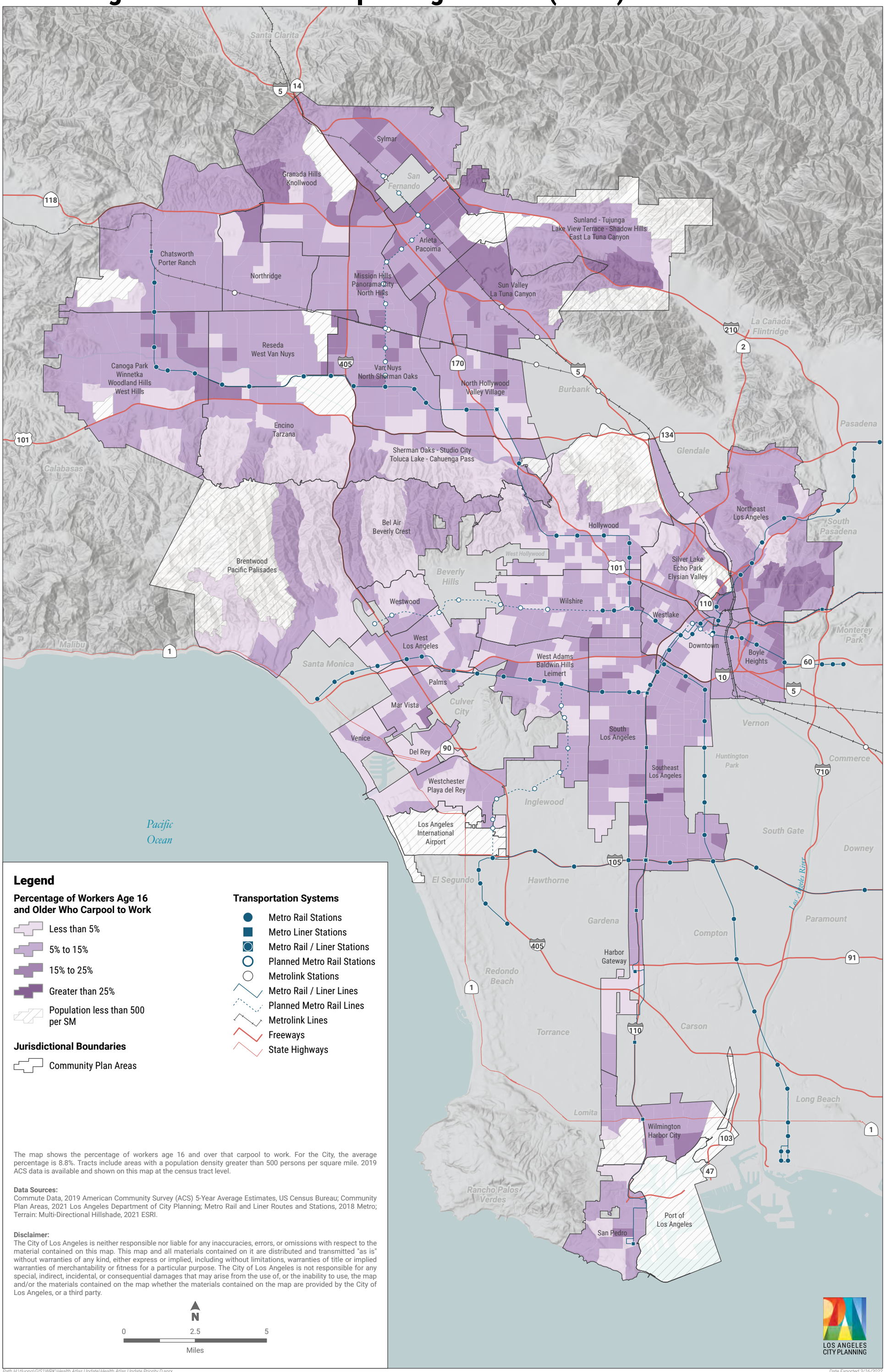
LOS ANGELES CITY PLANNING

Path H:\tluong\GIS1WRK\Health Atlas Update\Health Atlas Update Priority D.aprx

Date Exported 3/16/2022

Map 73

Percentage of Commuters Carpooling to Work (2019)



Legend

Percentage of Workers Age 16 and Older Who Carpool to Work

- Less than 5%
- 5% to 15%
- 15% to 25%
- Greater than 25%
- Population less than 500 per SM

Jurisdictional Boundaries

- Community Plan Areas

Transportation Systems

- Metro Rail Stations
- Metro Liner Stations
- Metro Rail / Liner Stations
- Planned Metro Rail Stations
- Metrolink Stations
- Metro Rail / Liner Lines
- Planned Metro Rail Lines
- Metrolink Lines
- Freeways
- State Highways

The map shows the percentage of workers age 16 and over that carpool to work. For the City, the average percentage is 8.8%. Tracts include areas with a population density greater than 500 persons per square mile. 2019 ACS data is available and shown on this map at the census tract level.

Data Sources:
Commute Data, 2019 American Community Survey (ACS) 5-Year Average Estimates, US Census Bureau; Community Plan Areas, 2021 Los Angeles Department of City Planning; Metro Rail and Liner Routes and Stations, 2018 Metro; Terrain: Multi-Directional Hillshade, 2021 ESRI.

Disclaimer:
The City of Los Angeles is neither responsible nor liable for any inaccuracies, errors, or omissions with respect to the material contained on this map. This map and all materials contained on it are distributed and transmitted "as is" without warranties of any kind, either express or implied, including without limitations, warranties of title or implied warranties of merchantability or fitness for a particular purpose. The City of Los Angeles is not responsible for any special, indirect, incidental, or consequential damages that may arise from the use of, or the inability to use, the map and/or the materials contained on the map whether the materials contained on the map are provided by the City of Los Angeles, or a third party.

N

0 2.5 5

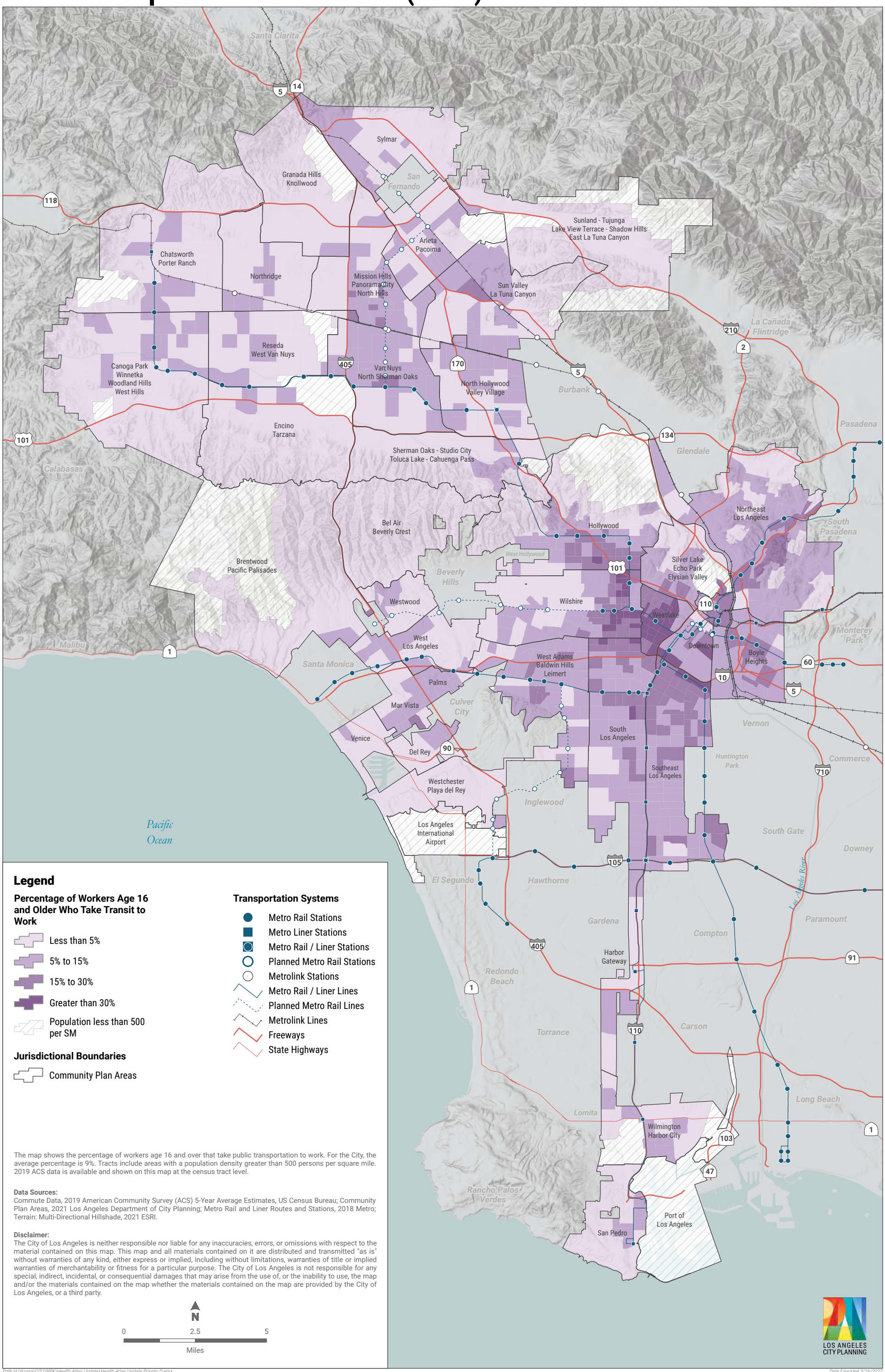
Miles

LOS ANGELES CITY PLANNING

Path H:\tluong\GIS\TWRK\Health Atlas Update\Health Atlas Update Priority D.aprx

Date Exported 3/16/2022

Map 74
Public Transportation Commuters (2019)



Legend

Percentage of Workers Age 16 and Older Who Take Transit to Work

- Less than 5%
- 5% to 15%
- 15% to 30%
- Greater than 30%
- Population less than 500 per SM

Jurisdictional Boundaries

- Community Plan Areas

Transportation Systems

- Metro Rail Stations
- Metro Liner Stations
- Metro Rail / Liner Stations
- Planned Metro Rail Stations
- Metrolink Stations
- Metro Rail / Liner Lines
- Planned Metro Rail Lines
- Metrolink Lines
- Freeways
- State Highways

The map shows the percentage of workers age 16 and over that take public transportation to work. For the City, the average percentage is 9%. Tracts include areas with a population density greater than 500 persons per square mile. 2019 ACS data is available and shown on this map at the census tract level.

Data Sources:
Commute Data, 2019 American Community Survey (ACS) 5-Year Average Estimates, US Census Bureau; Community Plan Areas, 2021 Los Angeles Department of City Planning; Metro Rail and Liner Routes and Stations, 2018 Metro; Terrain: Multi-Directional Hillshade, 2021 ESRI.

Disclaimer:
The City of Los Angeles is neither responsible nor liable for any inaccuracies, errors, or omissions with respect to the material contained on this map. This map and all materials contained on it are distributed and transmitted "as is" without warranties of any kind, either express or implied, including without limitations, warranties of title or implied warranties of merchantability or fitness for a particular purpose. The City of Los Angeles is not responsible for any special, indirect, incidental, or consequential damages that may arise from the use of, or the inability to use, the map and/or the materials contained on the map whether the materials contained on the map are provided by the City of Los Angeles, or a third party.

N

0 2.5 5

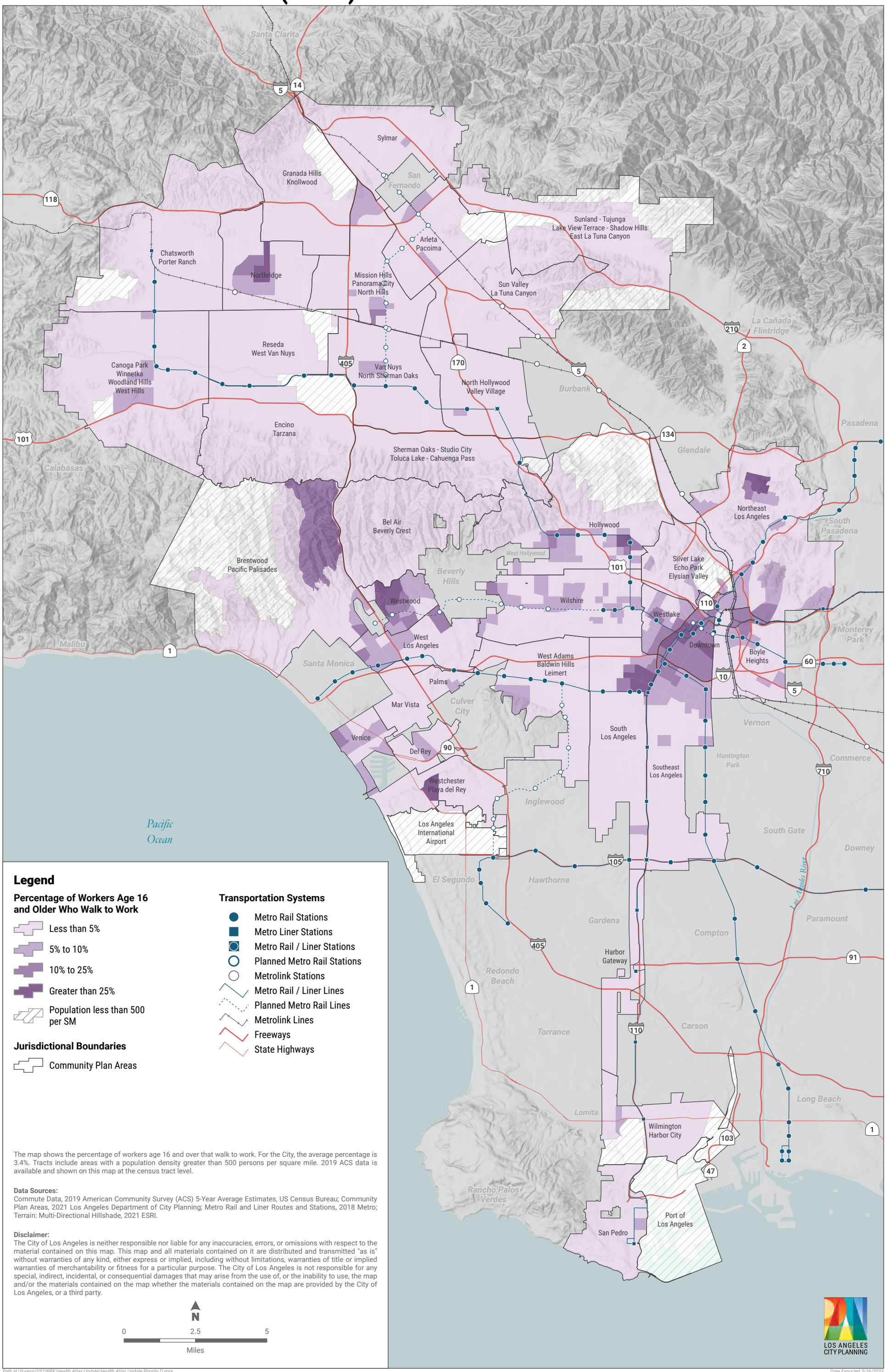
Miles

LOS ANGELES CITY PLANNING

Path H:\tluong\GIS1WRK\Health Atlas Update\Health Atlas Update Priority D.aprx

Date Exported 3/16/2022

Map 75
Pedestrian Commuters (2019)



Legend

Percentage of Workers Age 16 and Older Who Walk to Work

- Less than 5%
- 5% to 10%
- 10% to 25%
- Greater than 25%
- Population less than 500 per SM

Jurisdictional Boundaries

- Community Plan Areas

Transportation Systems

- Metro Rail Stations
- Metro Liner Stations
- Metro Rail / Liner Stations
- Planned Metro Rail Stations
- Metrolink Stations
- Metro Rail / Liner Lines
- Planned Metro Rail Lines
- Metrolink Lines
- Freeways
- State Highways

The map shows the percentage of workers age 16 and over that walk to work. For the City, the average percentage is 3.4%. Tracts include areas with a population density greater than 500 persons per square mile. 2019 ACS data is available and shown on this map at the census tract level.

Data Sources:
Commute Data, 2019 American Community Survey (ACS) 5-Year Average Estimates, US Census Bureau; Community Plan Areas, 2021 Los Angeles Department of City Planning; Metro Rail and Liner Routes and Stations, 2018 Metro; Terrain: Multi-Directional Hillshade, 2021 ESRI.

Disclaimer:
The City of Los Angeles is neither responsible nor liable for any inaccuracies, errors, or omissions with respect to the material contained on this map. This map and all materials contained on it are distributed and transmitted "as is" without warranties of any kind, either express or implied, including without limitations, warranties of title or implied warranties of merchantability or fitness for a particular purpose. The City of Los Angeles is not responsible for any special, indirect, incidental, or consequential damages that may arise from the use of, or the inability to use, the map and/or the materials contained on the map whether the materials contained on the map are provided by the City of Los Angeles, or a third party.

N

0 2.5 5

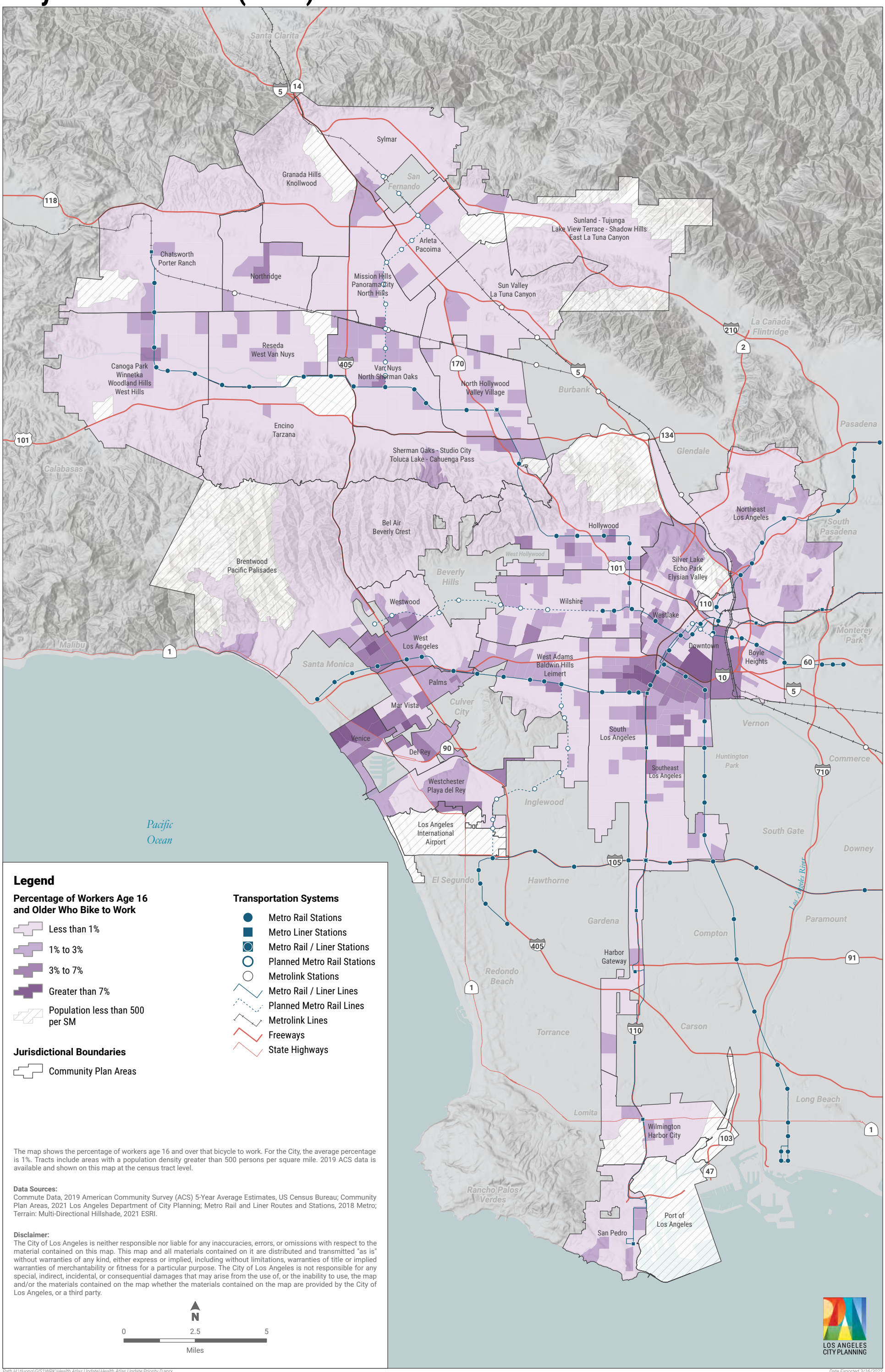
Miles

LOS ANGELES CITY PLANNING

Path H:\tluong\GIS\TWRK\Health Atlas Update\Health Atlas Update Priority D.aprx

Date Exported 3/16/2022

Map 76
Bicycle Commuters (2019)



Legend

Percentage of Workers Age 16 and Older Who Bike to Work

- Less than 1%
- 1% to 3%
- 3% to 7%
- Greater than 7%
- Population less than 500 per SM

Transportation Systems

- Metro Rail Stations
- Metro Liner Stations
- Metro Rail / Liner Stations
- Planned Metro Rail Stations
- Metrolink Stations
- Metro Rail / Liner Lines
- Planned Metro Rail Lines
- Metrolink Lines
- Freeways
- State Highways

Jurisdictional Boundaries

- Community Plan Areas

The map shows the percentage of workers age 16 and over that bicycle to work. For the City, the average percentage is 1%. Tracts include areas with a population density greater than 500 persons per square mile. 2019 ACS data is available and shown on this map at the census tract level.

Data Sources:
Commute Data, 2019 American Community Survey (ACS) 5-Year Average Estimates, US Census Bureau; Community Plan Areas, 2021 Los Angeles Department of City Planning; Metro Rail and Liner Routes and Stations, 2018 Metro; Terrain: Multi-Directional Hillshade, 2021 ESRI.

Disclaimer:
The City of Los Angeles is neither responsible nor liable for any inaccuracies, errors, or omissions with respect to the material contained on this map. This map and all materials contained on it are distributed and transmitted "as is" without warranties of any kind, either express or implied, including without limitations, warranties of title or implied warranties of merchantability or fitness for a particular purpose. The City of Los Angeles is not responsible for any special, indirect, incidental, or consequential damages that may arise from the use of, or the inability to use, the map and/or the materials contained on the map whether the materials contained on the map are provided by the City of Los Angeles, or a third party.

N

0 2.5 5

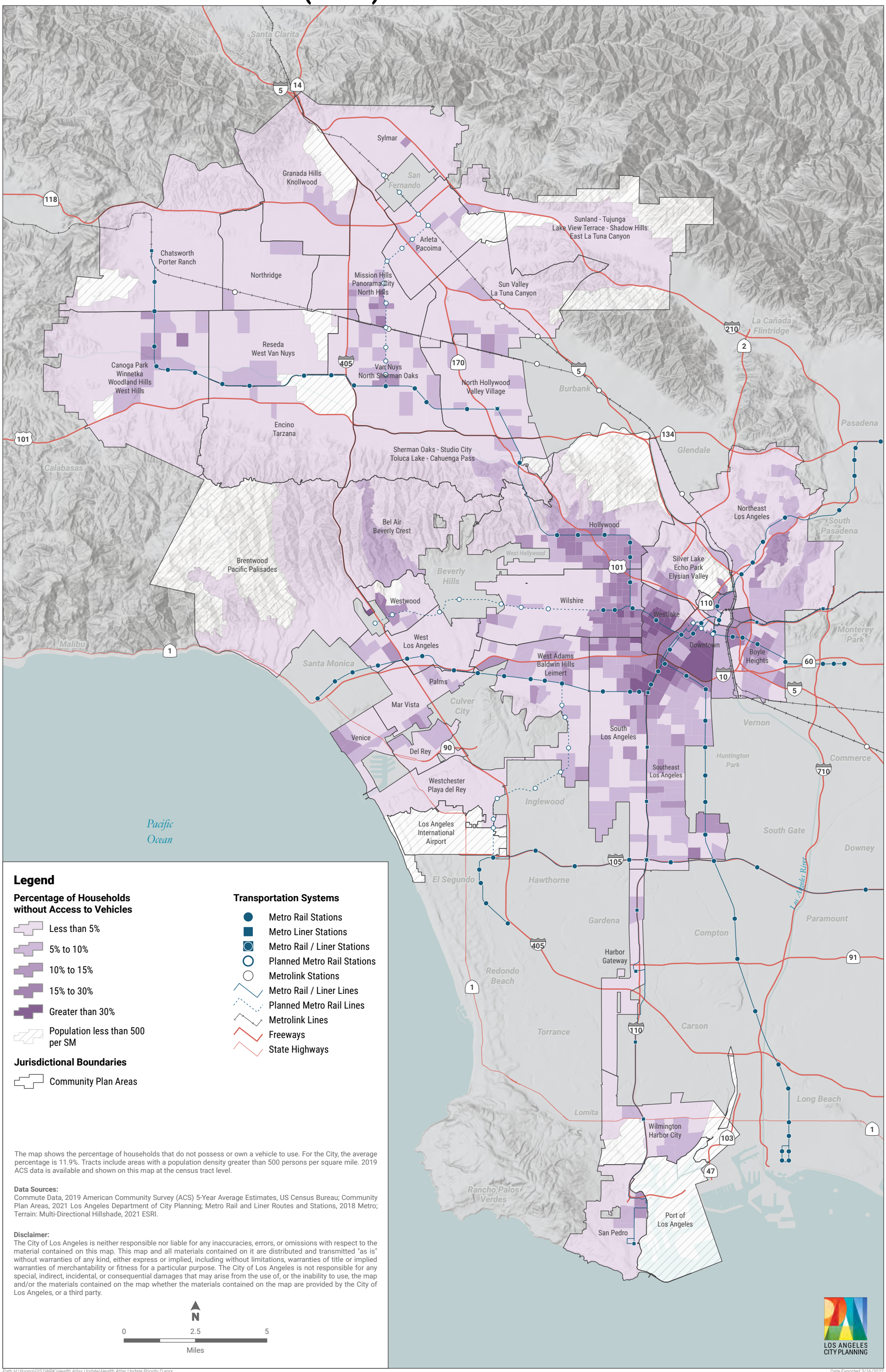
Miles

LOS ANGELES CITY PLANNING

Path H:\tluong\GIS\TWRK\Health Atlas Update\Health Atlas Update Priority D.aprx

Date Exported 3/16/2022

Map 77
Zero Vehicle Households (2019)



Legend

Percentage of Households without Access to Vehicles

- Less than 5%
- 5% to 10%
- 10% to 15%
- 15% to 30%
- Greater than 30%
- Population less than 500 per SM

Jurisdictional Boundaries

- Community Plan Areas

Transportation Systems

- Metro Rail Stations
- Metro Liner Stations
- Metro Rail / Liner Stations
- Planned Metro Rail Stations
- Metrolink Stations
- Metro Rail / Liner Lines
- Planned Metro Rail Lines
- Metrolink Lines
- Freeways
- State Highways

The map shows the percentage of households that do not possess or own a vehicle to use. For the City, the average percentage is 11.9%. Tracts include areas with a population density greater than 500 persons per square mile. 2019 ACS data is available and shown on this map at the census tract level.

Data Sources:
Commute Data, 2019 American Community Survey (ACS) 5-Year Average Estimates, US Census Bureau; Community Plan Areas, 2021 Los Angeles Department of City Planning; Metro Rail and Liner Routes and Stations, 2018 Metro; Terrain: Multi-Directional Hillshade, 2021 ESRI.

Disclaimer:
The City of Los Angeles is neither responsible nor liable for any inaccuracies, errors, or omissions with respect to the material contained on this map. This map and all materials contained on it are distributed and transmitted "as is" without warranties of any kind, either express or implied, including without limitations, warranties of title or implied warranties of merchantability or fitness for a particular purpose. The City of Los Angeles is not responsible for any special, indirect, incidental, or consequential damages that may arise from the use of, or the inability to use, the map and/or the materials contained on the map whether the materials contained on the map are provided by the City of Los Angeles, or a third party.

N

0 2.5 5

Miles

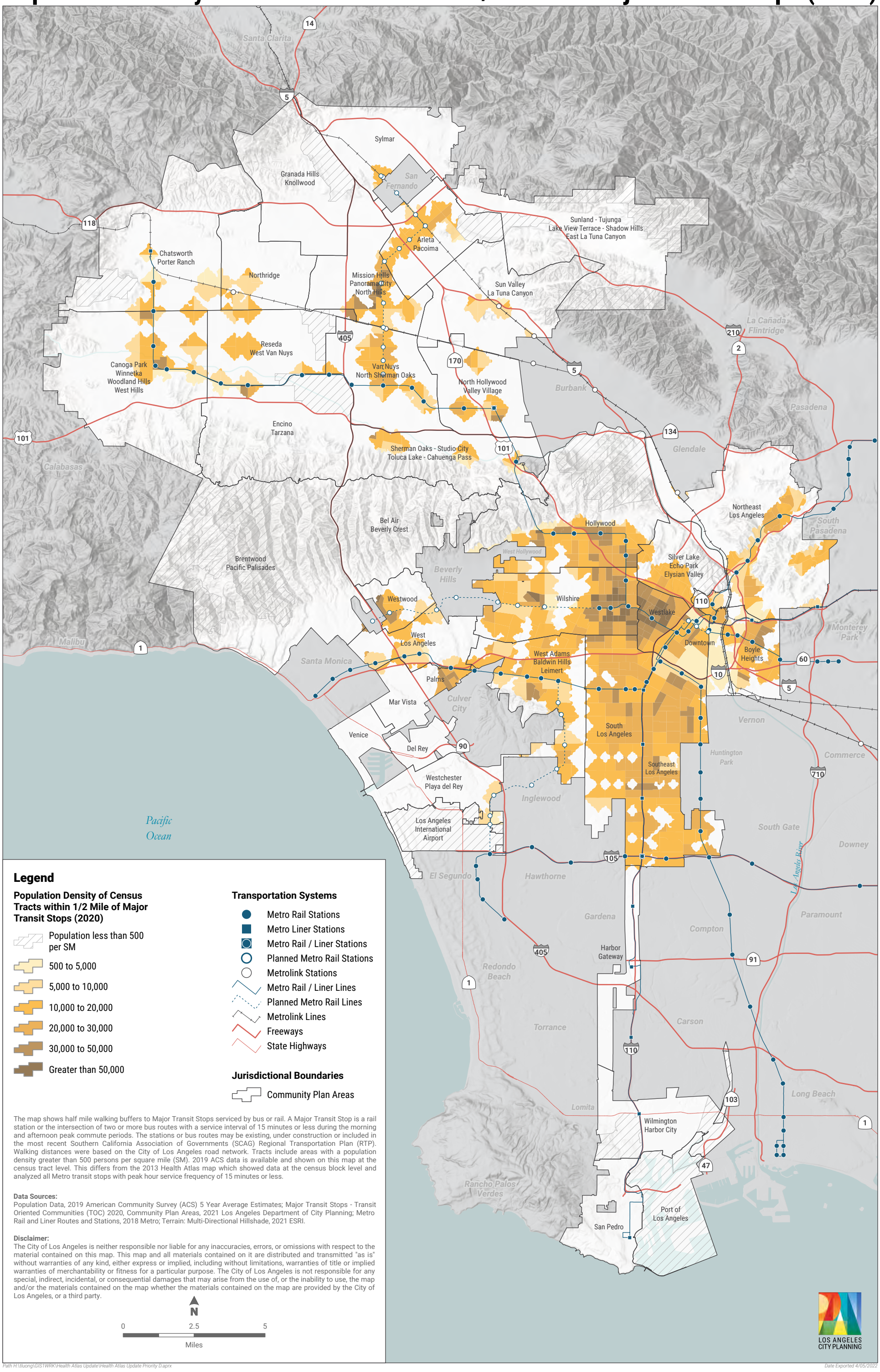
LOS ANGELES CITY PLANNING

Path H:\tluong\GIS\TWRK\Health Atlas Update\Health Atlas Update Priority D.aprx

Date Exported 3/16/2022

Map 78

Population Density of Census Tracts within 1/2 Mile of Major Transit Stops (2020)



Legend

Population Density of Census Tracts within 1/2 Mile of Major Transit Stops (2020)

- Population less than 500 per SM
- 500 to 5,000
- 5,000 to 10,000
- 10,000 to 20,000
- 20,000 to 30,000
- 30,000 to 50,000
- Greater than 50,000

Transportation Systems

- Metro Rail Stations
- Metro Liner Stations
- Metro Rail / Liner Stations
- Planned Metro Rail Stations
- Metrolink Stations
- Metro Rail / Liner Lines
- Planned Metro Rail Lines
- Metrolink Lines
- Freeways
- State Highways

Jurisdictional Boundaries

- Community Plan Areas

The map shows half mile walking buffers to Major Transit Stops serviced by bus or rail. A Major Transit Stop is a rail station or the intersection of two or more bus routes with a service interval of 15 minutes or less during the morning and afternoon peak commute periods. The stations or bus routes may be existing, under construction or included in the most recent Southern California Association of Governments (SCAG) Regional Transportation Plan (RTP). Walking distances were based on the City of Los Angeles road network. Tracts include areas with a population density greater than 500 persons per square mile (SM). 2019 ACS data is available and shown on this map at the census tract level. This differs from the 2013 Health Atlas map which showed data at the census block level and analyzed all Metro transit stops with peak hour service frequency of 15 minutes or less.

Data Sources:
Population Data, 2019 American Community Survey (ACS) 5 Year Average Estimates; Major Transit Stops - Transit Oriented Communities (TOC) 2020, Community Plan Areas, 2021 Los Angeles Department of City Planning; Metro Rail and Liner Routes and Stations, 2018 Metro; Terrain: Multi-Directional Hillshade, 2021 ESRI.

Disclaimer:
The City of Los Angeles is neither responsible nor liable for any inaccuracies, errors, or omissions with respect to the material contained on this map. This map and all materials contained on it are distributed and transmitted "as is" without warranties of any kind, either express or implied, including without limitations, warranties of title or implied warranties of merchantability or fitness for a particular purpose. The City of Los Angeles is not responsible for any special, indirect, incidental, or consequential damages that may arise from the use of, or the inability to use, the map and/or the materials contained on the map whether the materials contained on the map are provided by the City of Los Angeles, or a third party.

N

0 2.5 5

Miles

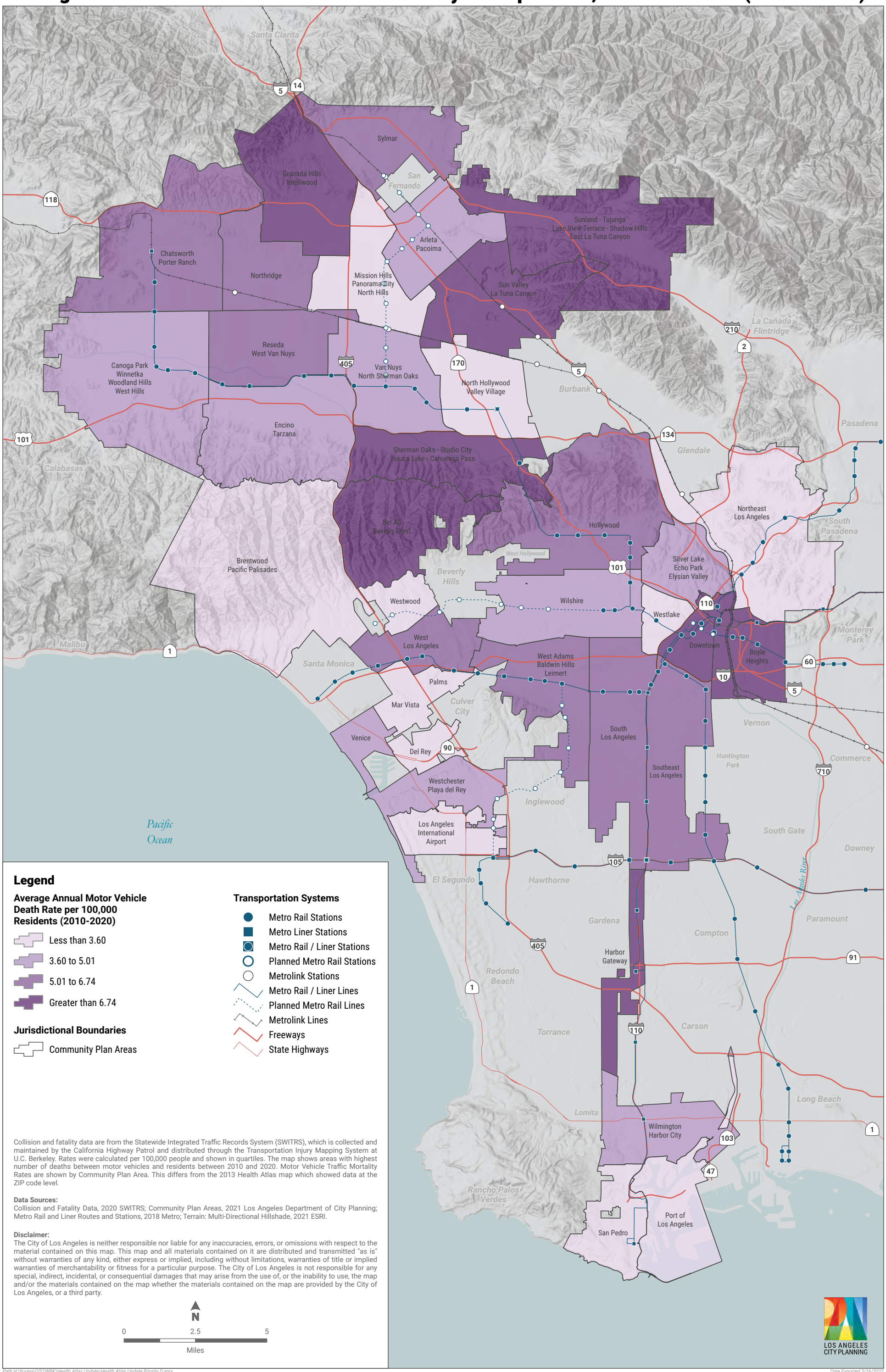
LOS ANGELES CITY PLANNING

Path H:\tluong\GIS1WRK\Health Atlas Update\Health Atlas Update Priority D.aprx

Date Exported 4/05/2022

Map 79

Average Annual Motor Vehicle Traffic Mortality Rate per 100,000 Residents (2010-2020)



Legend

Average Annual Motor Vehicle Death Rate per 100,000 Residents (2010-2020)

- Less than 3.60
- 3.60 to 5.01
- 5.01 to 6.74
- Greater than 6.74

Jurisdictional Boundaries

- Community Plan Areas

Transportation Systems

- Metro Rail Stations
- Metro Liner Stations
- Metro Rail / Liner Stations
- Planned Metro Rail Stations
- Metrolink Stations
- Metro Rail / Liner Lines
- Planned Metro Rail Lines
- Metrolink Lines
- Freeways
- State Highways

Collision and fatality data are from the Statewide Integrated Traffic Records System (SWITRS), which is collected and maintained by the California Highway Patrol and distributed through the Transportation Injury Mapping System at U.C. Berkeley. Rates were calculated per 100,000 people and shown in quartiles. The map shows areas with highest number of deaths between motor vehicles and residents between 2010 and 2020. Motor Vehicle Traffic Mortality Rates are shown by Community Plan Area. This differs from the 2013 Health Atlas map which showed data at the ZIP code level.

Data Sources:
Collision and Fatality Data, 2020 SWITRS; Community Plan Areas, 2021 Los Angeles Department of City Planning; Metro Rail and Liner Routes and Stations, 2018 Metro; Terrain: Multi-Directional Hillshade, 2021 ESRI.

Disclaimer:
The City of Los Angeles is neither responsible nor liable for any inaccuracies, errors, or omissions with respect to the material contained on this map. This map and all materials contained on it are distributed and transmitted "as is" without warranties of any kind, either express or implied, including without limitations, warranties of title or implied warranties of merchantability or fitness for a particular purpose. The City of Los Angeles is not responsible for any special, indirect, incidental, or consequential damages that may arise from the use of, or the inability to use, the map and/or the materials contained on the map whether the materials contained on the map are provided by the City of Los Angeles, or a third party.

N

0 2.5 5

Miles

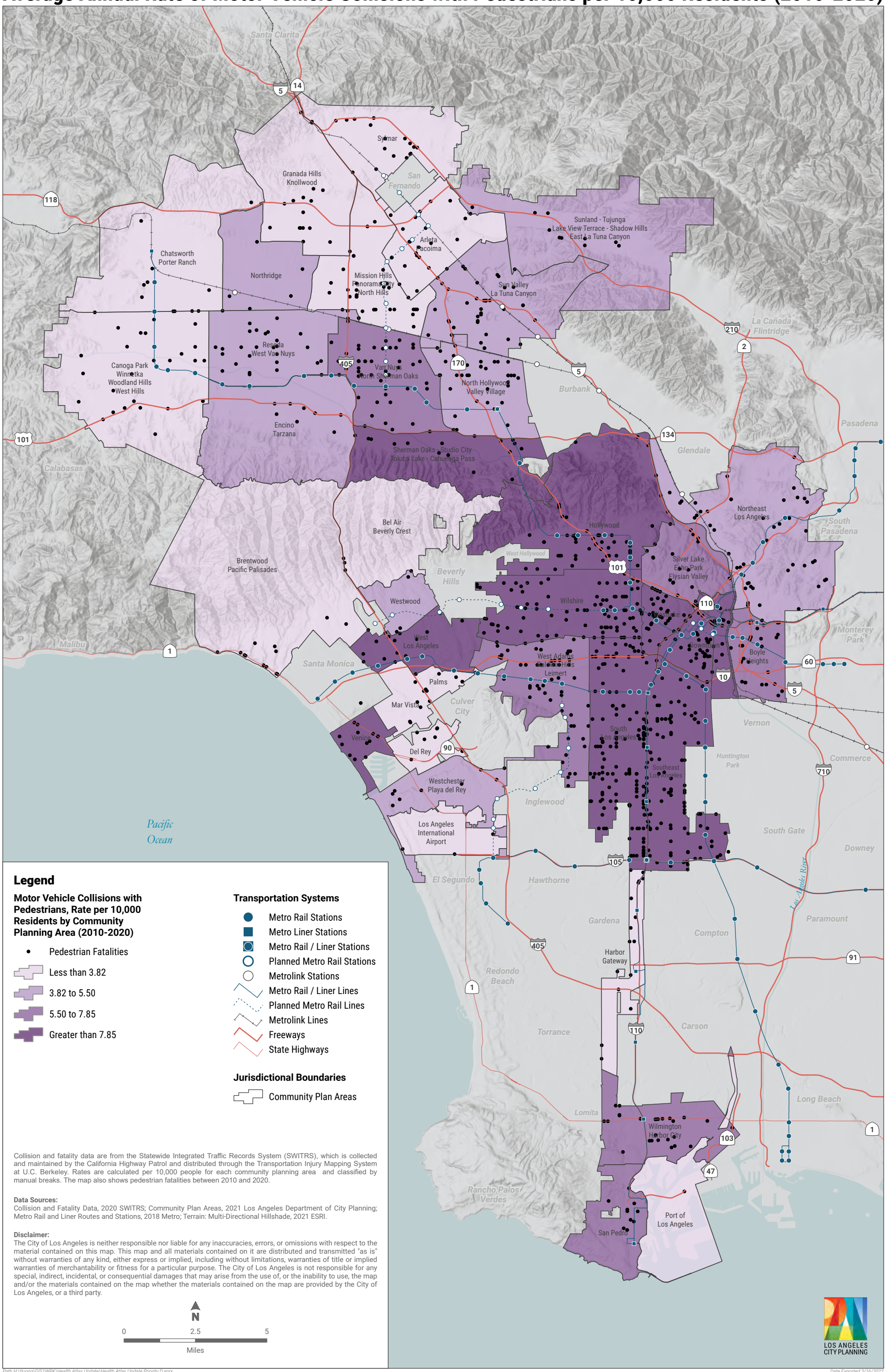
LOS ANGELES CITY PLANNING

Path H:\tluong\GIS1WRK\Health Atlas Update\Health Atlas Update Priority D.aprx

Date Exported 3/16/2022

Map 80

Average Annual Rate of Motor Vehicle Collisions with Pedestrians per 10,000 Residents (2010-2020)



Legend

Motor Vehicle Collisions with Pedestrians, Rate per 10,000 Residents by Community Planning Area (2010-2020)

- Pedestrian Fatalities
- Less than 3.82
- 3.82 to 5.50
- 5.50 to 7.85
- Greater than 7.85

Transportation Systems

- Metro Rail Stations
- Metro Liner Stations
- Metro Rail / Liner Stations
- Planned Metro Rail Stations
- Metrolink Stations
- Metro Rail / Liner Lines
- Planned Metro Rail Lines
- Metrolink Lines
- Freeways
- State Highways

Jurisdictional Boundaries

- Community Plan Areas

Collision and fatality data are from the Statewide Integrated Traffic Records System (SWITRS), which is collected and maintained by the California Highway Patrol and distributed through the Transportation Injury Mapping System at U.C. Berkeley. Rates are calculated per 10,000 people for each community planning area and classified by manual breaks. The map also shows pedestrian fatalities between 2010 and 2020.

Data Sources:
Collision and Fatality Data, 2020 SWITRS; Community Plan Areas, 2021 Los Angeles Department of City Planning; Metro Rail and Liner Routes and Stations, 2018 Metro; Terrain: Multi-Directional Hillshade, 2021 ESRI.

Disclaimer:
The City of Los Angeles is neither responsible nor liable for any inaccuracies, errors, or omissions with respect to the material contained on this map. This map and all materials contained on it are distributed and transmitted "as is" without warranties of any kind, either express or implied, including without limitations, warranties of title or implied warranties of merchantability or fitness for a particular purpose. The City of Los Angeles is not responsible for any special, indirect, incidental, or consequential damages that may arise from the use of, or the inability to use, the map and/or the materials contained on the map whether the materials contained on the map are provided by the City of Los Angeles, or a third party.

N

0 2.5 5

Miles

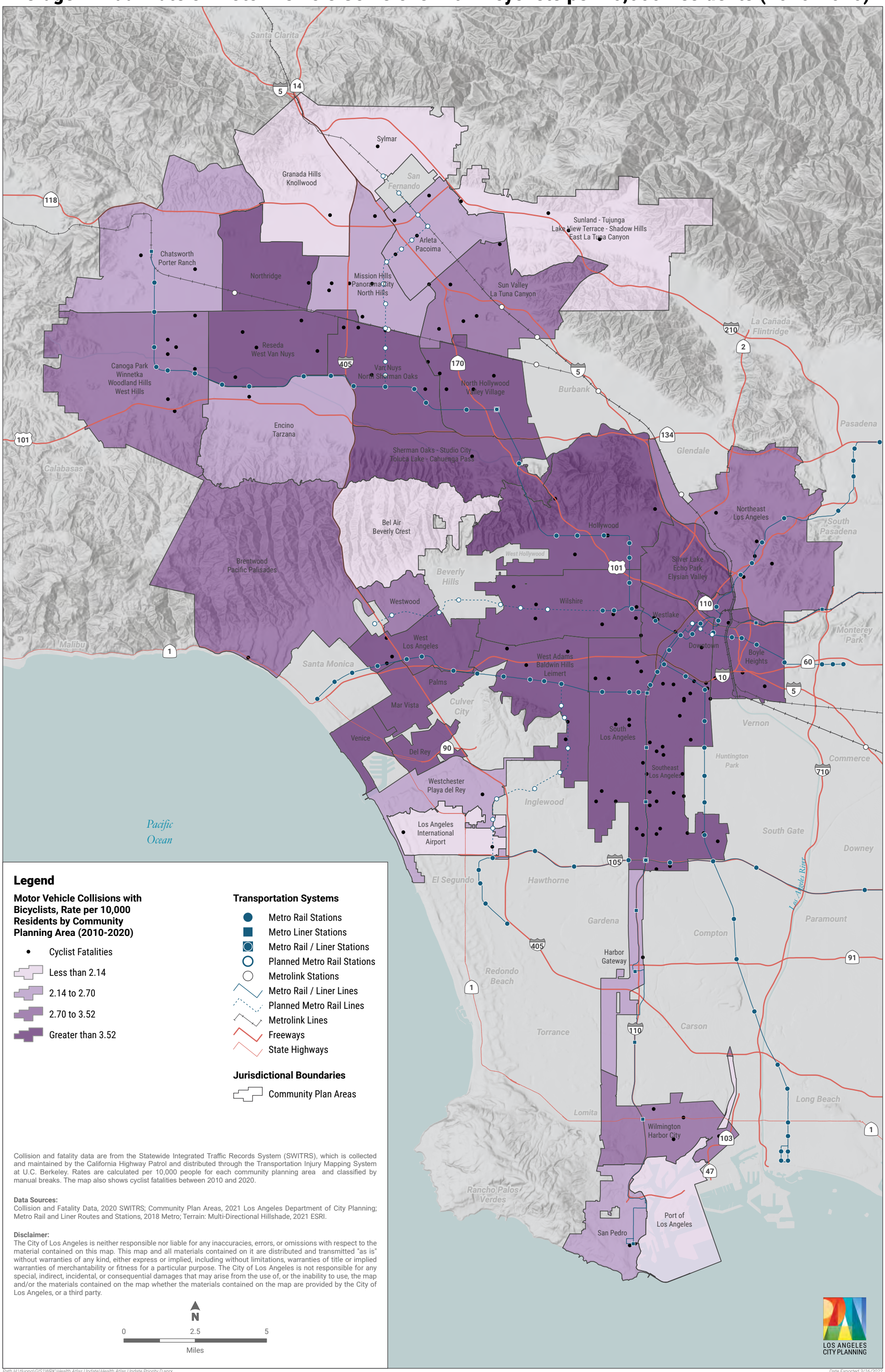
LOS ANGELES CITY PLANNING

Path H:\tluong\GIS1WRK\Health Atlas Update\Health Atlas Update Priority D.aprx

Date Exported 3/16/2022

Map 81

Average Annual Rate of Motor Vehicle Collisions with Bicyclists per 10,000 Residents (2010-2020)



Collision and fatality data are from the Statewide Integrated Traffic Records System (SWITRS), which is collected and maintained by the California Highway Patrol and distributed through the Transportation Injury Mapping System at U.C. Berkeley. Rates are calculated per 10,000 people for each community planning area and classified by manual breaks. The map also shows cyclist fatalities between 2010 and 2020.

Data Sources:
Collision and Fatality Data, 2020 SWITRS; Community Plan Areas, 2021 Los Angeles Department of City Planning; Metro Rail and Liner Routes and Stations, 2018 Metro; Terrain: Multi-Directional Hillshade, 2021 ESRI.

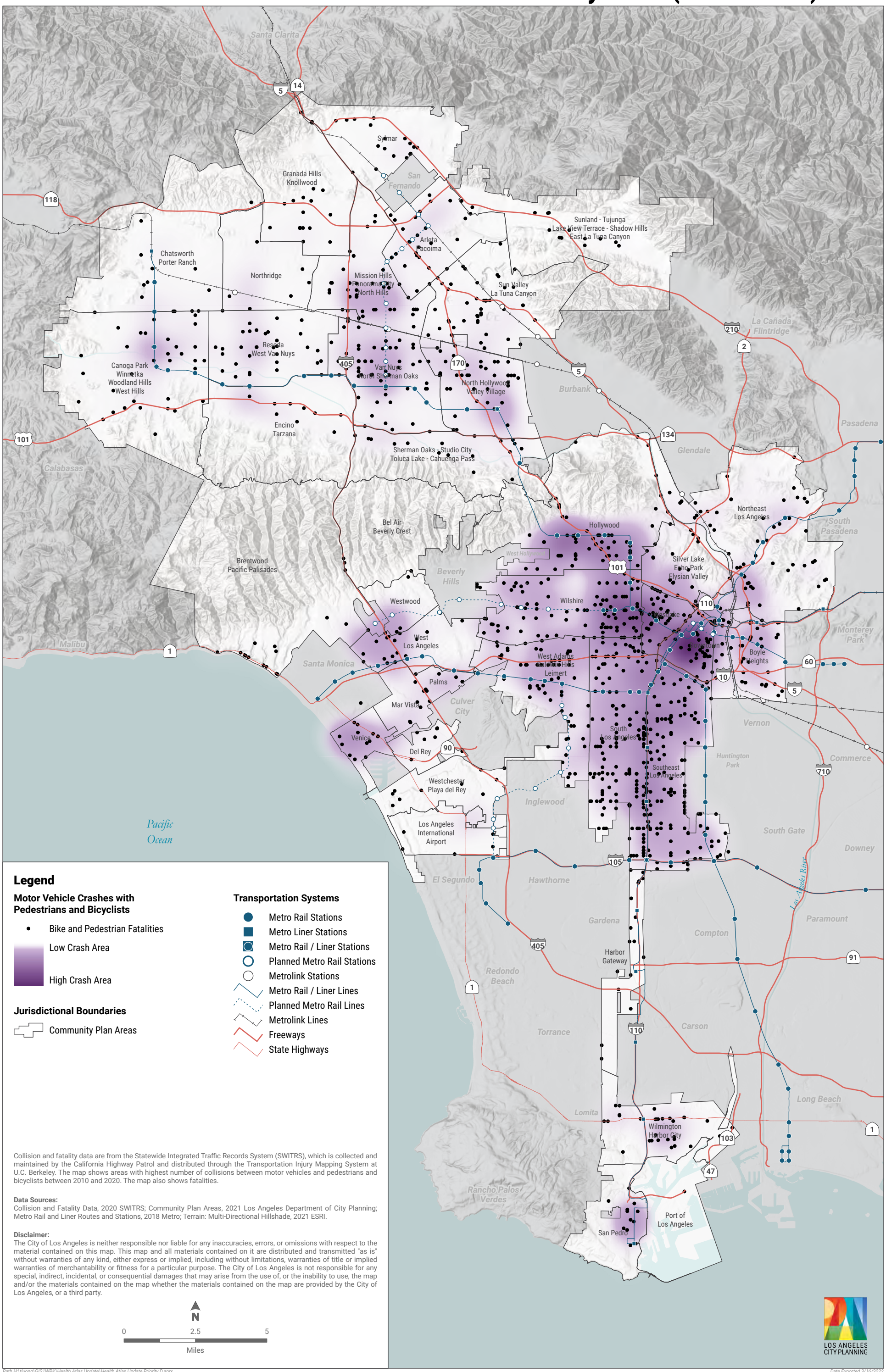
Disclaimer:
The City of Los Angeles is neither responsible nor liable for any inaccuracies, errors, or omissions with respect to the material contained on this map. This map and all materials contained on it are distributed and transmitted "as is" without warranties of any kind, either express or implied, including without limitations, warranties of title or implied warranties of merchantability or fitness for a particular purpose. The City of Los Angeles is not responsible for any special, indirect, incidental, or consequential damages that may arise from the use of, or the inability to use, the map and/or the materials contained on the map whether the materials contained on the map are provided by the City of Los Angeles, or a third party.

Path H:\tluong\GIS1WRK\Health Atlas Update\Health Atlas Update Priority D.aprx

Date Exported 3/16/2022

Map 82

Motor Vehicle Collisions with Pedestrians and Bicyclists (2010-2020)



Legend

Motor Vehicle Crashes with Pedestrians and Bicyclists

- Bike and Pedestrian Fatalities
- Low Crash Area
- High Crash Area

Jurisdictional Boundaries

- Community Plan Areas

Transportation Systems

- Metro Rail Stations
- Metro Liner Stations
- Metro Rail / Liner Stations
- Planned Metro Rail Stations
- Metrolink Stations
- Metro Rail / Liner Lines
- Planned Metro Rail Lines
- Metrolink Lines
- Freeways
- State Highways

Collision and fatality data are from the Statewide Integrated Traffic Records System (SWITRS), which is collected and maintained by the California Highway Patrol and distributed through the Transportation Injury Mapping System at U.C. Berkeley. The map shows areas with highest number of collisions between motor vehicles and pedestrians and bicyclists between 2010 and 2020. The map also shows fatalities.

Data Sources:
Collision and Fatality Data, 2020 SWITRS; Community Plan Areas, 2021 Los Angeles Department of City Planning; Metro Rail and Liner Routes and Stations, 2018 Metro; Terrain: Multi-Directional Hillshade, 2021 ESRI.

Disclaimer:
The City of Los Angeles is neither responsible nor liable for any inaccuracies, errors, or omissions with respect to the material contained on this map. This map and all materials contained on it are distributed and transmitted "as is" without warranties of any kind, either express or implied, including without limitations, warranties of title or implied warranties of merchantability or fitness for a particular purpose. The City of Los Angeles is not responsible for any special, indirect, incidental, or consequential damages that may arise from the use of, or the inability to use, the map and/or the materials contained on the map whether the materials contained on the map are provided by the City of Los Angeles, or a third party.

N

0 2.5 5

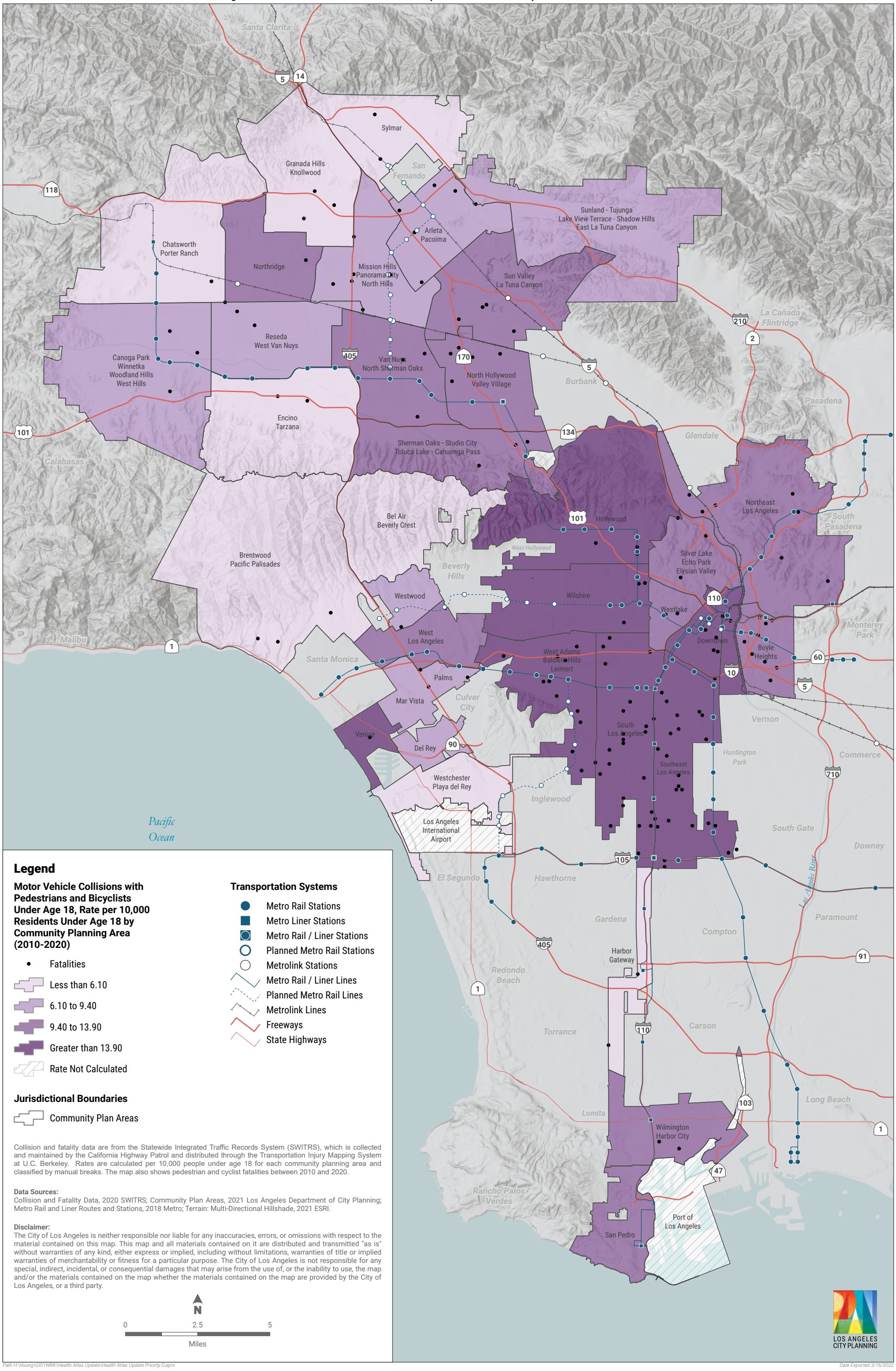
Miles

Path H:\tluong\GIS\TWRK\Health Atlas Update\Health Atlas Update Priority D.aprx

Date Exported 3/16/2022

Map 83

Average Annual Rate of Motor Vehicle Collisions with Pedestrians and Bicyclists Under Age 18 within ½ Mile of a School per 10,000 Residents (2010-2020)



Legend

Motor Vehicle Collisions with Pedestrians and Bicyclists Under Age 18, Rate per 10,000 Residents Under Age 18 by Community Planning Area (2010-2020)

- Fatalities
- Less than 6.10
- 6.10 to 9.40
- 9.40 to 13.90
- Greater than 13.90
- Rate Not Calculated

Jurisdictional Boundaries

- Community Plan Areas

Transportation Systems

- Metro Rail Stations
- Metro Liner Stations
- Metro Rail / Liner Stations
- Planned Metro Rail Stations
- Metrolink Stations
- Metro Rail / Liner Lines
- Planned Metro Rail Lines
- Metrolink Lines
- Freeways
- State Highways

Collision and fatality data are from the Statewide Integrated Traffic Records System (SWITRS), which is collected and maintained by the California Highway Patrol and distributed through the Transportation Injury Mapping System at U.C. Berkeley. Rates are calculated per 10,000 people under age 18 for each community planning area and classified by manual breaks. The map also shows pedestrian and cyclist fatalities between 2010 and 2020.

Data Sources:
Collision and Fatality Data, 2020 SWITRS; Community Plan Areas, 2021 Los Angeles Department of City Planning; Metro Rail and Liner Routes and Stations, 2018 Metro; Terrain: Multi-Directional Hillshade, 2021 ESRI.

Disclaimer:
The City of Los Angeles is neither responsible nor liable for any inaccuracies, errors, or omissions with respect to the material contained on this map. This map and all materials contained on it are distributed and transmitted "as is" without warranties of any kind, either express or implied, including without limitations, warranties of title or implied warranties of merchantability or fitness for a particular purpose. The City of Los Angeles is not responsible for any special, indirect, incidental, or consequential damages that may arise from the use of, or the inability to use, the map and/or the materials contained on the map whether the materials contained on the map are provided by the City of Los Angeles, or a third party.

N

0 2.5 5

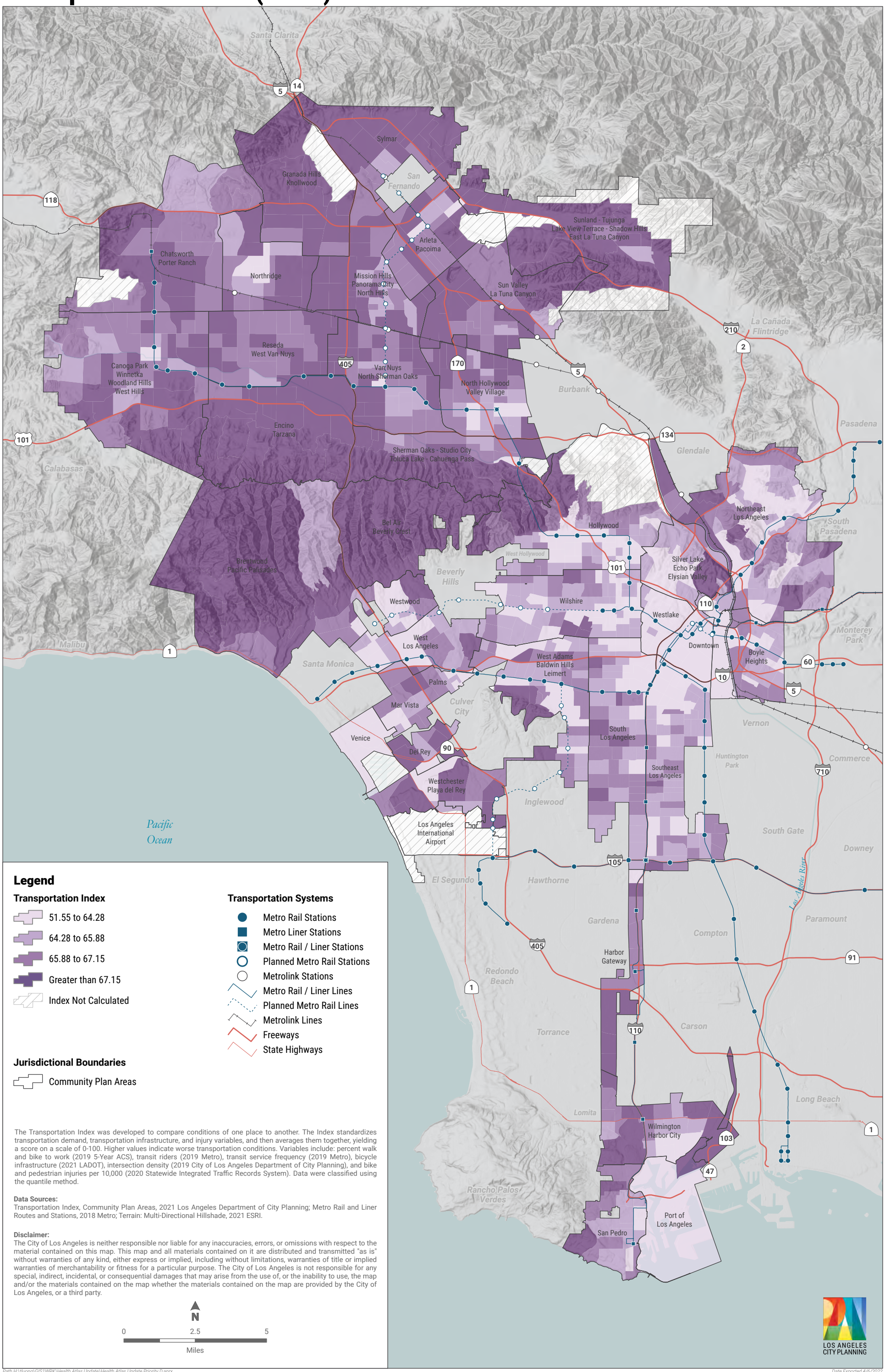
Miles

Path H:\tluong\GIS\TWRK\Health Atlas Update\Health Atlas Update Priority D.aprx

Date Exported 3/16/2022

Map 84

Transportation Index (2021)



Legend

Transportation Index

- 51.55 to 64.28
- 64.28 to 65.88
- 65.88 to 67.15
- Greater than 67.15
- Index Not Calculated

Transportation Systems

- Metro Rail Stations
- Metro Liner Stations
- Metro Rail / Liner Stations
- Planned Metro Rail Stations
- Metrolink Stations
- Metro Rail / Liner Lines
- Planned Metro Rail Lines
- Metrolink Lines
- Freeways
- State Highways

Jurisdictional Boundaries

- Community Plan Areas

The Transportation Index was developed to compare conditions of one place to another. The Index standardizes transportation demand, transportation infrastructure, and injury variables, and then averages them together, yielding a score on a scale of 0-100. Higher values indicate worse transportation conditions. Variables include: percent walk and bike to work (2019 5-Year ACS), transit riders (2019 Metro), transit service frequency (2019 Metro), bicycle infrastructure (2021 LADOT), intersection density (2019 City of Los Angeles Department of City Planning), and bike and pedestrian injuries per 10,000 (2020 Statewide Integrated Traffic Records System). Data were classified using the quantile method.

Data Sources:
Transportation Index, Community Plan Areas, 2021 Los Angeles Department of City Planning; Metro Rail and Liner Routes and Stations, 2018 Metro; Terrain: Multi-Directional Hillshade, 2021 ESRI.

Disclaimer:
The City of Los Angeles is neither responsible nor liable for any inaccuracies, errors, or omissions with respect to the material contained on this map. This map and all materials contained on it are distributed and transmitted "as is" without warranties of any kind, either express or implied, including without limitations, warranties of title or implied warranties of merchantability or fitness for a particular purpose. The City of Los Angeles is not responsible for any special, indirect, incidental, or consequential damages that may arise from the use of, or the inability to use, the map and/or the materials contained on the map whether the materials contained on the map are provided by the City of Los Angeles, or a third party.

N

0 2.5 5

Miles

LOS ANGELES CITY PLANNING

Path H:\tluong\GIS1WRK\Health Atlas Update\Health Atlas Update Priority D.aprx

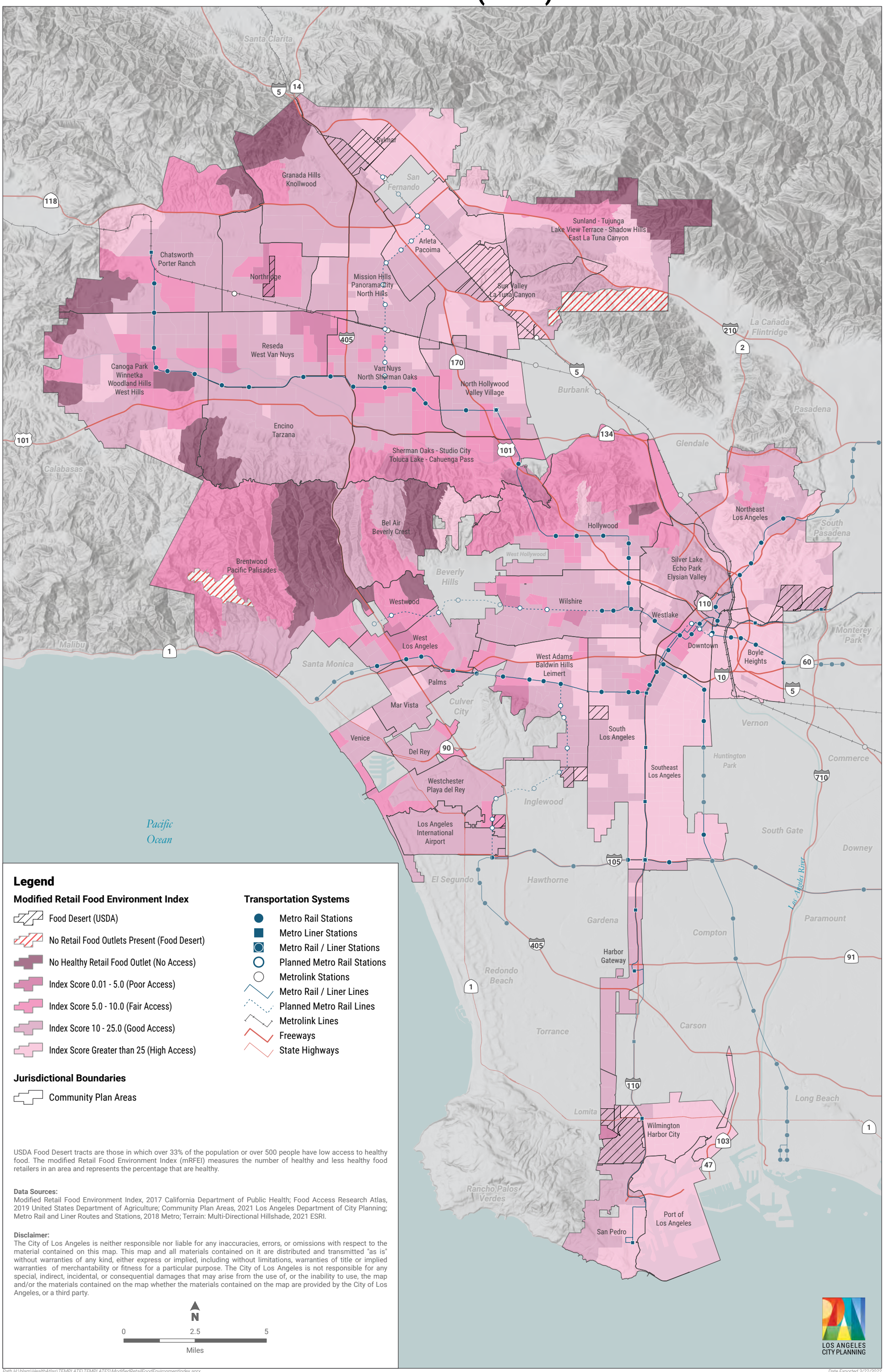
Date Exported 4/6/2022

FOOD SYSTEMS

Chapter 9

Map 85

Modified Retail Food Environment Index (2017)



Legend

Modified Retail Food Environment Index

- Food Desert (USDA)
- No Retail Food Outlets Present (Food Desert)
- No Healthy Retail Food Outlet (No Access)
- Index Score 0.01 - 5.0 (Poor Access)
- Index Score 5.0 - 10.0 (Fair Access)
- Index Score 10 - 25.0 (Good Access)
- Index Score Greater than 25 (High Access)

Transportation Systems

- Metro Rail Stations
- Metro Liner Stations
- Metro Rail / Liner Stations
- Planned Metro Rail Stations
- Metrolink Stations
- Metro Rail / Liner Lines
- Planned Metro Rail Lines
- Metrolink Lines
- Freeways
- State Highways

Jurisdictional Boundaries

- Community Plan Areas

USDA Food Desert tracts are those in which over 33% of the population or over 500 people have low access to healthy food. The modified Retail Food Environment Index (mRFEI) measures the number of healthy and less healthy food retailers in an area and represents the percentage that are healthy.

Data Sources:
Modified Retail Food Environment Index, 2017 California Department of Public Health; Food Access Research Atlas, 2019 United States Department of Agriculture; Community Plan Areas, 2021 Los Angeles Department of City Planning; Metro Rail and Liner Routes and Stations, 2018 Metro; Terrain: Multi-Directional Hillshade, 2021 ESRI.

Disclaimer:
The City of Los Angeles is neither responsible nor liable for any inaccuracies, errors, or omissions with respect to the material contained on this map. This map and all materials contained on it are distributed and transmitted "as is" without warranties of any kind, either express or implied, including without limitations, warranties of title or implied warranties of merchantability or fitness for a particular purpose. The City of Los Angeles is not responsible for any special, indirect, incidental, or consequential damages that may arise from the use of, or the inability to use, the map and/or the materials contained on the map whether the materials contained on the map are provided by the City of Los Angeles, or a third party.

N

0 2.5 5

Miles

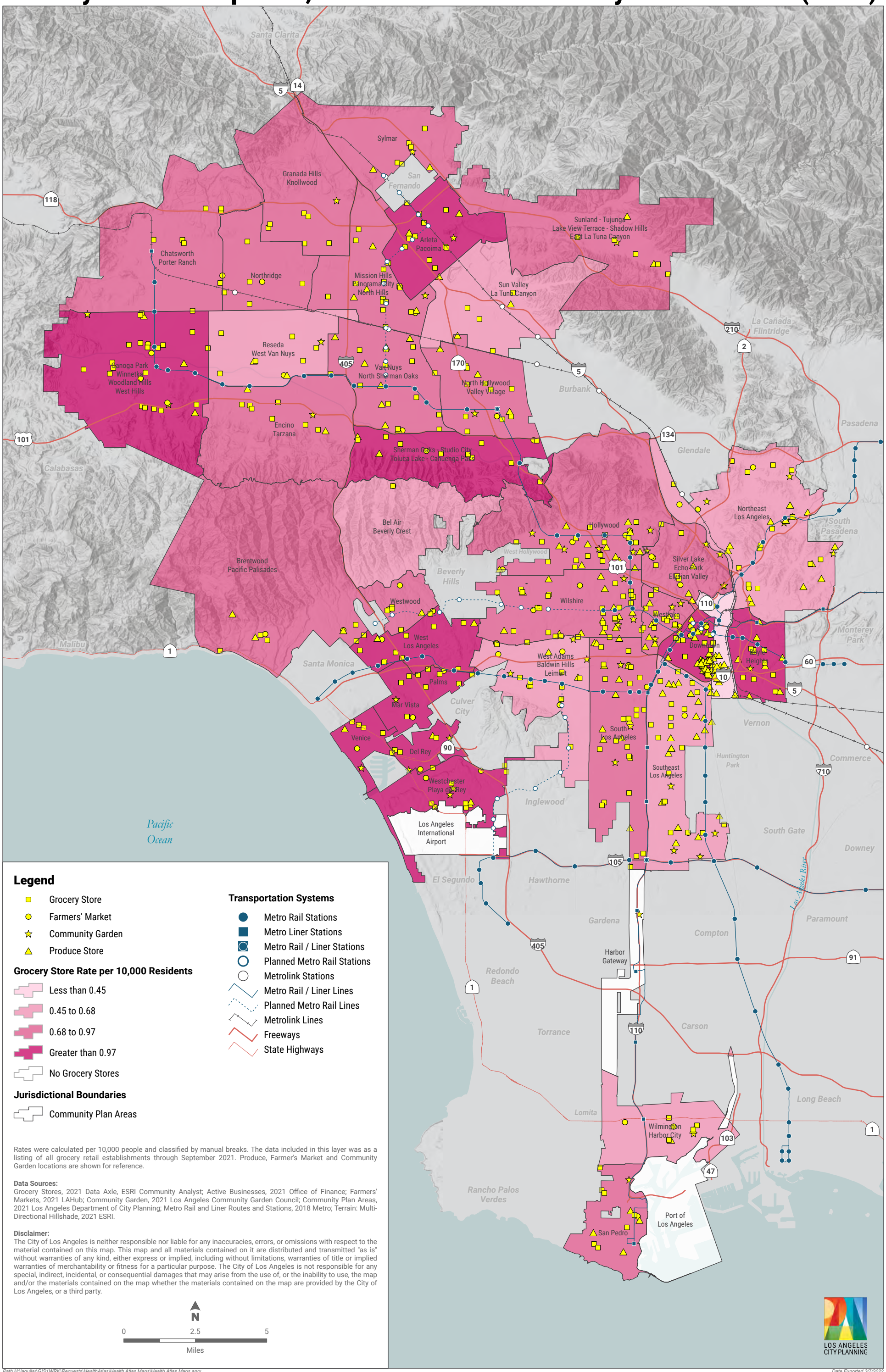
LOS ANGELES CITY PLANNING

Path H:\blam\HealthAtlas\TEMPLATE\TEMPLATES\ModifiedRetailFoodEnvironmentIndex.aprx

Date Exported 3/22/2022

Map 86

Grocery Store Rate per 10,000 Residents and Healthy Food Sources (2021)



Legend

- Grocery Store
- Farmers' Market
- Community Garden
- Produce Store

Grocery Store Rate per 10,000 Residents

- Less than 0.45
- 0.45 to 0.68
- 0.68 to 0.97
- Greater than 0.97
- No Grocery Stores

Jurisdictional Boundaries

- Community Plan Areas

Transportation Systems

- Metro Rail Stations
- Metro Liner Stations
- Metro Rail / Liner Stations
- Planned Metro Rail Stations
- Metrolink Stations
- Metro Rail / Liner Lines
- Planned Metro Rail Lines
- Metrolink Lines
- Freeways
- State Highways

Rates were calculated per 10,000 people and classified by manual breaks. The data included in this layer was as a listing of all grocery retail establishments through September 2021. Produce, Farmer's Market and Community Garden locations are shown for reference.

Data Sources:
Grocery Stores, 2021 Data Axle, ESRI Community Analyst; Active Businesses, 2021 Office of Finance; Farmers' Markets, 2021 LAHub; Community Garden, 2021 Los Angeles Community Garden Council; Community Plan Areas, 2021 Los Angeles Department of City Planning; Metro Rail and Liner Routes and Stations, 2018 Metro; Terrain: Multi-Directional Hillshade, 2021 ESRI.

Disclaimer:
The City of Los Angeles is neither responsible nor liable for any inaccuracies, errors, or omissions with respect to the material contained on this map. This map and all materials contained on it are distributed and transmitted "as is" without warranties of any kind, either express or implied, including without limitations, warranties of title or implied warranties of merchantability or fitness for a particular purpose. The City of Los Angeles is not responsible for any special, indirect, incidental, or consequential damages that may arise from the use of, or the inability to use, the map and/or the materials contained on the map whether the materials contained on the map are provided by the City of Los Angeles, or a third party.

N

0 2.5 5

Miles

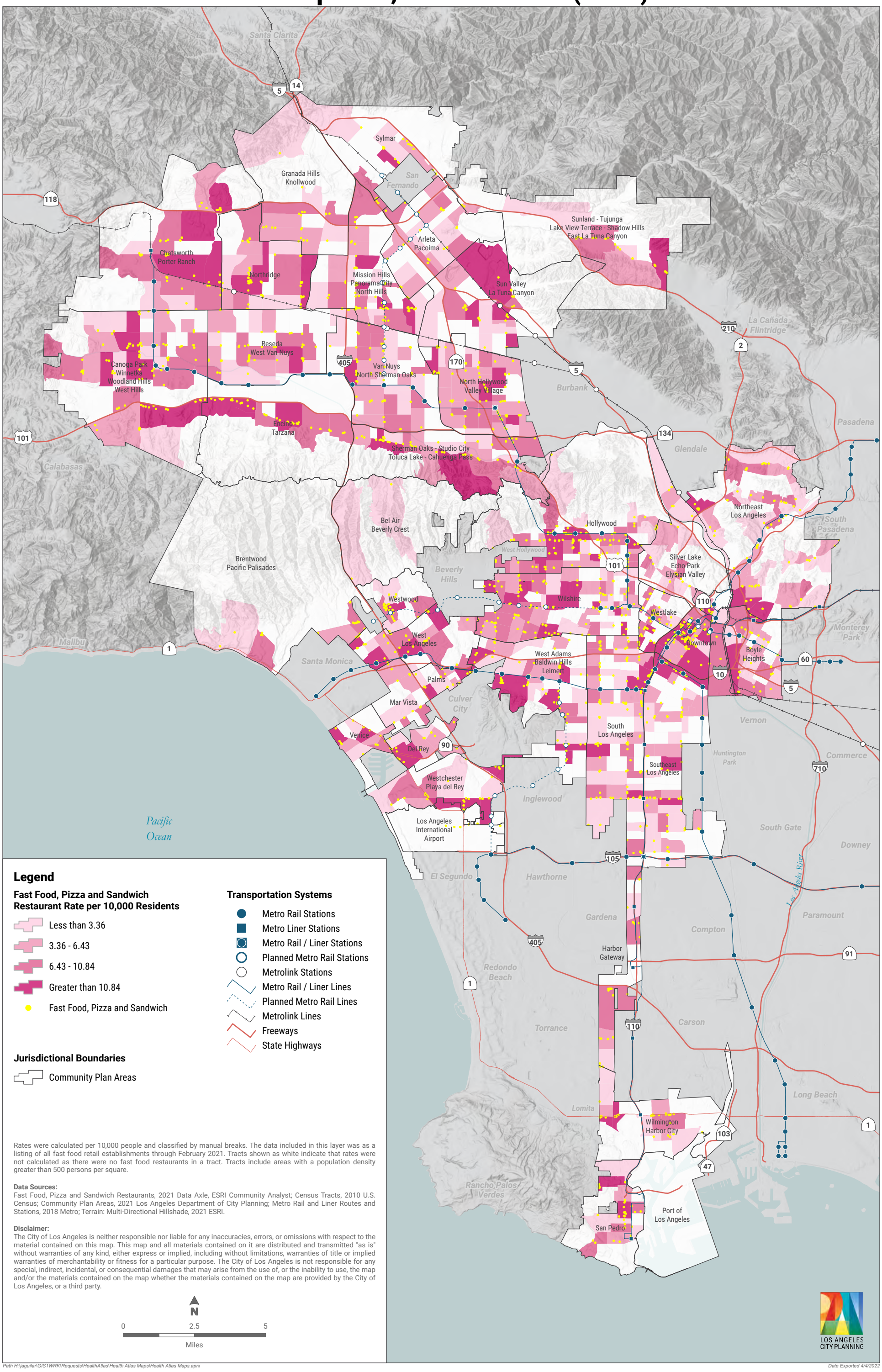
LOS ANGELES CITY PLANNING

Path H:\jaguilar\GIS1WRK\Requests\HealthAtlas\Health Atlas Maps\Health Atlas Maps.aprx

Date Exported 3/7/2022

Map 87

Fast Food Restaurant Rate per 10,000 Residents (2021)



Legend

Fast Food, Pizza and Sandwich Restaurant Rate per 10,000 Residents

- Less than 3.36
- 3.36 - 6.43
- 6.43 - 10.84
- Greater than 10.84
- Fast Food, Pizza and Sandwich

Transportation Systems

- Metro Rail Stations
- Metro Liner Stations
- Metro Rail / Liner Stations
- Planned Metro Rail Stations
- Metrolink Stations
- Metro Rail / Liner Lines
- Planned Metro Rail Lines
- Metrolink Lines
- Freeways
- State Highways

Jurisdictional Boundaries

- Community Plan Areas

Rates were calculated per 10,000 people and classified by manual breaks. The data included in this layer was as a listing of all fast food retail establishments through February 2021. Tracts shown as white indicate that rates were not calculated as there were no fast food restaurants in a tract. Tracts include areas with a population density greater than 500 persons per square.

Data Sources:
Fast Food, Pizza and Sandwich Restaurants, 2021 Data Axle, ESRI Community Analyst; Census Tracts, 2010 U.S. Census; Community Plan Areas, 2021 Los Angeles Department of City Planning; Metro Rail and Liner Routes and Stations, 2018 Metro; Terrain: Multi-Directional Hillshade, 2021 ESRI.

Disclaimer:
The City of Los Angeles is neither responsible nor liable for any inaccuracies, errors, or omissions with respect to the material contained on this map. This map and all materials contained on it are distributed and transmitted "as is" without warranties of any kind, either express or implied, including without limitations, warranties of title or implied warranties of merchantability or fitness for a particular purpose. The City of Los Angeles is not responsible for any special, indirect, incidental, or consequential damages that may arise from the use of, or the inability to use, the map and/or the materials contained on the map whether the materials contained on the map are provided by the City of Los Angeles, or a third party.

N

0 2.5 5

Miles

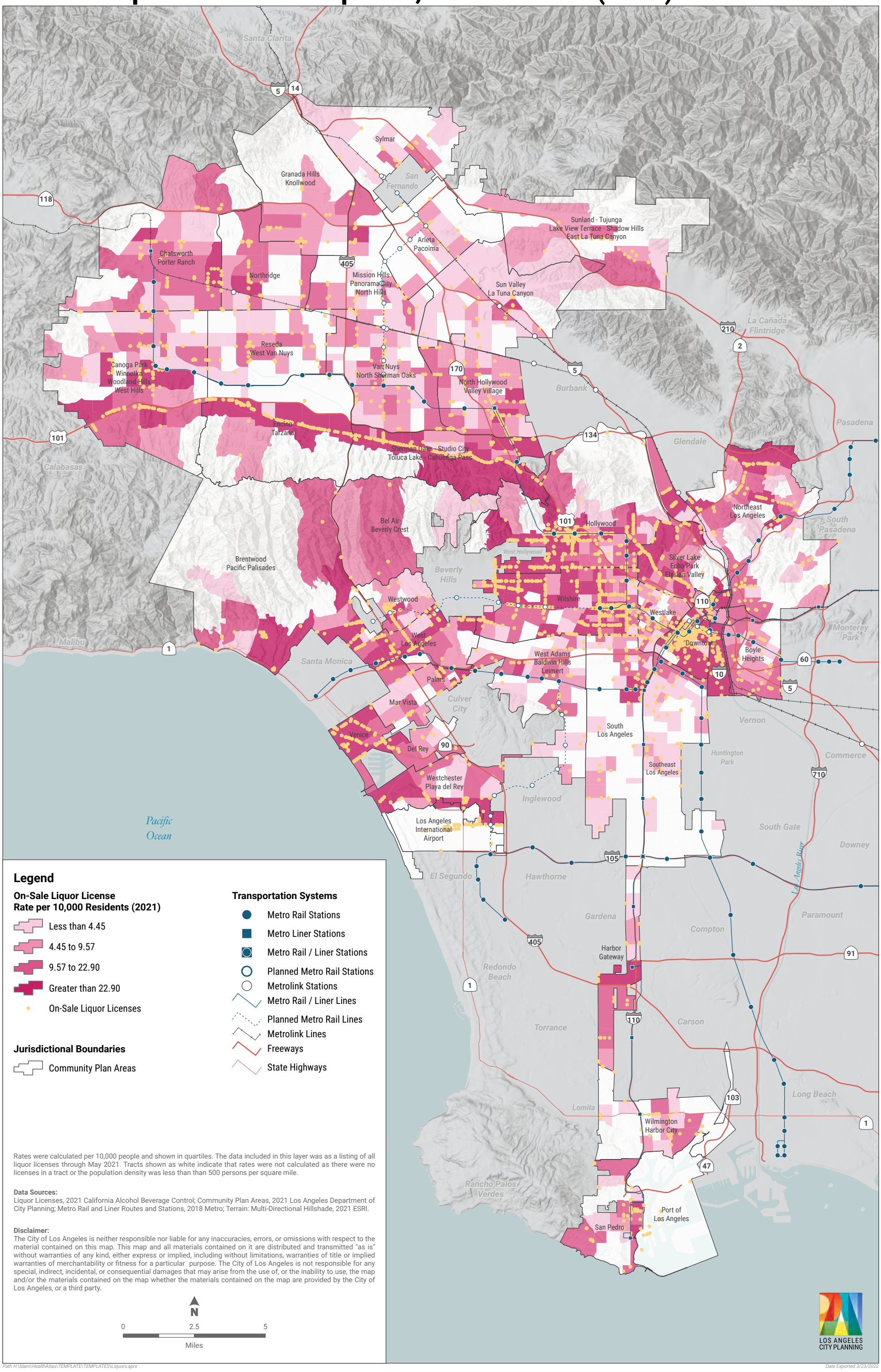
LOS ANGELES CITY PLANNING

Path H:\jaguilar\GIS1WRK\Requests\HealthAtlas\Health Atlas Maps\Health Atlas Maps.aprx

Date Exported 4/4/2022

Map 88

On-Sale Liquor License Rate per 10,000 Residents (2021)



Legend

On-Sale Liquor License Rate per 10,000 Residents (2021)

- Less than 4.45
- 4.45 to 9.57
- 9.57 to 22.90
- Greater than 22.90
- On-Sale Liquor Licenses

Jurisdictional Boundaries

- Community Plan Areas

Transportation Systems

- Metro Rail Stations
- Metro Liner Stations
- Metro Rail / Liner Stations
- Planned Metro Rail Stations
- Metrolink Stations
- Metro Rail / Liner Lines
- Planned Metro Rail Lines
- Metrolink Lines
- Freeways
- State Highways

Rates were calculated per 10,000 people and shown in quartiles. The data included in this layer was as a listing of all liquor licenses through May 2021. Tracts shown as white indicate that rates were not calculated as there were no licenses in a tract or the population density was less than than 500 persons per square mile.

Data Sources:
Liquor Licenses, 2021 California Alcohol Beverage Control; Community Plan Areas, 2021 Los Angeles Department of City Planning; Metro Rail and Liner Routes and Stations, 2018 Metro; Terrain: Multi-Directional Hillshade, 2021 ESRI.

Disclaimer:
The City of Los Angeles is neither responsible nor liable for any inaccuracies, errors, or omissions with respect to the material contained on this map. This map and all materials contained on it are distributed and transmitted "as is" without warranties of any kind, either express or implied, including without limitations, warranties of title or implied warranties of merchantability or fitness for a particular purpose. The City of Los Angeles is not responsible for any special, indirect, incidental, or consequential damages that may arise from the use of, or the inability to use, the map and/or the materials contained on the map whether the materials contained on the map are provided by the City of Los Angeles, or a third party.

N

0 2.5 5

Miles

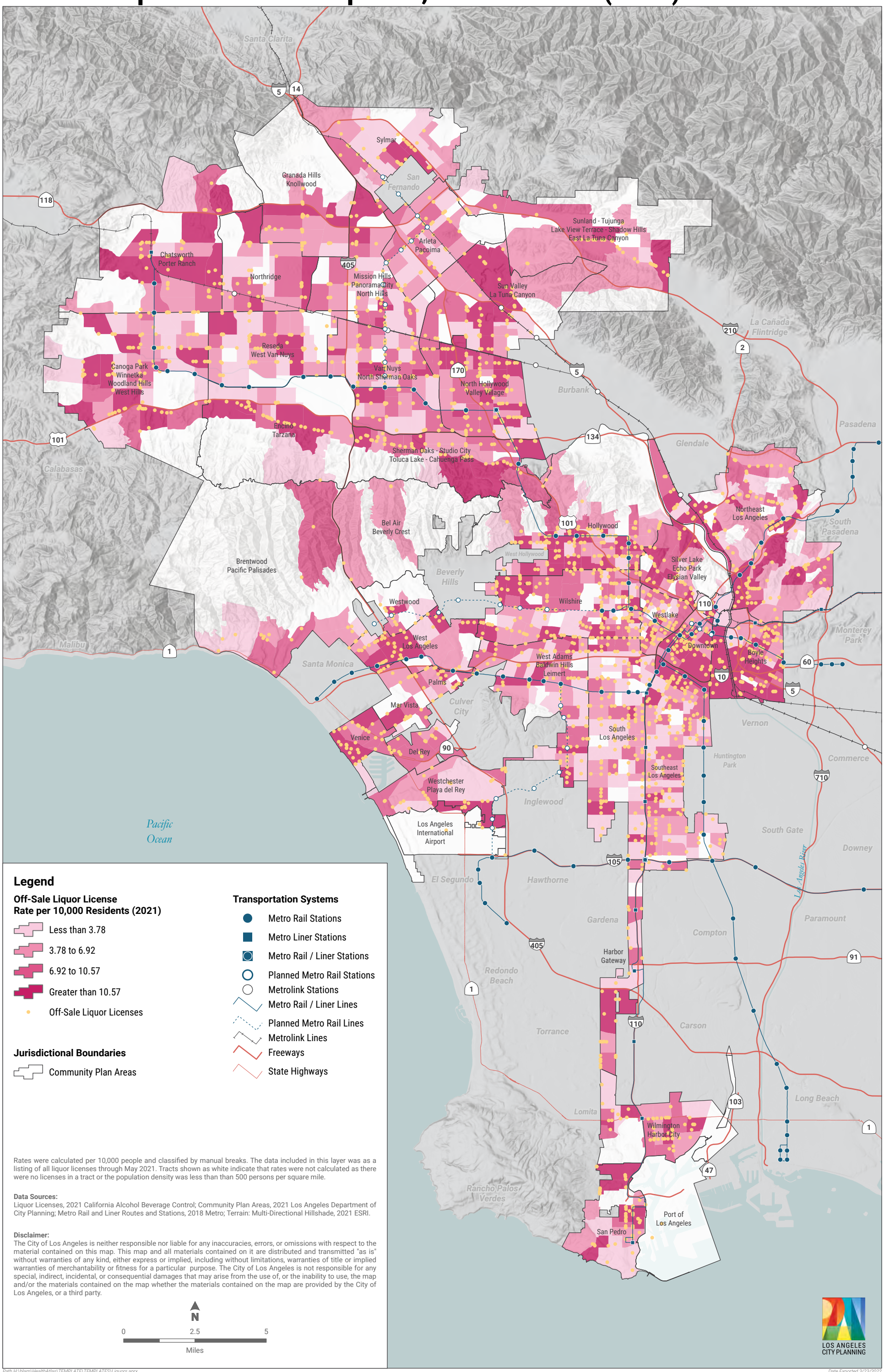
LOS ANGELES CITY PLANNING

Path H:\blam\HealthAtlas\TEMPLATE\TEMPLATES\Liquors.aprx

Date Exported 3/23/2022

Map 89

Off-Sale Liquor License Rate per 10,000 Residents (2021)



Legend

Off-Sale Liquor License Rate per 10,000 Residents (2021)

- Less than 3.78
- 3.78 to 6.92
- 6.92 to 10.57
- Greater than 10.57
- Off-Sale Liquor Licenses

Jurisdictional Boundaries

- Community Plan Areas

Transportation Systems

- Metro Rail Stations
- Metro Liner Stations
- Metro Rail / Liner Stations
- Planned Metro Rail Stations
- Metrolink Stations
- Metro Rail / Liner Lines
- Planned Metro Rail Lines
- Metrolink Lines
- Freeways
- State Highways

Rates were calculated per 10,000 people and classified by manual breaks. The data included in this layer was as a listing of all liquor licenses through May 2021. Tracts shown as white indicate that rates were not calculated as there were no licenses in a tract or the population density was less than than 500 persons per square mile.

Data Sources:
Liquor Licenses, 2021 California Alcohol Beverage Control; Community Plan Areas, 2021 Los Angeles Department of City Planning; Metro Rail and Liner Routes and Stations, 2018 Metro; Terrain: Multi-Directional Hillshade, 2021 ESRI.

Disclaimer:
The City of Los Angeles is neither responsible nor liable for any inaccuracies, errors, or omissions with respect to the material contained on this map. This map and all materials contained on it are distributed and transmitted "as is" without warranties of any kind, either express or implied, including without limitations, warranties of title or implied warranties of merchantability or fitness for a particular purpose. The City of Los Angeles is not responsible for any special, indirect, incidental, or consequential damages that may arise from the use of, or the inability to use, the map and/or the materials contained on the map whether the materials contained on the map are provided by the City of Los Angeles, or a third party.

N

0 2.5 5

Miles

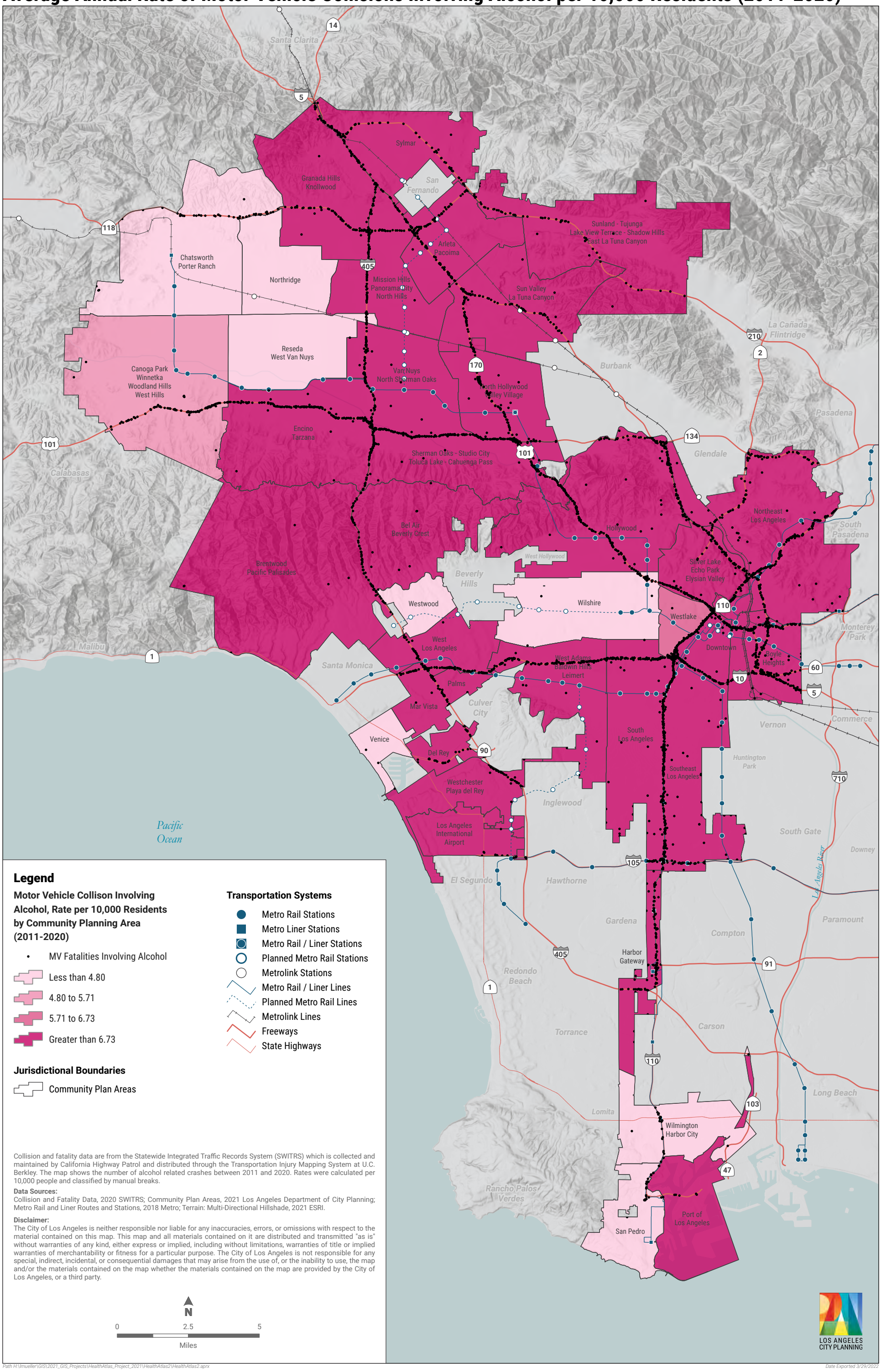
LOS ANGELES CITY PLANNING

Path H:\blam\HealthAtlas\TEMPLATE\TEMPLATES\Liquors.aprx

Date Exported 3/23/2022

Map 90

Average Annual Rate of Motor Vehicle Collisions Involving Alcohol per 10,000 Residents (2011-2020)



Legend

Motor Vehicle Collison Involving Alcohol, Rate per 10,000 Residents by Community Planning Area (2011-2020)

- MV Fatalities Involving Alcohol
- Less than 4.80
- 4.80 to 5.71
- 5.71 to 6.73
- Greater than 6.73

Jurisdictional Boundaries

- Community Plan Areas

Transportation Systems

- Metro Rail Stations
- Metro Liner Stations
- Metro Rail / Liner Stations
- Planned Metro Rail Stations
- Metrolink Stations
- Metro Rail / Liner Lines
- Planned Metro Rail Lines
- Metrolink Lines
- Freeways
- State Highways

Collision and fatality data are from the Statewide Integrated Traffic Records System (SWITRS) which is collected and maintained by California Highway Patrol and distributed through the Transportation Injury Mapping System at U.C. Berkley. The map shows the number of alcohol related crashes between 2011 and 2020. Rates were calculated per 10,000 people and classified by manual breaks.

Data Sources:
Collision and Fatality Data, 2020 SWITRS; Community Plan Areas, 2021 Los Angeles Department of City Planning; Metro Rail and Liner Routes and Stations, 2018 Metro; Terrain: Multi-Directional Hillshade, 2021 ESRI.

Disclaimer:
The City of Los Angeles is neither responsible nor liable for any inaccuracies, errors, or omissions with respect to the material contained on this map. This map and all materials contained on it are distributed and transmitted "as is" without warranties of any kind, either express or implied, including without limitations, warranties of title or implied warranties of merchantability or fitness for a particular purpose. The City of Los Angeles is not responsible for any special, indirect, incidental, or consequential damages that may arise from the use of, or the inability to use, the map and/or the materials contained on the map whether the materials contained on the map are provided by the City of Los Angeles, or a third party.

N

0 2.5 5

Miles

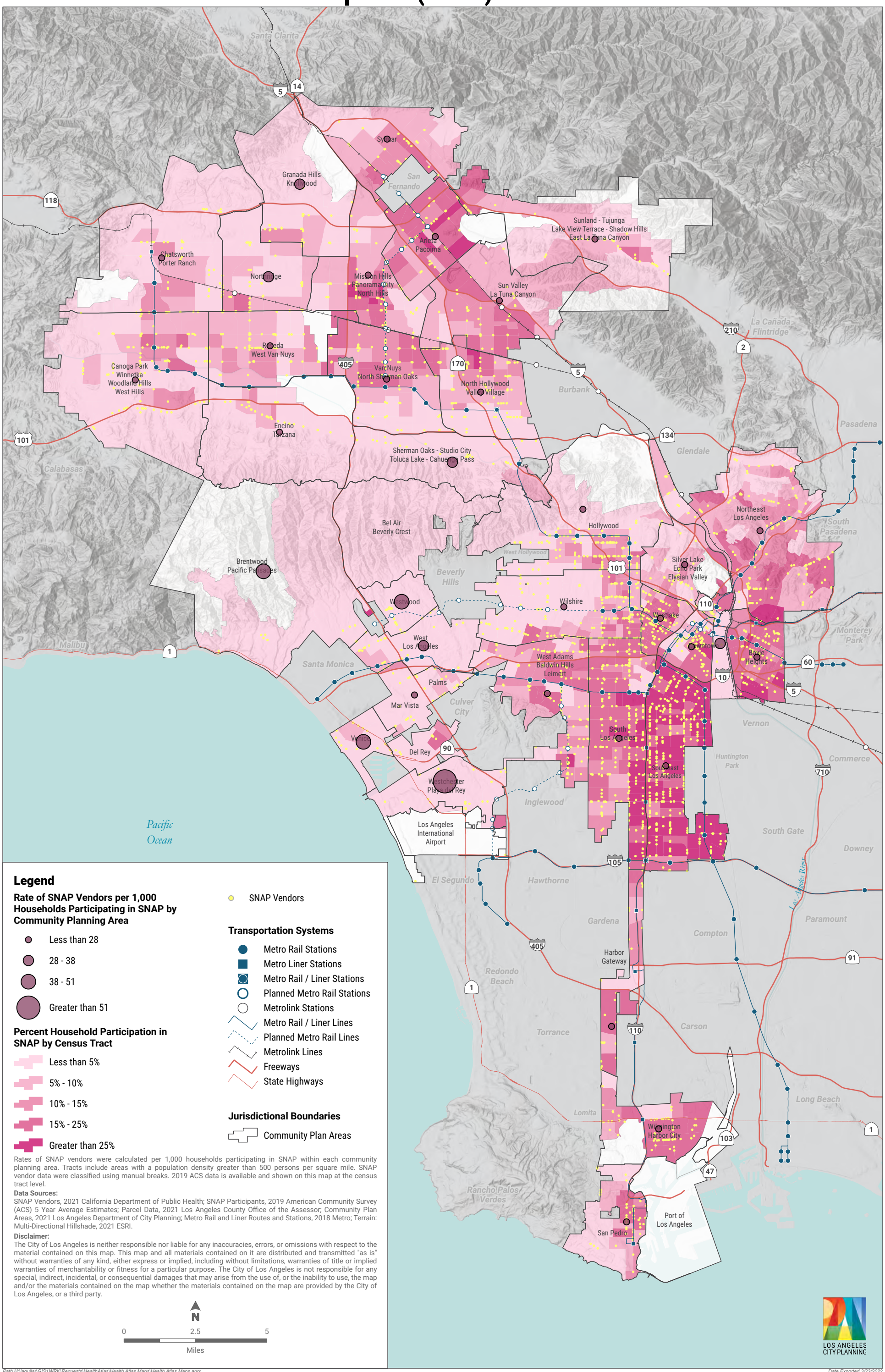
LOS ANGELES CITY PLANNING

Path H:\lmueller\GIS\2021_GIS_Projects\HealthAtlas_Project_2021\HealthAtlas2\HealthAtlas2.aprx

Date Exported 3/29/2022

Map 91

CalFresh Vendors and Participants (2019)



Legend

Rate of SNAP Vendors per 1,000 Households Participating in SNAP by Community Planning Area

- Less than 28
- 28 - 38
- 38 - 51
- Greater than 51

Percent Household Participation in SNAP by Census Tract

- Less than 5%
- 5% - 10%
- 10% - 15%
- 15% - 25%
- Greater than 25%

- SNAP Vendors

Transportation Systems

- Metro Rail Stations
- Metro Liner Stations
- Metro Rail / Liner Stations
- Planned Metro Rail Stations
- Metrolink Stations
- Metro Rail / Liner Lines
- Planned Metro Rail Lines
- Metrolink Lines
- Freeways
- State Highways

Jurisdictional Boundaries

- Community Plan Areas

Rates of SNAP vendors were calculated per 1,000 households participating in SNAP within each community planning area. Tracts include areas with a population density greater than 500 persons per square mile. SNAP vendor data were classified using manual breaks. 2019 ACS data is available and shown on this map at the census tract level.

Data Sources:
SNAP Vendors, 2021 California Department of Public Health; SNAP Participants, 2019 American Community Survey (ACS) 5 Year Average Estimates; Parcel Data, 2021 Los Angeles County Office of the Assessor; Community Plan Areas, 2021 Los Angeles Department of City Planning; Metro Rail and Liner Routes and Stations, 2018 Metro; Terrain: Multi-Directional Hillshade, 2021 ESRI.

Disclaimer:
The City of Los Angeles is neither responsible nor liable for any inaccuracies, errors, or omissions with respect to the material contained on this map. This map and all materials contained on it are distributed and transmitted "as is" without warranties of any kind, either express or implied, including without limitations, warranties of title or implied warranties of merchantability or fitness for a particular purpose. The City of Los Angeles is not responsible for any special, indirect, incidental, or consequential damages that may arise from the use of, or the inability to use, the map and/or the materials contained on the map whether the materials contained on the map are provided by the City of Los Angeles, or a third party.

N

0 2.5 5

Miles

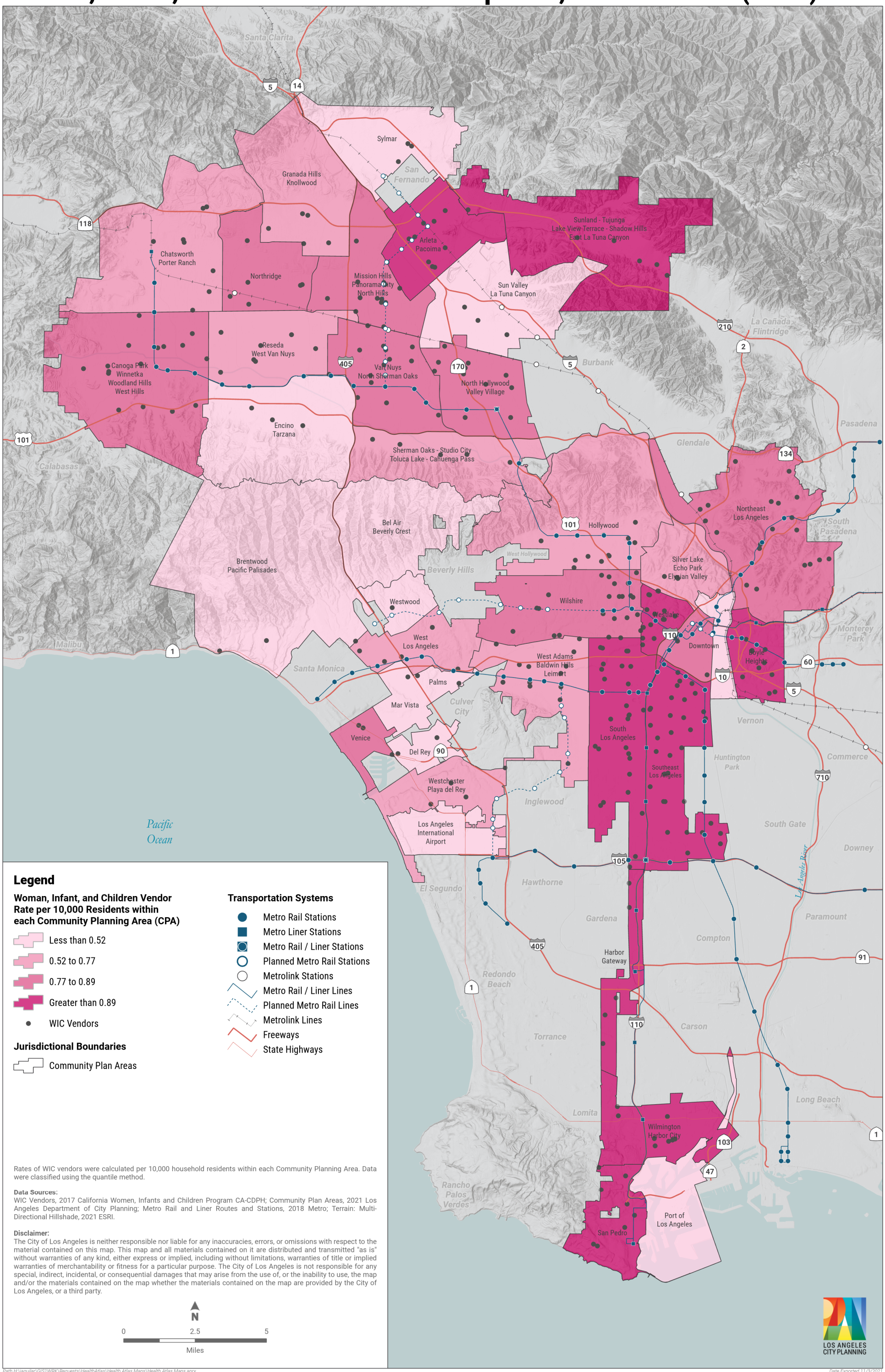
LOS ANGELES CITY PLANNING

Path H:\jaguilar\GIS1WRK\Requests\HealthAtlas\Health Atlas Maps\Health Atlas Maps.aprx

Date Exported 3/23/2022

Map 92

Woman, Infant, and Children Vendor rate per 10,000 Residents (2017)



Legend

Woman, Infant, and Children Vendor Rate per 10,000 Residents within each Community Planning Area (CPA)

- Less than 0.52
- 0.52 to 0.77
- 0.77 to 0.89
- Greater than 0.89
- WIC Vendors

Jurisdictional Boundaries

- Community Plan Areas

Transportation Systems

- Metro Rail Stations
- Metro Liner Stations
- Metro Rail / Liner Stations
- Planned Metro Rail Stations
- Metrolink Stations
- Metro Rail / Liner Lines
- Planned Metro Rail Lines
- Metrolink Lines
- Freeways
- State Highways

Rates of WIC vendors were calculated per 10,000 household residents within each Community Planning Area. Data were classified using the quantile method.

Data Sources:
WIC Vendors, 2017 California Women, Infants and Children Program CA-CDPH; Community Plan Areas, 2021 Los Angeles Department of City Planning; Metro Rail and Liner Routes and Stations, 2018 Metro; Terrain: Multi-Directional Hillshade, 2021 ESRI.

Disclaimer:
The City of Los Angeles is neither responsible nor liable for any inaccuracies, errors, or omissions with respect to the material contained on this map. This map and all materials contained on it are distributed and transmitted "as is" without warranties of any kind, either express or implied, including without limitations, warranties of title or implied warranties of merchantability or fitness for a particular purpose. The City of Los Angeles is not responsible for any special, indirect, incidental, or consequential damages that may arise from the use of, or the inability to use, the map and/or the materials contained on the map whether the materials contained on the map are provided by the City of Los Angeles, or a third party.

N

0 2.5 5

Miles

Path H:\jaguilar\GIS\WRK\Requests\HealthAtlas\Health Atlas Maps\Health Atlas Maps.aprx

Date Exported 11/3/2021

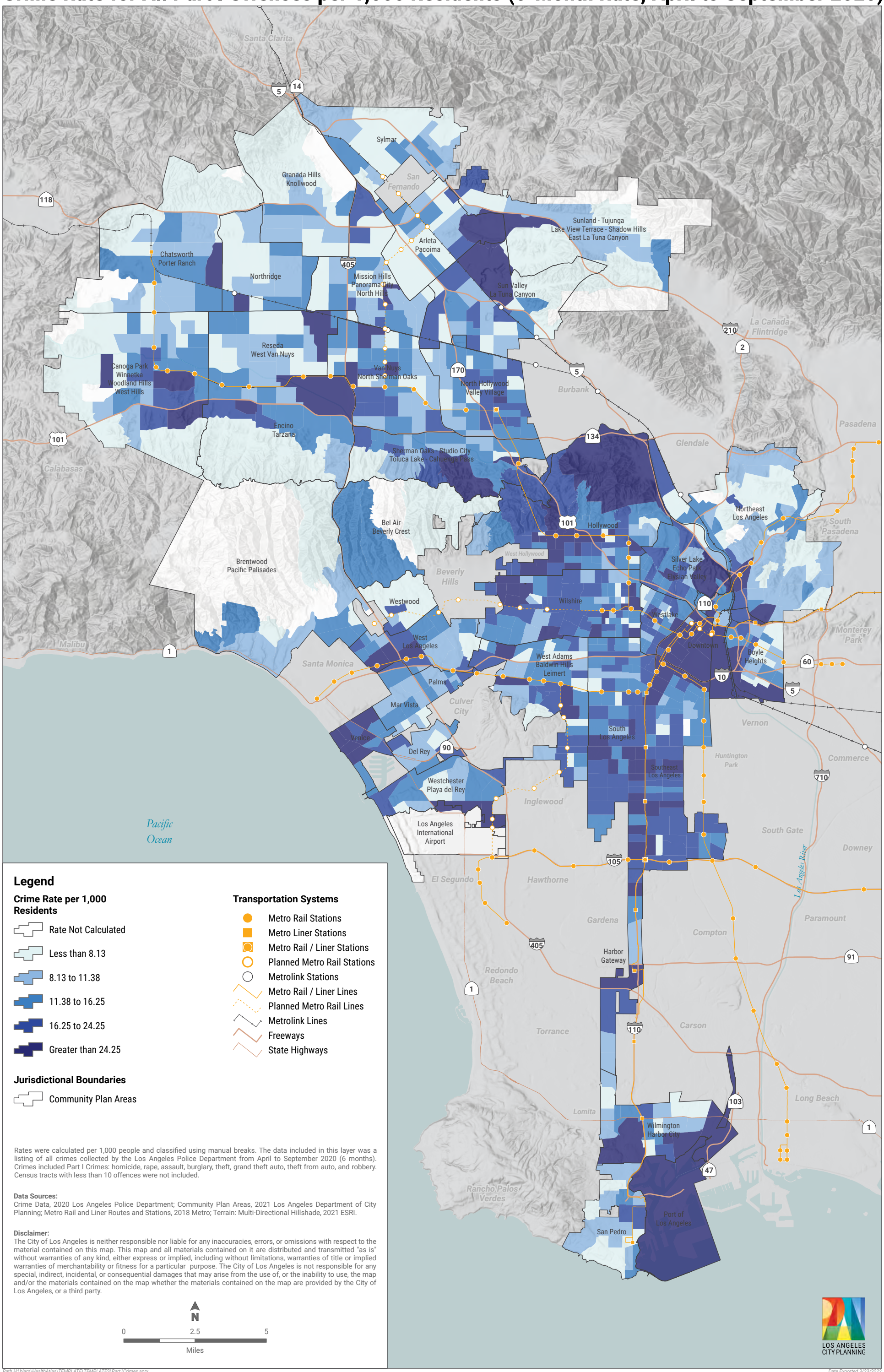
THIS PAGE IS INTENTIONALLY LEFT BLANK

CRIME

Chapter 10

Map 93

Crime Rate for All Part I Offences per 1,000 Residents (6-Month Rate, April to September 2020)



Legend

Crime Rate per 1,000 Residents

- Rate Not Calculated
- Less than 8.13
- 8.13 to 11.38
- 11.38 to 16.25
- 16.25 to 24.25
- Greater than 24.25

Transportation Systems

- Metro Rail Stations
- Metro Liner Stations
- Metro Rail / Liner Stations
- Planned Metro Rail Stations
- Metrolink Stations
- Metro Rail / Liner Lines
- Planned Metro Rail Lines
- Metrolink Lines
- Freeways
- State Highways

Jurisdictional Boundaries

- Community Plan Areas

Rates were calculated per 1,000 people and classified using manual breaks. The data included in this layer was a listing of all crimes collected by the Los Angeles Police Department from April to September 2020 (6 months). Crimes included Part I Crimes: homicide, rape, assault, burglary, theft, grand theft auto, theft from auto, and robbery. Census tracts with less than 10 offences were not included.

Data Sources:
Crime Data, 2020 Los Angeles Police Department; Community Plan Areas, 2021 Los Angeles Department of City Planning; Metro Rail and Liner Routes and Stations, 2018 Metro; Terrain: Multi-Directional Hillshade, 2021 ESRI.

Disclaimer:
The City of Los Angeles is neither responsible nor liable for any inaccuracies, errors, or omissions with respect to the material contained on this map. This map and all materials contained on it are distributed and transmitted "as is" without warranties of any kind, either express or implied, including without limitations, warranties of title or implied warranties of merchantability or fitness for a particular purpose. The City of Los Angeles is not responsible for any special, indirect, incidental, or consequential damages that may arise from the use of, or the inability to use, the map and/or the materials contained on the map whether the materials contained on the map are provided by the City of Los Angeles, or a third party.

N

0 2.5 5

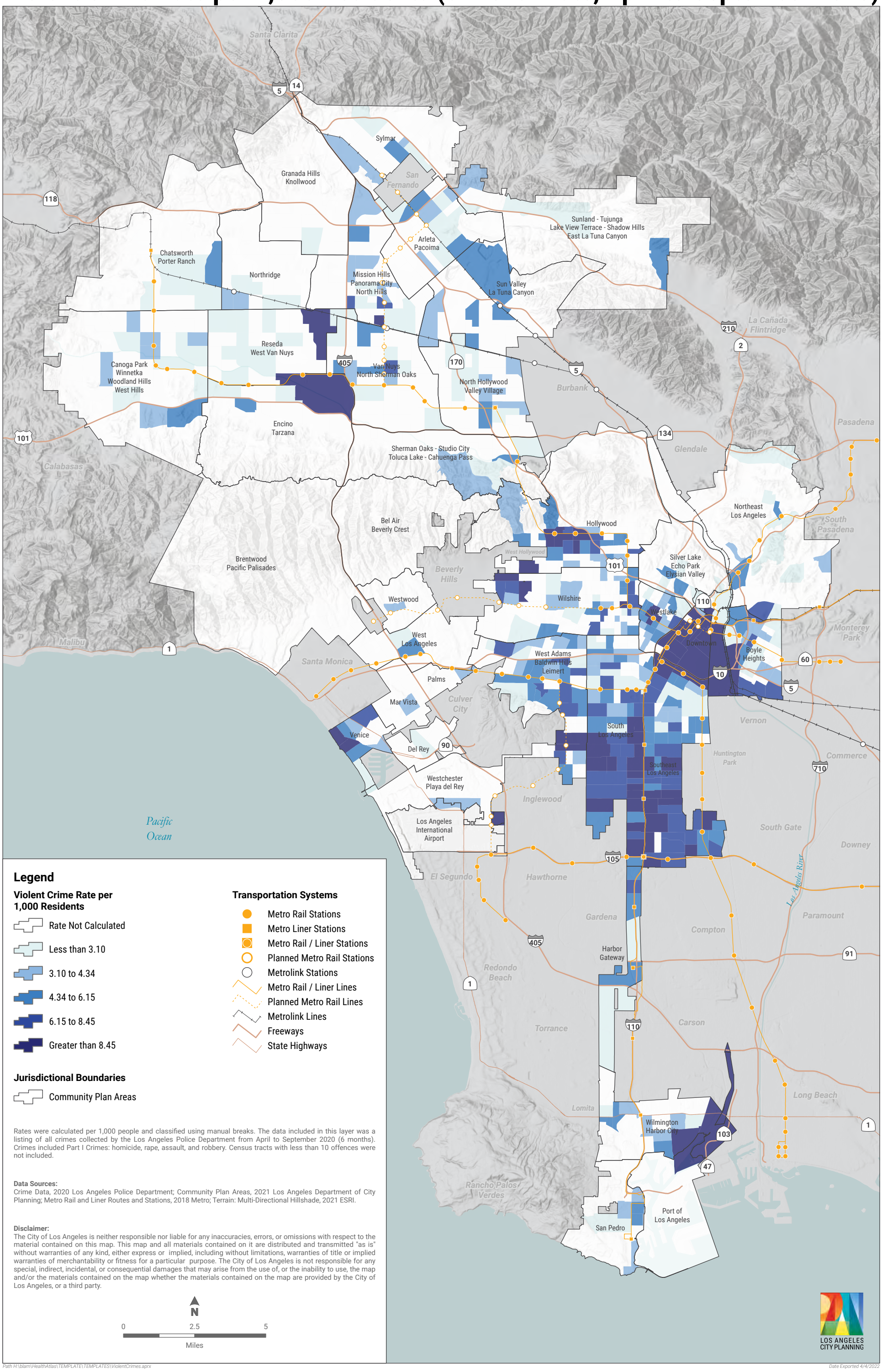
Miles

Path H:\blam\HealthAtlas\TEMPLATE\TEMPLATES\Part1Crimes.aprx

Date Exported 3/23/2022

Map 94

Violent Crime Rate per 1,000 Residents (6-Month Rate, April to September 2020)



Legend

Violent Crime Rate per 1,000 Residents

- Rate Not Calculated
- Less than 3.10
- 3.10 to 4.34
- 4.34 to 6.15
- 6.15 to 8.45
- Greater than 8.45

Transportation Systems

- Metro Rail Stations
- Metro Liner Stations
- Metro Rail / Liner Stations
- Planned Metro Rail Stations
- Metrolink Stations
- Metro Rail / Liner Lines
- Planned Metro Rail Lines
- Metrolink Lines
- Freeways
- State Highways

Jurisdictional Boundaries

- Community Plan Areas

Rates were calculated per 1,000 people and classified using manual breaks. The data included in this layer was a listing of all crimes collected by the Los Angeles Police Department from April to September 2020 (6 months). Crimes included Part I Crimes: homicide, rape, assault, and robbery. Census tracts with less than 10 offences were not included.

Data Sources:
Crime Data, 2020 Los Angeles Police Department; Community Plan Areas, 2021 Los Angeles Department of City Planning; Metro Rail and Liner Routes and Stations, 2018 Metro; Terrain: Multi-Directional Hillshade, 2021 ESRI.

Disclaimer:
The City of Los Angeles is neither responsible nor liable for any inaccuracies, errors, or omissions with respect to the material contained on this map. This map and all materials contained on it are distributed and transmitted "as is" without warranties of any kind, either express or implied, including without limitations, warranties of title or implied warranties of merchantability or fitness for a particular purpose. The City of Los Angeles is not responsible for any special, indirect, incidental, or consequential damages that may arise from the use of, or the inability to use, the map and/or the materials contained on the map whether the materials contained on the map are provided by the City of Los Angeles, or a third party.

N

0 2.5 5

Miles

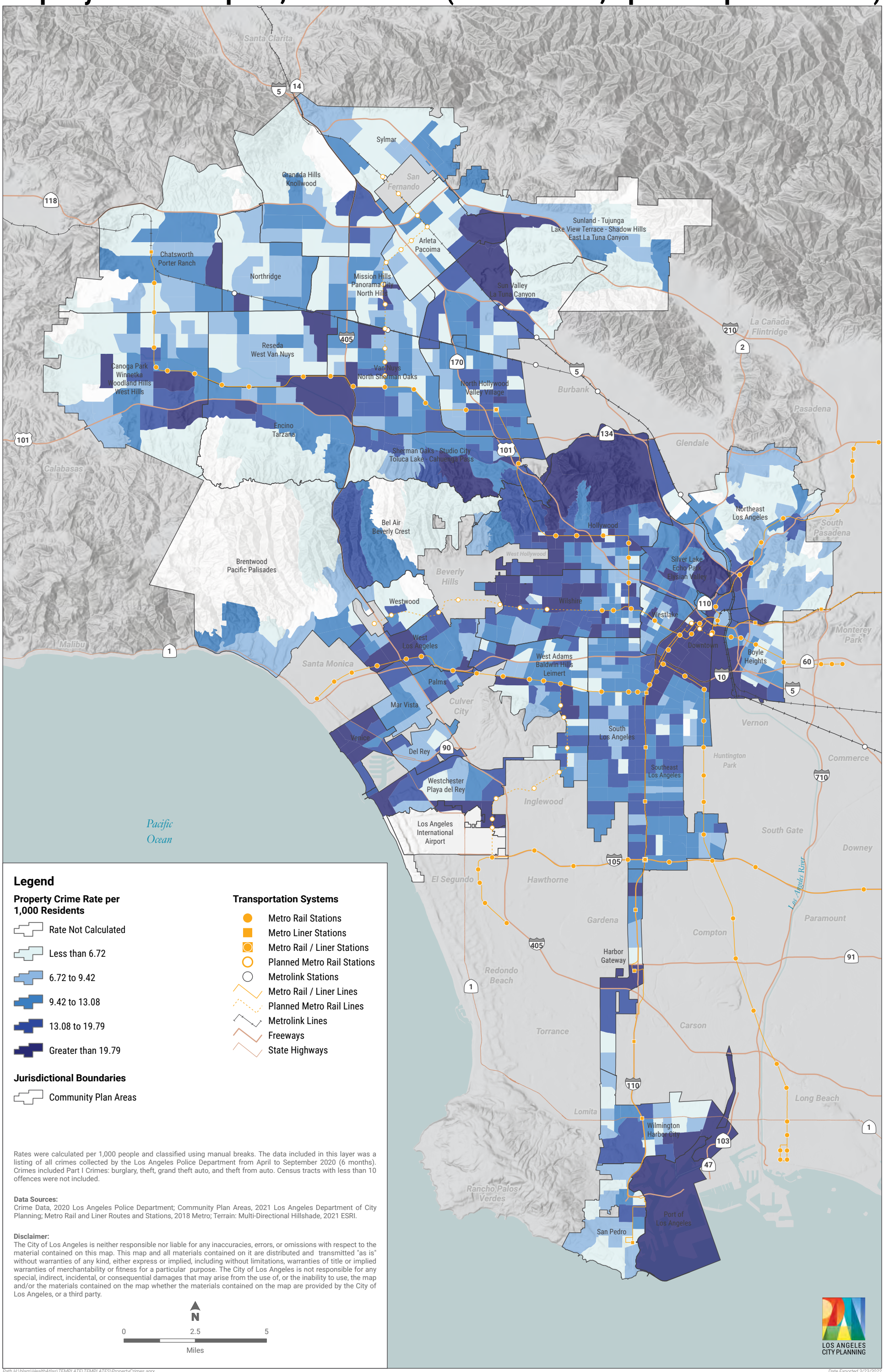
LOS ANGELES CITY PLANNING

Path H:\blam\HealthAtlas\TEMPLATE\TEMPLATES\ViolentCrimes.aprx

Date Exported 4/4/2022

Map 95

Property Crime Rate per 1,000 Residents (6-Month Rate, April to September 2020)



Legend

Property Crime Rate per 1,000 Residents

- Rate Not Calculated
- Less than 6.72
- 6.72 to 9.42
- 9.42 to 13.08
- 13.08 to 19.79
- Greater than 19.79

Transportation Systems

- Metro Rail Stations
- Metro Liner Stations
- Metro Rail / Liner Stations
- Planned Metro Rail Stations
- Metrolink Stations
- Metro Rail / Liner Lines
- Planned Metro Rail Lines
- Metrolink Lines
- Freeways
- State Highways

Jurisdictional Boundaries

- Community Plan Areas

Rates were calculated per 1,000 people and classified using manual breaks. The data included in this layer was a listing of all crimes collected by the Los Angeles Police Department from April to September 2020 (6 months). Crimes included Part I Crimes: burglary, theft, grand theft auto, and theft from auto. Census tracts with less than 10 offences were not included.

Data Sources:
Crime Data, 2020 Los Angeles Police Department; Community Plan Areas, 2021 Los Angeles Department of City Planning; Metro Rail and Liner Routes and Stations, 2018 Metro; Terrain: Multi-Directional Hillshade, 2021 ESRI.

Disclaimer:
The City of Los Angeles is neither responsible nor liable for any inaccuracies, errors, or omissions with respect to the material contained on this map. This map and all materials contained on it are distributed and transmitted "as is" without warranties of any kind, either express or implied, including without limitations, warranties of title or implied warranties of merchantability or fitness for a particular purpose. The City of Los Angeles is not responsible for any special, indirect, incidental, or consequential damages that may arise from the use of, or the inability to use, the map and/or the materials contained on the map whether the materials contained on the map are provided by the City of Los Angeles, or a third party.

N

0 2.5 5

Miles

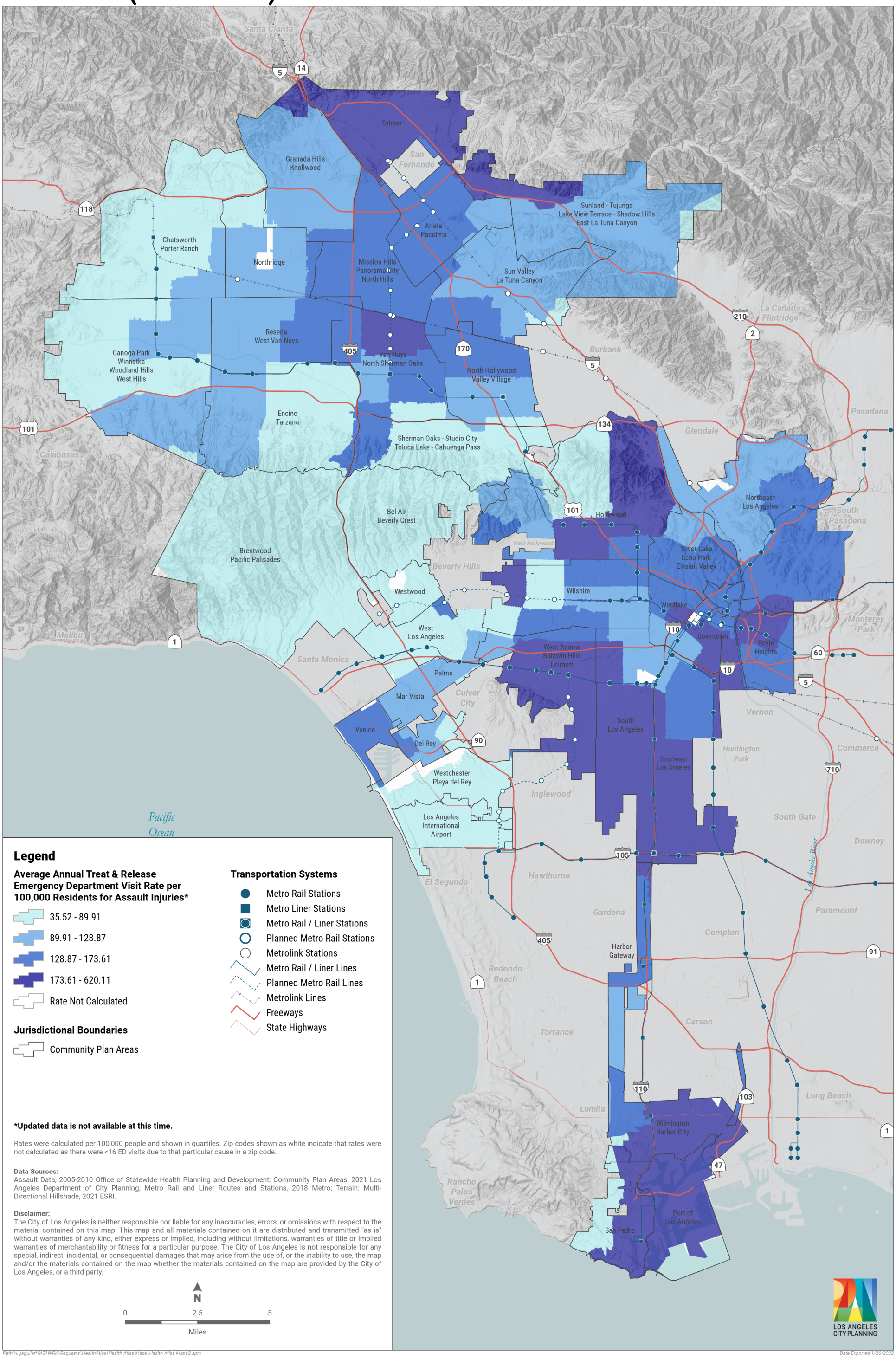
LOS ANGELES CITY PLANNING

Path H:\blam\HealthAtlas\TEMPLATE\TEMPLATES\PropertyCrimes.aprx

Date Exported 3/23/2022

Map 96

Average Annual Emergency Department Visit Rate for Assault per 100,000 Residents (2005-2010)



Legend

Average Annual Treat & Release Emergency Department Visit Rate per 100,000 Residents for Assault Injuries*

- 35.52 - 89.91
- 89.91 - 128.87
- 128.87 - 173.61
- 173.61 - 620.11
- Rate Not Calculated

Jurisdictional Boundaries

- Community Plan Areas

Transportation Systems

- Metro Rail Stations
- Metro Liner Stations
- Metro Rail / Liner Stations
- Planned Metro Rail Stations
- Metrolink Stations
- Metro Rail / Liner Lines
- Planned Metro Rail Lines
- Metrolink Lines
- Freeways
- State Highways

***Updated data is not available at this time.**

Rates were calculated per 100,000 people and shown in quartiles. Zip codes shown as white indicate that rates were not calculated as there were <16 ED visits due to that particular cause in a zip code.

Data Sources:
Assault Data, 2005-2010 Office of Statewide Health Planning and Development; Community Plan Areas, 2021 Los Angeles Department of City Planning; Metro Rail and Liner Routes and Stations, 2018 Metro; Terrain: Multi-Directional Hillshade, 2021 ESRI.

Disclaimer:
The City of Los Angeles is neither responsible nor liable for any inaccuracies, errors, or omissions with respect to the material contained on this map. This map and all materials contained on it are distributed and transmitted "as is" without warranties of any kind, either express or implied, including without limitations, warranties of title or implied warranties of merchantability or fitness for a particular purpose. The City of Los Angeles is not responsible for any special, indirect, incidental, or consequential damages that may arise from the use of, or the inability to use, the map and/or the materials contained on the map whether the materials contained on the map are provided by the City of Los Angeles, or a third party.

N

0 2.5 5

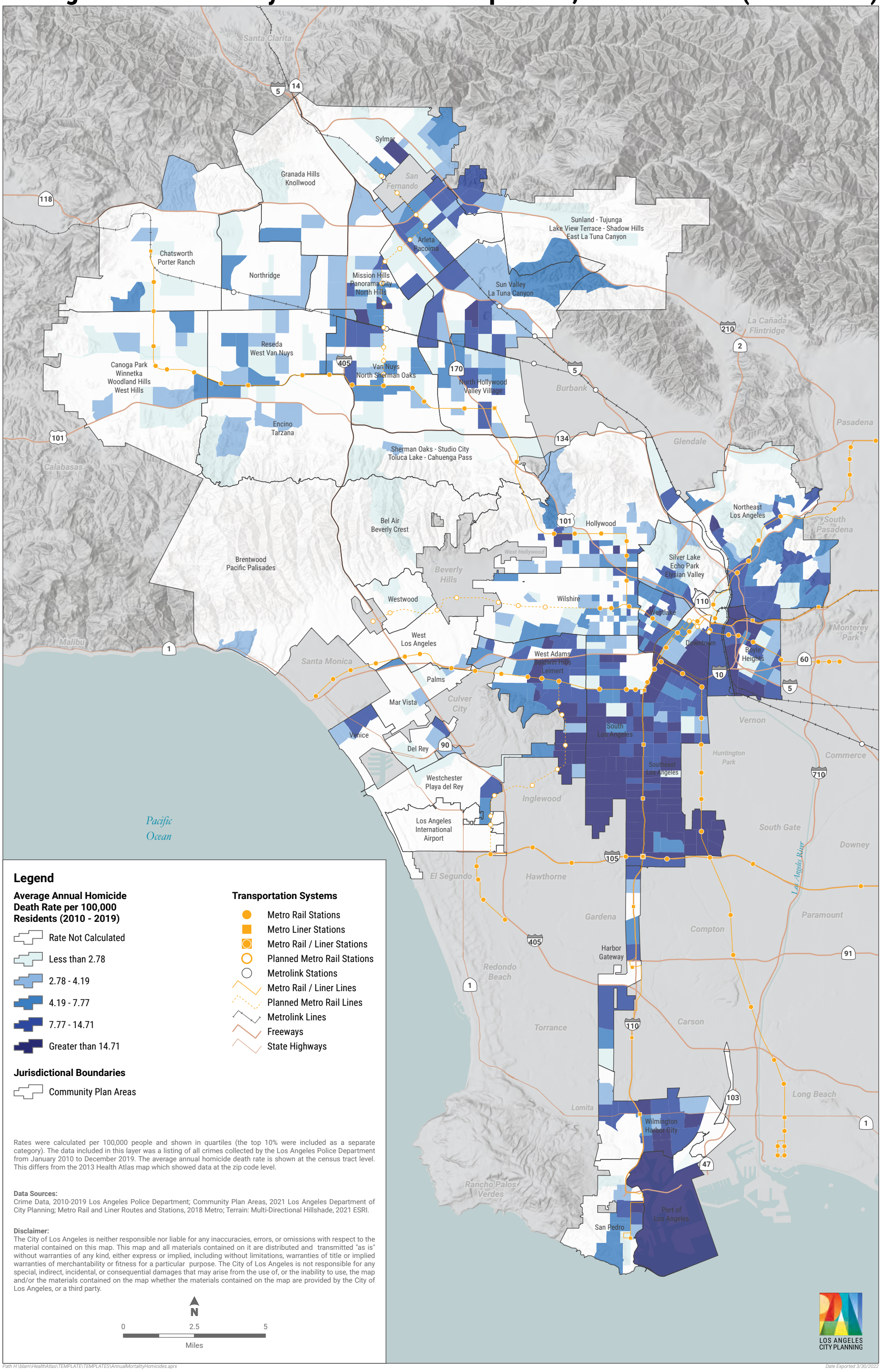
Miles

Path H:\jaguilar\GIS\WRK\Requests\HealthAtlas\Health Atlas Maps\Health Atlas Maps2.aprx

Date Exported 1/26/2022

Map 97

Average Annual Mortality Rate for Homicide per 100,000 Residents (2010-2019)



Legend

Average Annual Homicide Death Rate per 100,000 Residents (2010 - 2019)

- Rate Not Calculated
- Less than 2.78
- 2.78 - 4.19
- 4.19 - 7.77
- 7.77 - 14.71
- Greater than 14.71

Jurisdictional Boundaries

- Community Plan Areas

Transportation Systems

- Metro Rail Stations
- Metro Liner Stations
- Metro Rail / Liner Stations
- Planned Metro Rail Stations
- Metrolink Stations
- Metro Rail / Liner Lines
- Planned Metro Rail Lines
- Metrolink Lines
- Freeways
- State Highways

Rates were calculated per 100,000 people and shown in quartiles (the top 10% were included as a separate category). The data included in this layer was a listing of all crimes collected by the Los Angeles Police Department from January 2010 to December 2019. The average annual homicide death rate is shown at the census tract level. This differs from the 2013 Health Atlas map which showed data at the zip code level.

Data Sources:
Crime Data, 2010-2019 Los Angeles Police Department; Community Plan Areas, 2021 Los Angeles Department of City Planning; Metro Rail and Liner Routes and Stations, 2018 Metro; Terrain: Multi-Directional Hillshade, 2021 ESRI.

Disclaimer:
The City of Los Angeles is neither responsible nor liable for any inaccuracies, errors, or omissions with respect to the material contained on this map. This map and all materials contained on it are distributed and transmitted "as is" without warranties of any kind, either express or implied, including without limitations, warranties of title or implied warranties of merchantability or fitness for a particular purpose. The City of Los Angeles is not responsible for any special, indirect, incidental, or consequential damages that may arise from the use of, or the inability to use, the map and/or the materials contained on the map whether the materials contained on the map are provided by the City of Los Angeles, or a third party.

N

0 2.5 5

Miles

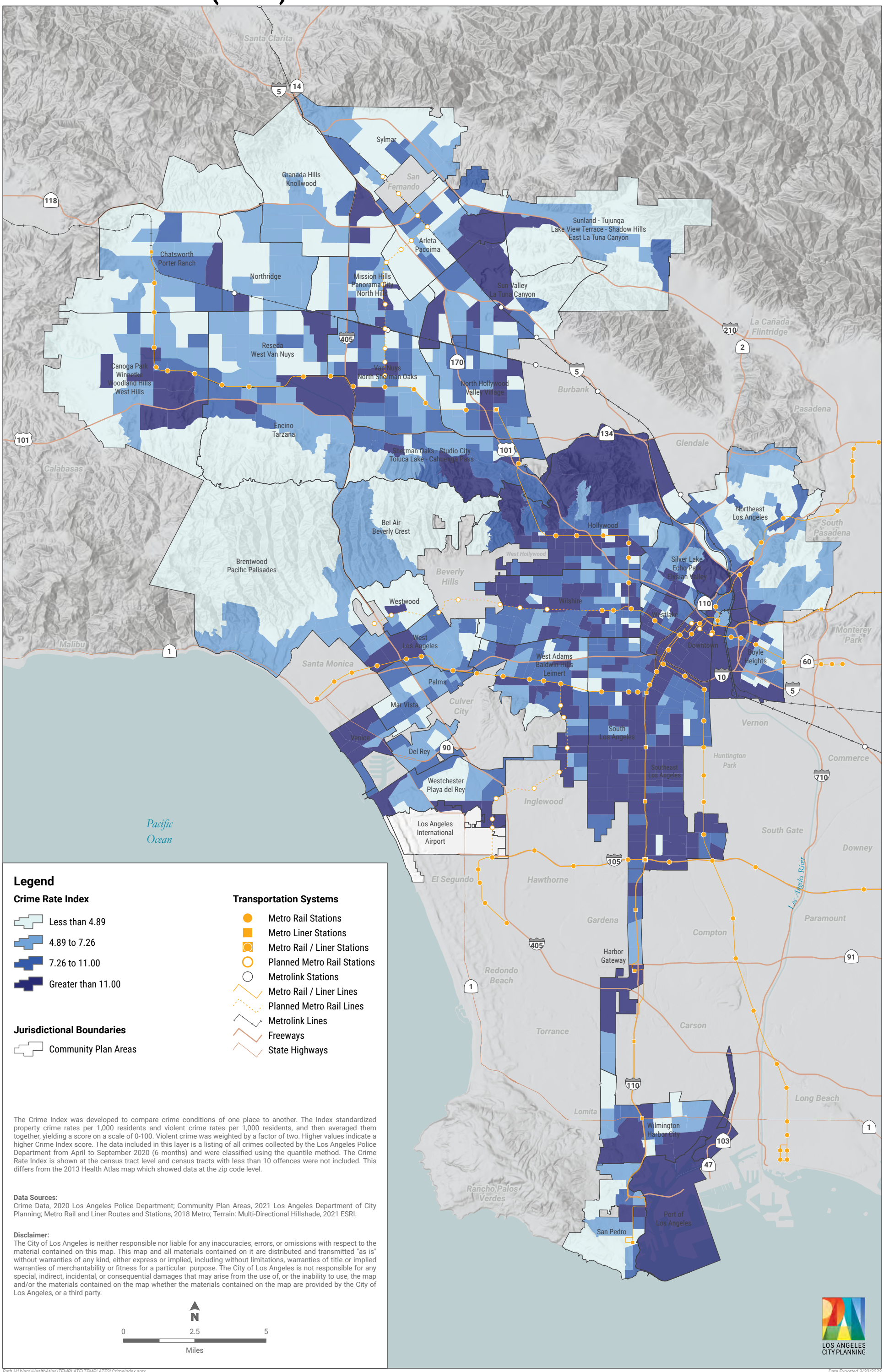
LOS ANGELES CITY PLANNING

Path H:\blam\HealthAtlas\TEMPLATE\TEMPLATES\AnnualMortalityHomicides.aprx

Date Exported 3/30/2022

Map 98

Crime Rate Index (2020)



Legend

Crime Rate Index

- Less than 4.89
- 4.89 to 7.26
- 7.26 to 11.00
- Greater than 11.00

Transportation Systems

- Metro Rail Stations
- Metro Liner Stations
- Metro Rail / Liner Stations
- Planned Metro Rail Stations
- Metrolink Stations
- Metro Rail / Liner Lines
- Planned Metro Rail Lines
- Metrolink Lines
- Freeways
- State Highways

Jurisdictional Boundaries

- Community Plan Areas

The Crime Index was developed to compare crime conditions of one place to another. The Index standardized property crime rates per 1,000 residents and violent crime rates per 1,000 residents, and then averaged them together, yielding a score on a scale of 0-100. Violent crime was weighted by a factor of two. Higher values indicate a higher Crime Index score. The data included in this layer is a listing of all crimes collected by the Los Angeles Police Department from April to September 2020 (6 months) and were classified using the quantile method. The Crime Rate Index is shown at the census tract level and census tracts with less than 10 offences were not included. This differs from the 2013 Health Atlas map which showed data at the zip code level.

Data Sources:
Crime Data, 2020 Los Angeles Police Department; Community Plan Areas, 2021 Los Angeles Department of City Planning; Metro Rail and Liner Routes and Stations, 2018 Metro; Terrain: Multi-Directional Hillshade, 2021 ESRI.

Disclaimer:
The City of Los Angeles is neither responsible nor liable for any inaccuracies, errors, or omissions with respect to the material contained on this map. This map and all materials contained on it are distributed and transmitted "as is" without warranties of any kind, either express or implied, including without limitations, warranties of title or implied warranties of merchantability or fitness for a particular purpose. The City of Los Angeles is not responsible for any special, indirect, incidental, or consequential damages that may arise from the use of, or the inability to use, the map and/or the materials contained on the map whether the materials contained on the map are provided by the City of Los Angeles, or a third party.

N

0 2.5 5

Miles

LOS ANGELES CITY PLANNING

Path H:\blam\HealthAtlas\TEMPLATE\TEMPLATES\CrimeIndex.aprx

Date Exported 3/30/2022

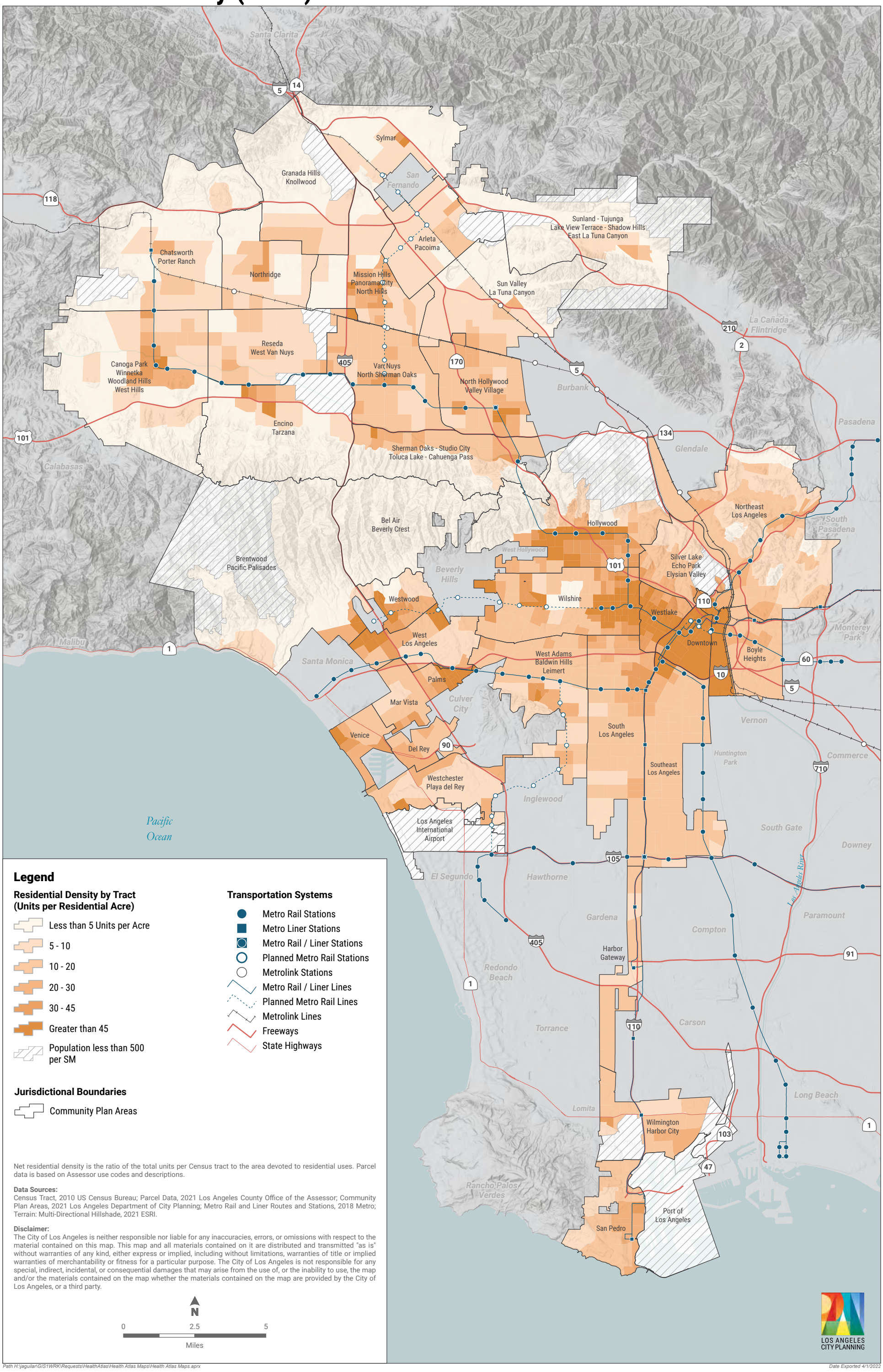
THIS PAGE IS INTENTIONALLY LEFT BLANK

HOUSING

Chapter 11

Map 99

Residential Density (2021)



Legend

Residential Density by Tract (Units per Residential Acre)

- Less than 5 Units per Acre
- 5 - 10
- 10 - 20
- 20 - 30
- 30 - 45
- Greater than 45
- Population less than 500 per SM

Transportation Systems

- Metro Rail Stations
- Metro Liner Stations
- Metro Rail / Liner Stations
- Planned Metro Rail Stations
- Metrolink Stations
- Metro Rail / Liner Lines
- Planned Metro Rail Lines
- Metrolink Lines
- Freeways
- State Highways

Jurisdictional Boundaries

- Community Plan Areas

Net residential density is the ratio of the total units per Census tract to the area devoted to residential uses. Parcel data is based on Assessor use codes and descriptions.

Data Sources:
Census Tract, 2010 US Census Bureau; Parcel Data, 2021 Los Angeles County Office of the Assessor; Community Plan Areas, 2021 Los Angeles Department of City Planning; Metro Rail and Liner Routes and Stations, 2018 Metro; Terrain: Multi-Directional Hillshade, 2021 ESRI.

Disclaimer:
The City of Los Angeles is neither responsible nor liable for any inaccuracies, errors, or omissions with respect to the material contained on this map. This map and all materials contained on it are distributed and transmitted "as is" without warranties of any kind, either express or implied, including without limitations, warranties of title or implied warranties of merchantability or fitness for a particular purpose. The City of Los Angeles is not responsible for any special, indirect, incidental, or consequential damages that may arise from the use of, or the inability to use, the map and/or the materials contained on the map whether the materials contained on the map are provided by the City of Los Angeles, or a third party.

N

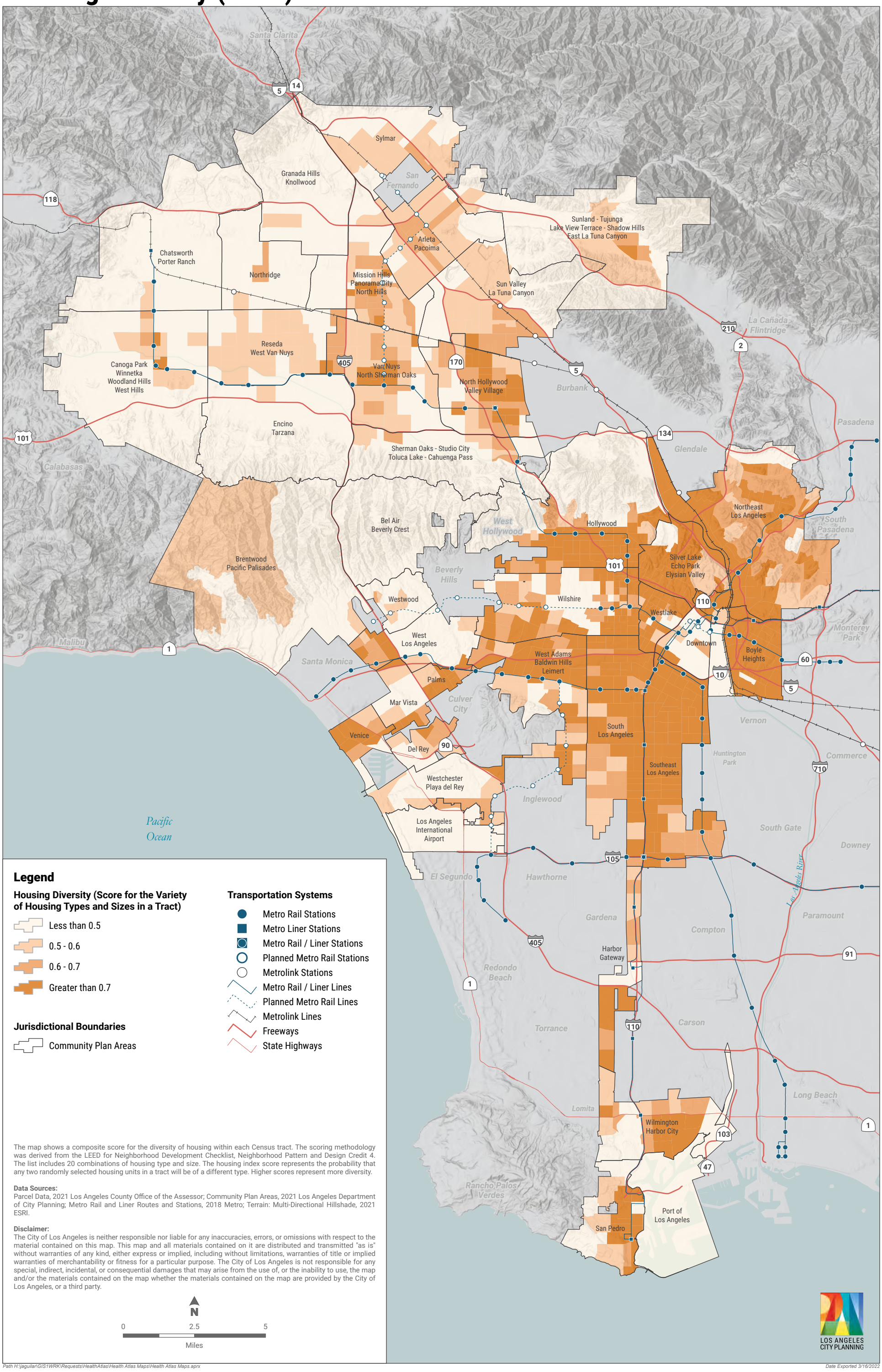
0 2.5 5

Miles

Path H:\jaguilar\GIS1WRK\Requests\HealthAtlas\Health Atlas Maps\Health Atlas Maps.aprx

Date Exported 4/1/2022

Map 100
Housing Diversity (2021)



Legend

Housing Diversity (Score for the Variety of Housing Types and Sizes in a Tract)

- Less than 0.5
- 0.5 - 0.6
- 0.6 - 0.7
- Greater than 0.7

Transportation Systems

- Metro Rail Stations
- Metro Liner Stations
- Metro Rail / Liner Stations
- Planned Metro Rail Stations
- Metrolink Stations
- Metro Rail / Liner Lines
- Planned Metro Rail Lines
- Metrolink Lines
- Freeways
- State Highways

Jurisdictional Boundaries

- Community Plan Areas

The map shows a composite score for the diversity of housing within each Census tract. The scoring methodology was derived from the LEED for Neighborhood Development Checklist, Neighborhood Pattern and Design Credit 4. The list includes 20 combinations of housing type and size. The housing index score represents the probability that any two randomly selected housing units in a tract will be of a different type. Higher scores represent more diversity.

Data Sources:
Parcel Data, 2021 Los Angeles County Office of the Assessor; Community Plan Areas, 2021 Los Angeles Department of City Planning; Metro Rail and Liner Routes and Stations, 2018 Metro; Terrain: Multi-Directional Hillshade, 2021 ESRI.

Disclaimer:
The City of Los Angeles is neither responsible nor liable for any inaccuracies, errors, or omissions with respect to the material contained on this map. This map and all materials contained on it are distributed and transmitted "as is" without warranties of any kind, either express or implied, including without limitations, warranties of title or implied warranties of merchantability or fitness for a particular purpose. The City of Los Angeles is not responsible for any special, indirect, incidental, or consequential damages that may arise from the use of, or the inability to use, the map and/or the materials contained on the map whether the materials contained on the map are provided by the City of Los Angeles, or a third party.

N

0 2.5 5

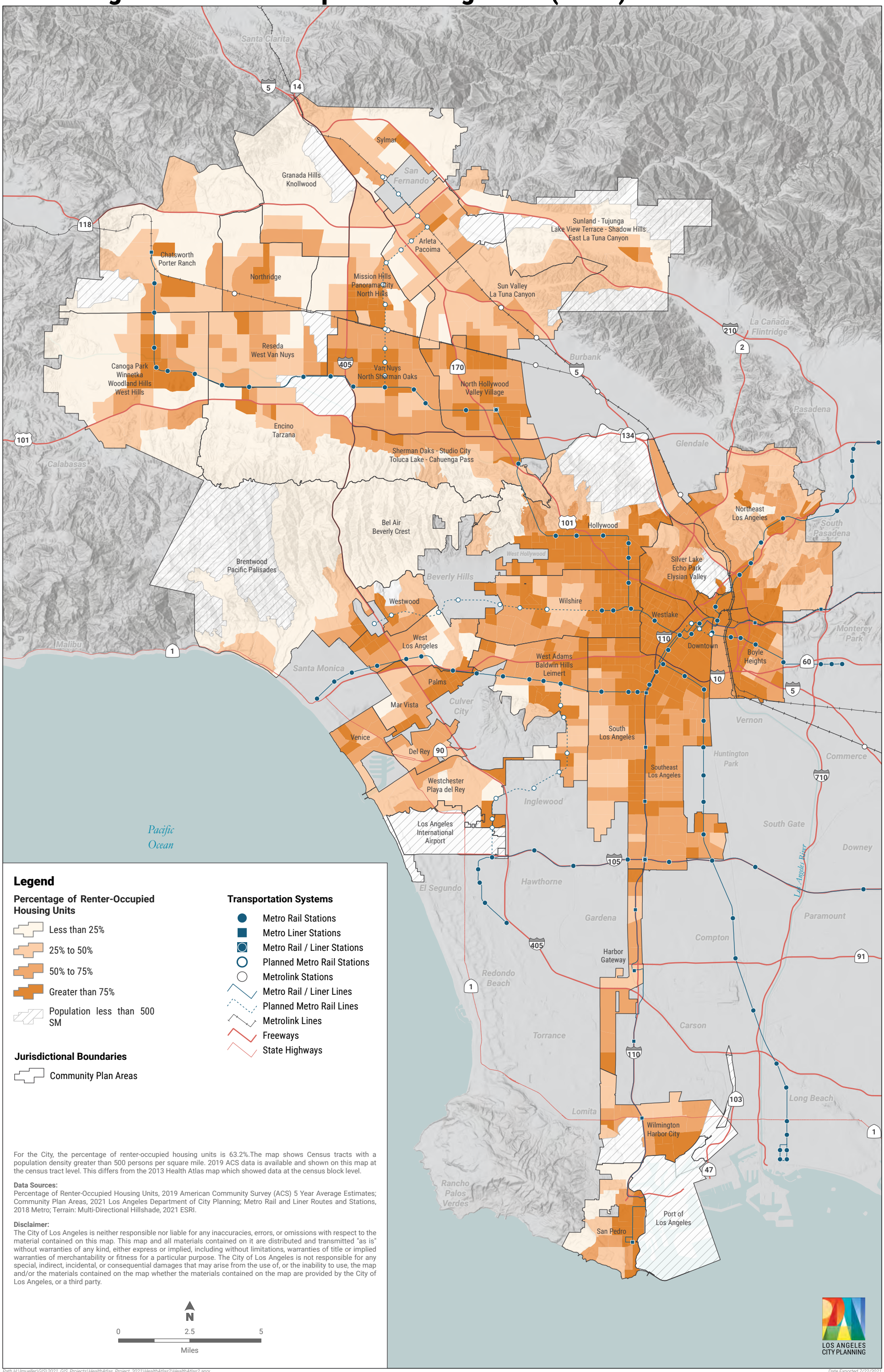
Miles

Path H:\jaguilar\GIS1WRK\Requests\HealthAtlas\Health Atlas Maps\Health Atlas Maps.aprx

Date Exported 3/16/2022

Map 101

Percentage of Renter-Occupied Housing Units (2019)



Legend

Percentage of Renter-Occupied Housing Units

- Less than 25%
- 25% to 50%
- 50% to 75%
- Greater than 75%
- Population less than 500 SM

Transportation Systems

- Metro Rail Stations
- Metro Liner Stations
- Metro Rail / Liner Stations
- Planned Metro Rail Stations
- Metrolink Stations
- Metro Rail / Liner Lines
- Planned Metro Rail Lines
- Metrolink Lines
- Freeways
- State Highways

Jurisdictional Boundaries

- Community Plan Areas

For the City, the percentage of renter-occupied housing units is 63.2%.The map shows Census tracts with a population density greater than 500 persons per square mile. 2019 ACS data is available and shown on this map at the census tract level. This differs from the 2013 Health Atlas map which showed data at the census block level.

Data Sources:
Percentage of Renter-Occupied Housing Units, 2019 American Community Survey (ACS) 5 Year Average Estimates; Community Plan Areas, 2021 Los Angeles Department of City Planning; Metro Rail and Liner Routes and Stations, 2018 Metro; Terrain: Multi-Directional Hillshade, 2021 ESRI.

Disclaimer:
The City of Los Angeles is neither responsible nor liable for any inaccuracies, errors, or omissions with respect to the material contained on this map. This map and all materials contained on it are distributed and transmitted "as is" without warranties of any kind, either express or implied, including without limitations, warranties of title or implied warranties of merchantability or fitness for a particular purpose. The City of Los Angeles is not responsible for any special, indirect, incidental, or consequential damages that may arise from the use of, or the inability to use, the map and/or the materials contained on the map whether the materials contained on the map are provided by the City of Los Angeles, or a third party.

N

0 2.5 5

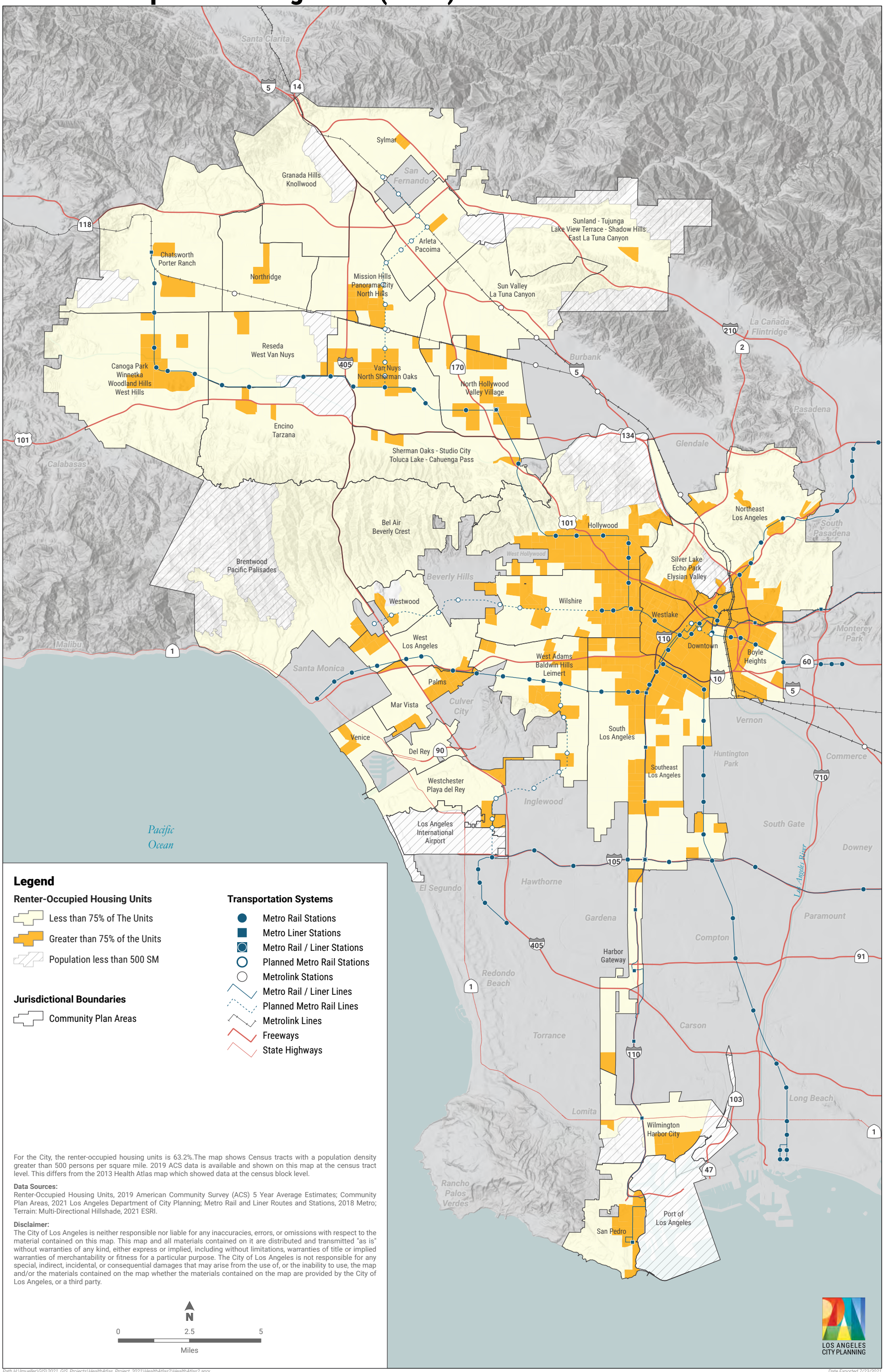
Miles

LOS ANGELES CITY PLANNING

Path H:\lmueller\GIS\2021_GIS_Projects\HealthAtlas_Project_2021\HealthAtlas2\HealthAtlas2.aprx

Date Exported 7/22/2021

Map 102
Renter-Occupied Housing Units (2019)



Legend

Renter-Occupied Housing Units

- Less than 75% of The Units
- Greater than 75% of the Units
- Population less than 500 SM

Jurisdictional Boundaries

- Community Plan Areas

Transportation Systems

- Metro Rail Stations
- Metro Liner Stations
- Metro Rail / Liner Stations
- Planned Metro Rail Stations
- Metrolink Stations
- Metro Rail / Liner Lines
- Planned Metro Rail Lines
- Metrolink Lines
- Freeways
- State Highways

For the City, the renter-occupied housing units is 63.2%.The map shows Census tracts with a population density greater than 500 persons per square mile. 2019 ACS data is available and shown on this map at the census tract level. This differs from the 2013 Health Atlas map which showed data at the census block level.

Data Sources:
Renter-Occupied Housing Units, 2019 American Community Survey (ACS) 5 Year Average Estimates; Community Plan Areas, 2021 Los Angeles Department of City Planning; Metro Rail and Liner Routes and Stations, 2018 Metro; Terrain: Multi-Directional Hillshade, 2021 ESRI.

Disclaimer:
The City of Los Angeles is neither responsible nor liable for any inaccuracies, errors, or omissions with respect to the material contained on this map. This map and all materials contained on it are distributed and transmitted "as is" without warranties of any kind, either express or implied, including without limitations, warranties of title or implied warranties of merchantability or fitness for a particular purpose. The City of Los Angeles is not responsible for any special, indirect, incidental, or consequential damages that may arise from the use of, or the inability to use, the map and/or the materials contained on the map whether the materials contained on the map are provided by the City of Los Angeles, or a third party.

N

0 2.5 5

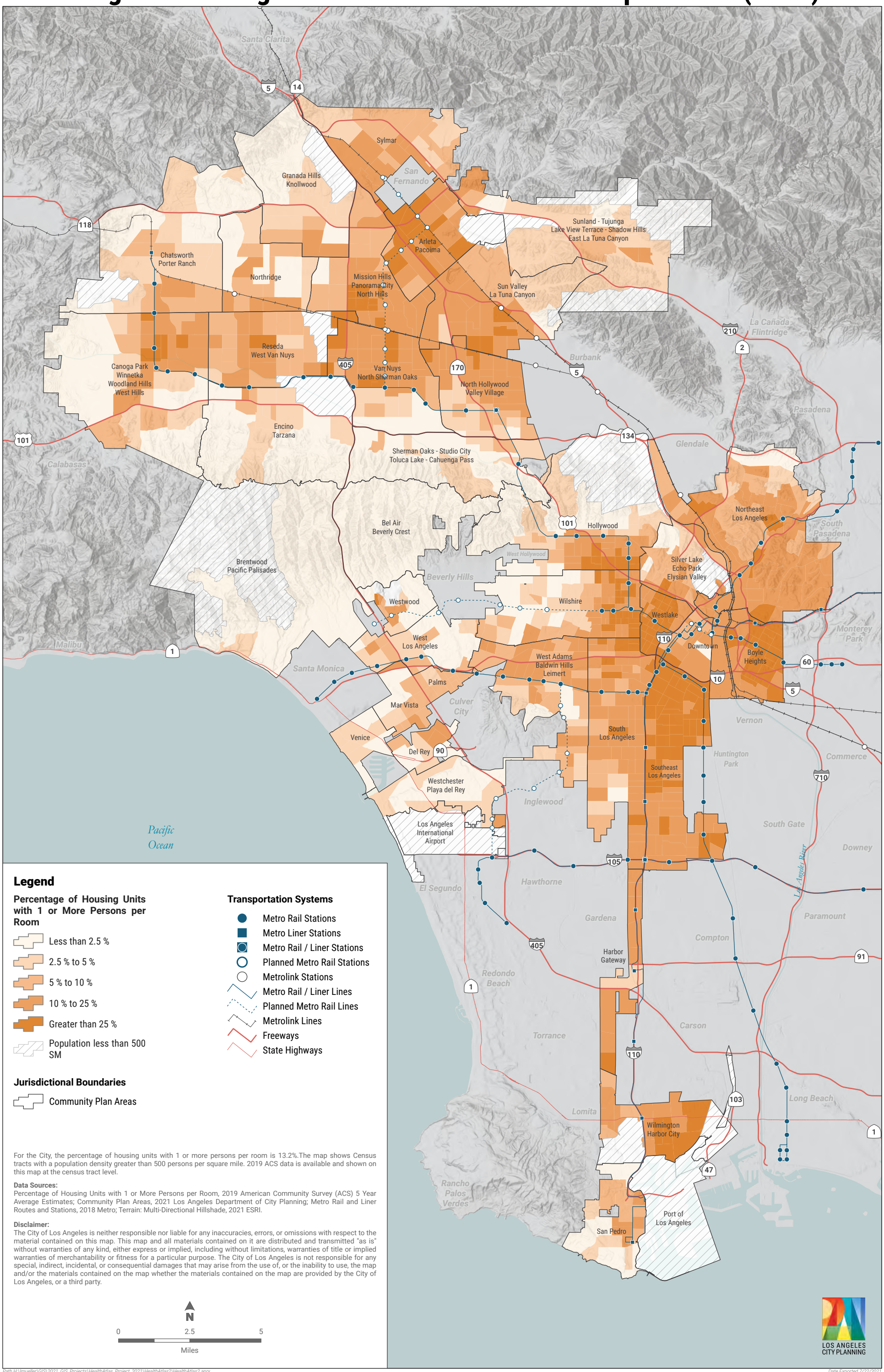
Miles

Path H:\lmueller\GIS\2021_GIS_Projects\HealthAtlas_Project_2021\HealthAtlas2\HealthAtlas2.aprx

Date Exported 7/23/2021

Map 103

Percentage of Housing Units with 1 or More Persons per Room (2019)



Legend

Percentage of Housing Units with 1 or More Persons per Room

- Less than 2.5 %
- 2.5 % to 5 %
- 5 % to 10 %
- 10 % to 25 %
- Greater than 25 %
- Population less than 500 SM

Transportation Systems

- Metro Rail Stations
- Metro Liner Stations
- Metro Rail / Liner Stations
- Planned Metro Rail Stations
- Metrolink Stations
- Metro Rail / Liner Lines
- Planned Metro Rail Lines
- Metrolink Lines
- Freeways
- State Highways

Jurisdictional Boundaries

- Community Plan Areas

For the City, the percentage of housing units with 1 or more persons per room is 13.2%.The map shows Census tracts with a population density greater than 500 persons per square mile. 2019 ACS data is available and shown on this map at the census tract level.

Data Sources:
Percentage of Housing Units with 1 or More Persons per Room, 2019 American Community Survey (ACS) 5 Year Average Estimates; Community Plan Areas, 2021 Los Angeles Department of City Planning; Metro Rail and Liner Routes and Stations, 2018 Metro; Terrain: Multi-Directional Hillshade, 2021 ESRI.

Disclaimer:
The City of Los Angeles is neither responsible nor liable for any inaccuracies, errors, or omissions with respect to the material contained on this map. This map and all materials contained on it are distributed and transmitted "as is" without warranties of any kind, either express or implied, including without limitations, warranties of title or implied warranties of merchantability or fitness for a particular purpose. The City of Los Angeles is not responsible for any special, indirect, incidental, or consequential damages that may arise from the use of, or the inability to use, the map and/or the materials contained on the map whether the materials contained on the map are provided by the City of Los Angeles, or a third party.

N

0 2.5 5

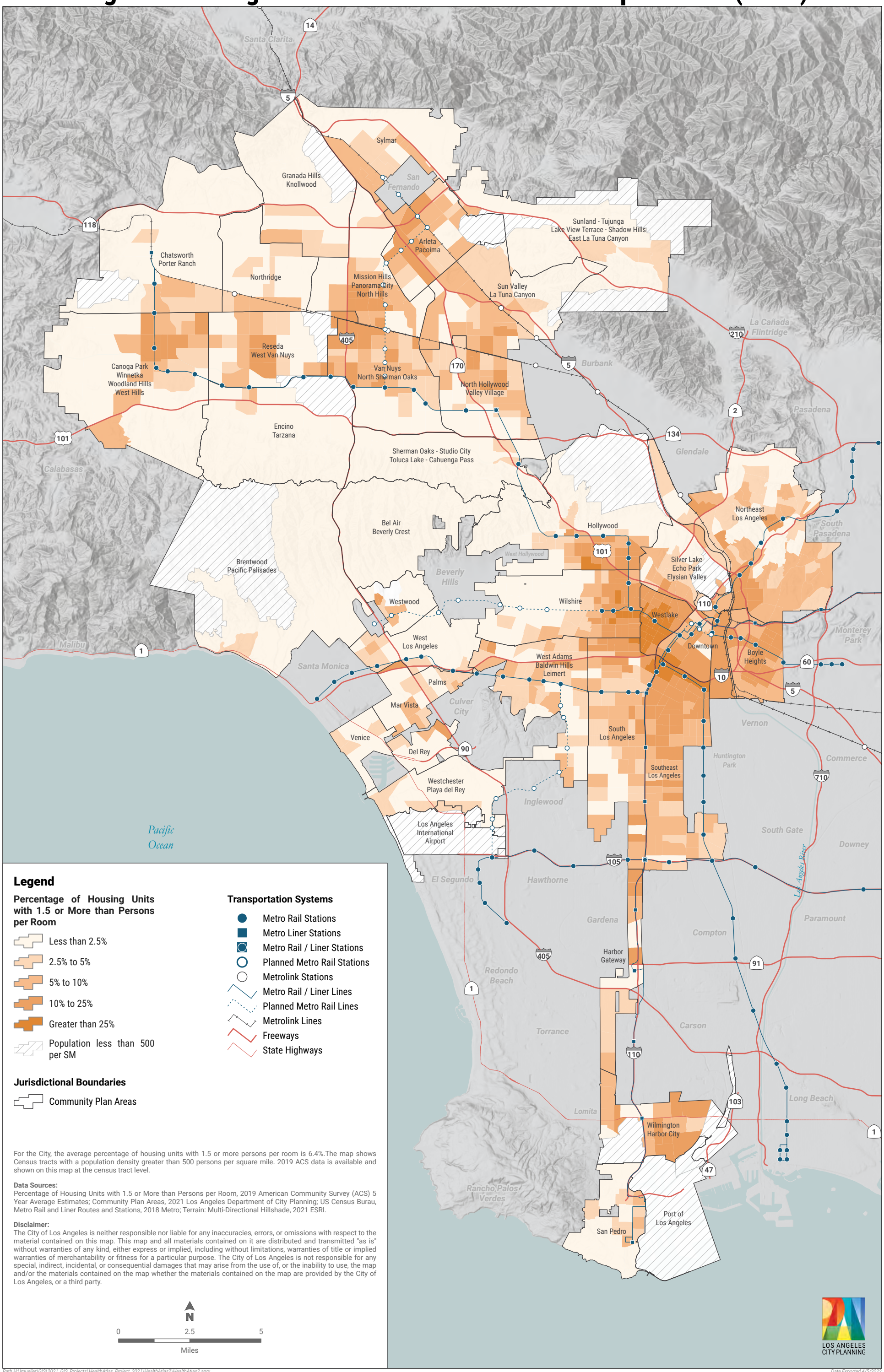
Miles

Path H:\lmueller\GIS\2021_GIS_Projects\HealthAtlas_Project_2021\HealthAtlas2\HealthAtlas2.aprx

Date Exported 7/22/2021

Map 104

Percentage of Housing Units with 1.5 or More Persons per Room (2019)



Legend

Percentage of Housing Units with 1.5 or More than Persons per Room

- Less than 2.5%
- 2.5% to 5%
- 5% to 10%
- 10% to 25%
- Greater than 25%
- Population less than 500 per SM

Transportation Systems

- Metro Rail Stations
- Metro Liner Stations
- Metro Rail / Liner Stations
- Planned Metro Rail Stations
- Metrolink Stations
- Metro Rail / Liner Lines
- Planned Metro Rail Lines
- Metrolink Lines
- Freeways
- State Highways

Jurisdictional Boundaries

- Community Plan Areas

For the City, the average percentage of housing units with 1.5 or more persons per room is 6.4%.The map shows Census tracts with a population density greater than 500 persons per square mile. 2019 ACS data is available and shown on this map at the census tract level.

Data Sources:
Percentage of Housing Units with 1.5 or More than Persons per Room, 2019 American Community Survey (ACS) 5 Year Average Estimates; Community Plan Areas, 2021 Los Angeles Department of City Planning; US Census Burau, Metro Rail and Liner Routes and Stations, 2018 Metro; Terrain: Multi-Directional Hillshade, 2021 ESRI.

Disclaimer:
The City of Los Angeles is neither responsible nor liable for any inaccuracies, errors, or omissions with respect to the material contained on this map. This map and all materials contained on it are distributed and transmitted "as is" without warranties of any kind, either express or implied, including without limitations, warranties of title or implied warranties of merchantability or fitness for a particular purpose. The City of Los Angeles is not responsible for any special, indirect, incidental, or consequential damages that may arise from the use of, or the inability to use, the map and/or the materials contained on the map whether the materials contained on the map are provided by the City of Los Angeles, or a third party.

N

0 2.5 5

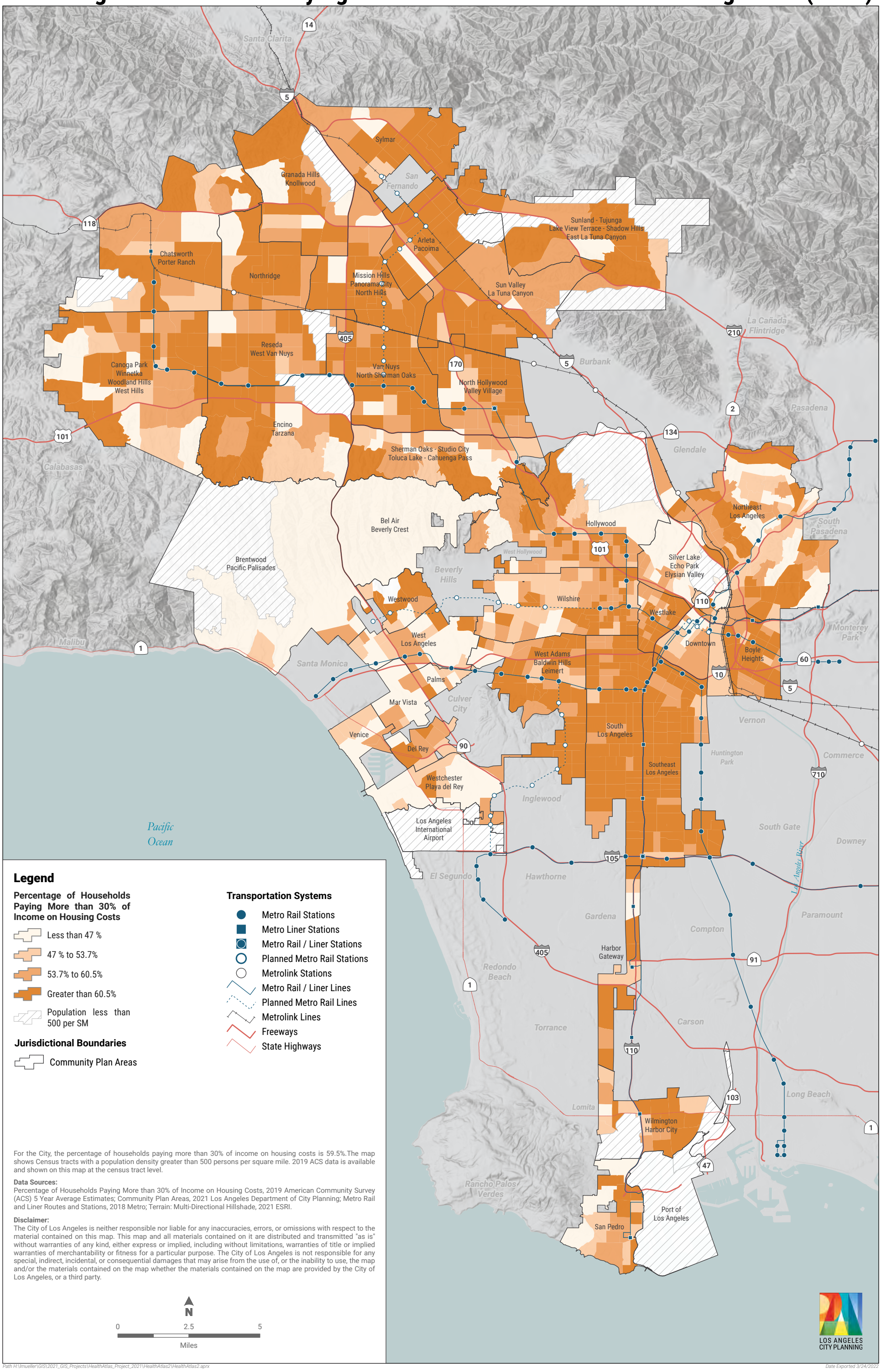
Miles

Path H:\lmueller\GIS\2021_GIS_Projects\HealthAtlas_Project_2021\HealthAtlas2\HealthAtlas2.aprx

Date Exported 4/5/2022

Map 105

Percentage of Households Paying More than 30% of Income on Housing Costs (2019)



Legend

Percentage of Households Paying More than 30% of Income on Housing Costs

- Less than 47 %
- 47 % to 53.7%
- 53.7% to 60.5%
- Greater than 60.5%
- Population less than 500 per SM

Jurisdictional Boundaries

- Community Plan Areas

Transportation Systems

- Metro Rail Stations
- Metro Liner Stations
- Metro Rail / Liner Stations
- Planned Metro Rail Stations
- Metrolink Stations
- Metro Rail / Liner Lines
- Planned Metro Rail Lines
- Metrolink Lines
- Freeways
- State Highways

For the City, the percentage of households paying more than 30% of income on housing costs is 59.5%.The map shows Census tracts with a population density greater than 500 persons per square mile. 2019 ACS data is available and shown on this map at the census tract level.

Data Sources:
Percentage of Households Paying More than 30% of Income on Housing Costs, 2019 American Community Survey (ACS) 5 Year Average Estimates; Community Plan Areas, 2021 Los Angeles Department of City Planning; Metro Rail and Liner Routes and Stations, 2018 Metro; Terrain: Multi-Directional Hillshade, 2021 ESRI.

Disclaimer:
The City of Los Angeles is neither responsible nor liable for any inaccuracies, errors, or omissions with respect to the material contained on this map. This map and all materials contained on it are distributed and transmitted "as is" without warranties of any kind, either express or implied, including without limitations, warranties of title or implied warranties of merchantability or fitness for a particular purpose. The City of Los Angeles is not responsible for any special, indirect, incidental, or consequential damages that may arise from the use of, or the inability to use, the map and/or the materials contained on the map whether the materials contained on the map are provided by the City of Los Angeles, or a third party.

N

0 2.5 5

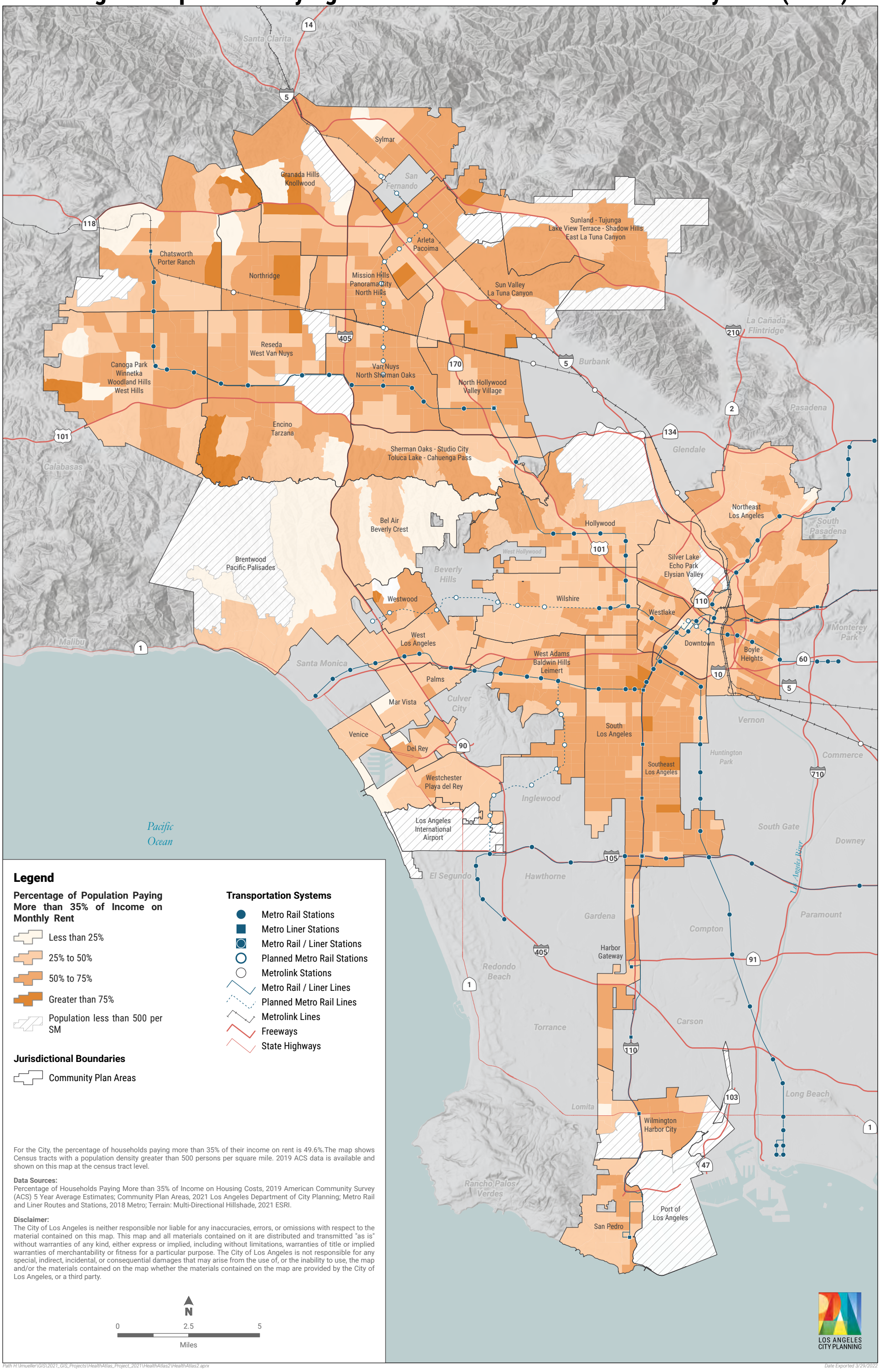
Miles

Path H:\lmueller\GIS\2021_GIS_Projects\HealthAtlas_Project_2021\HealthAtlas2\HealthAtlas2.aprx

Date Exported 3/24/2022

Map 106

Percentage of Population Paying More than 35% of Income on Monthly Rent (2019)



Legend

Percentage of Population Paying More than 35% of Income on Monthly Rent

- Less than 25%
- 25% to 50%
- 50% to 75%
- Greater than 75%
- Population less than 500 per SM

Transportation Systems

- Metro Rail Stations
- Metro Liner Stations
- Metro Rail / Liner Stations
- Planned Metro Rail Stations
- Metrolink Stations
- Metro Rail / Liner Lines
- Planned Metro Rail Lines
- Metrolink Lines
- Freeways
- State Highways

Jurisdictional Boundaries

- Community Plan Areas

For the City, the percentage of households paying more than 35% of their income on rent is 49.6%.The map shows Census tracts with a population density greater than 500 persons per square mile. 2019 ACS data is available and shown on this map at the census tract level.

Data Sources:
Percentage of Households Paying More than 35% of Income on Housing Costs, 2019 American Community Survey (ACS) 5 Year Average Estimates; Community Plan Areas, 2021 Los Angeles Department of City Planning; Metro Rail and Liner Routes and Stations, 2018 Metro; Terrain: Multi-Directional Hillshade, 2021 ESRI.

Disclaimer:
The City of Los Angeles is neither responsible nor liable for any inaccuracies, errors, or omissions with respect to the material contained on this map. This map and all materials contained on it are distributed and transmitted "as is" without warranties of any kind, either express or implied, including without limitations, warranties of title or implied warranties of merchantability or fitness for a particular purpose. The City of Los Angeles is not responsible for any special, indirect, incidental, or consequential damages that may arise from the use of, or the inability to use, the map and/or the materials contained on the map whether the materials contained on the map are provided by the City of Los Angeles, or a third party.

N

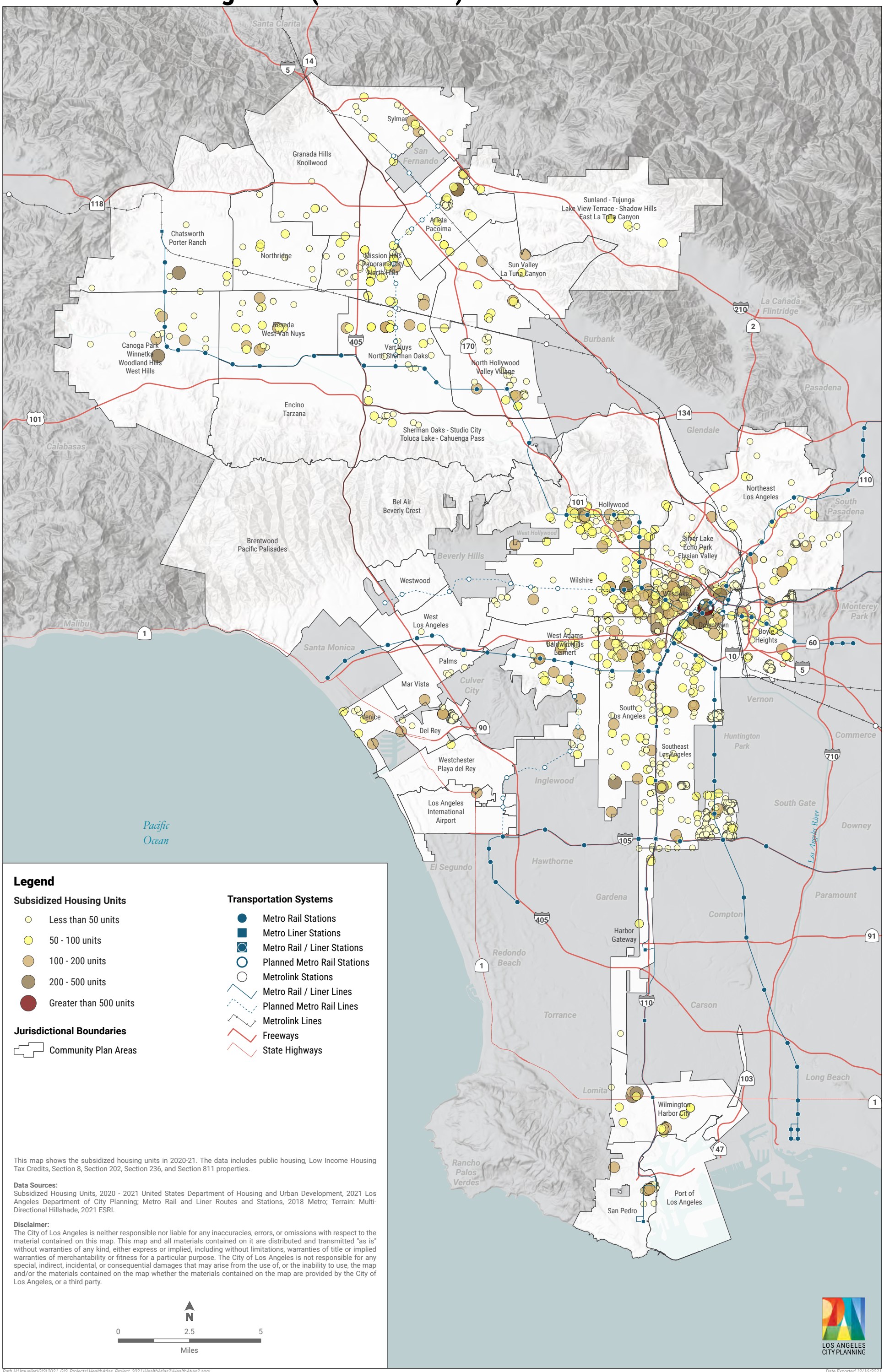
0 2.5 5

Miles

Path H:\lmueller\GIS\2021_GIS_Projects\HealthAtlas_Project_2021\HealthAtlas2\HealthAtlas2.aprx

Date Exported 3/29/2022

Map 107
Subsidized Housing Units (2020 -2021)



Legend

Subsidized Housing Units

- Less than 50 units
- 50 - 100 units
- 100 - 200 units
- 200 - 500 units
- Greater than 500 units

Jurisdictional Boundaries

- Community Plan Areas

Transportation Systems

- Metro Rail Stations
- Metro Liner Stations
- Metro Rail / Liner Stations
- Planned Metro Rail Stations
- Metrolink Stations
- Metro Rail / Liner Lines
- Planned Metro Rail Lines
- Metrolink Lines
- Freeways
- State Highways

This map shows the subsidized housing units in 2020-21. The data includes public housing, Low Income Housing Tax Credits, Section 8, Section 202, Section 236, and Section 811 properties.

Data Sources:
Subsidized Housing Units, 2020 - 2021 United States Department of Housing and Urban Development, 2021 Los Angeles Department of City Planning; Metro Rail and Liner Routes and Stations, 2018 Metro; Terrain: Multi-Directional Hillshade, 2021 ESRI.

Disclaimer:
The City of Los Angeles is neither responsible nor liable for any inaccuracies, errors, or omissions with respect to the material contained on this map. This map and all materials contained on it are distributed and transmitted "as is" without warranties of any kind, either express or implied, including without limitations, warranties of title or implied warranties of merchantability or fitness for a particular purpose. The City of Los Angeles is not responsible for any special, indirect, incidental, or consequential damages that may arise from the use of, or the inability to use, the map and/or the materials contained on the map whether the materials contained on the map are provided by the City of Los Angeles, or a third party.

N

0 2.5 5

Miles

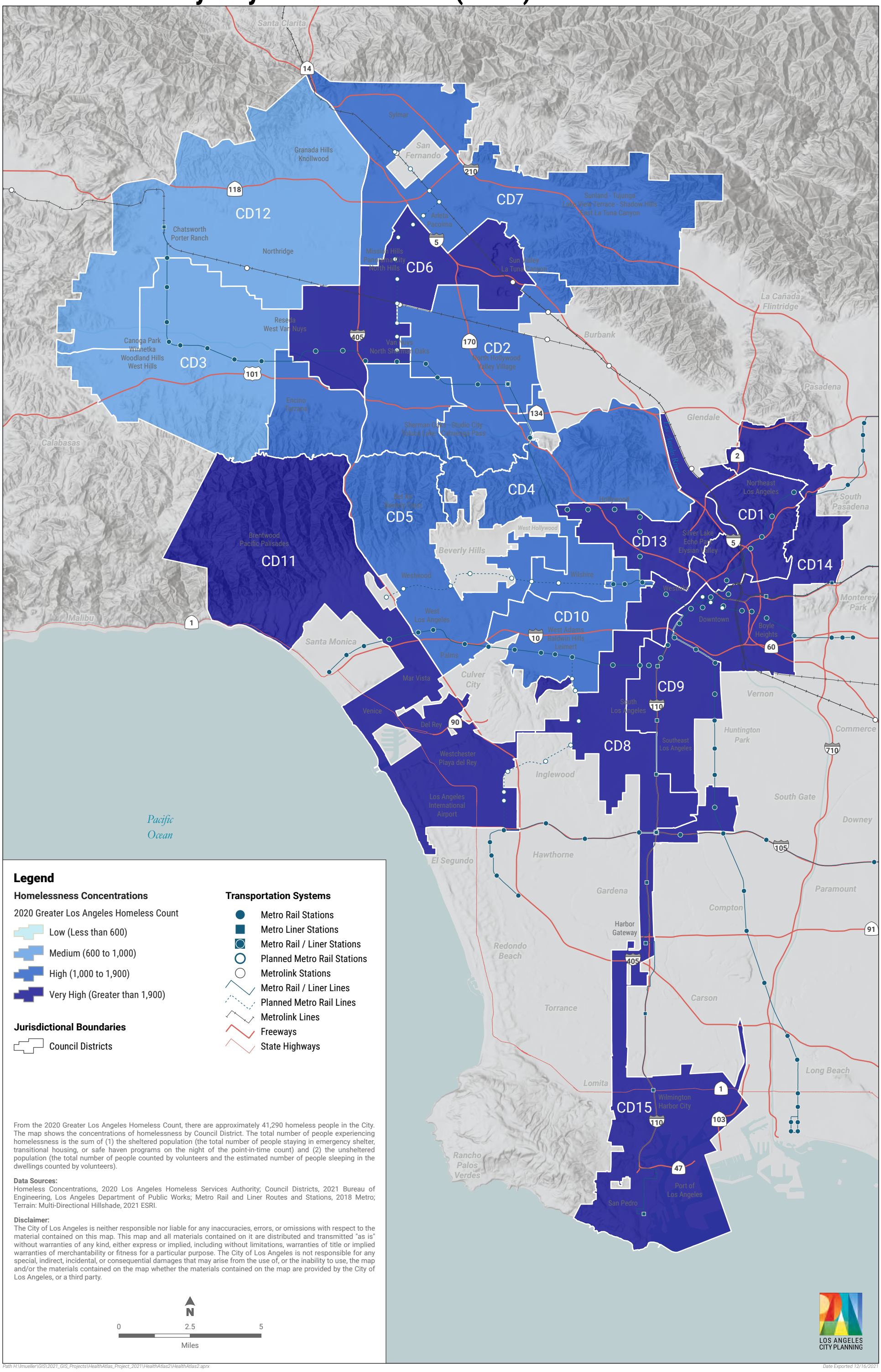
LOS ANGELES CITY PLANNING

Path H:\lmueller\GIS\2021_GIS_Projects\HealthAtlas_Project_2021\HealthAtlas2\HealthAtlas2.aprx

Date Exported 12/16/2021

Map 108

Homelessness by City Council District (2020)



Legend

Homelessness Concentrations

2020 Greater Los Angeles Homeless Count

- Low (Less than 600)
- Medium (600 to 1,000)
- High (1,000 to 1,900)
- Very High (Greater than 1,900)

Jurisdictional Boundaries

- Council Districts

Transportation Systems

- Metro Rail Stations
- Metro Liner Stations
- Metro Rail / Liner Stations
- Planned Metro Rail Stations
- Metrolink Stations
- Metro Rail / Liner Lines
- Planned Metro Rail Lines
- Metrolink Lines
- Freeways
- State Highways

From the 2020 Greater Los Angeles Homeless Count, there are approximately 41,290 homeless people in the City. The map shows the concentrations of homelessness by Council District. The total number of people experiencing homelessness is the sum of (1) the sheltered population (the total number of people staying in emergency shelter, transitional housing, or safe haven programs on the night of the point-in-time count) and (2) the unsheltered population (the total number of people counted by volunteers and the estimated number of people sleeping in the dwellings counted by volunteers).

Data Sources:
Homeless Concentrations, 2020 Los Angeles Homeless Services Authority; Council Districts, 2021 Bureau of Engineering, Los Angeles Department of Public Works; Metro Rail and Liner Routes and Stations, 2018 Metro; Terrain: Multi-Directional Hillshade, 2021 ESRI.

Disclaimer:
The City of Los Angeles is neither responsible nor liable for any inaccuracies, errors, or omissions with respect to the material contained on this map. This map and all materials contained on it are distributed and transmitted "as is" without warranties of any kind, either express or implied, including without limitations, warranties of title or implied warranties of merchantability or fitness for a particular purpose. The City of Los Angeles is not responsible for any special, indirect, incidental, or consequential damages that may arise from the use of, or the inability to use, the map and/or the materials contained on the map whether the materials contained on the map are provided by the City of Los Angeles, or a third party.

N

0 2.5 5

Miles

Path H:\lmueller\GIS\2021_GIS_Projects\HealthAtlas_Project_2021\HealthAtlas2\HealthAtlas2.aprx

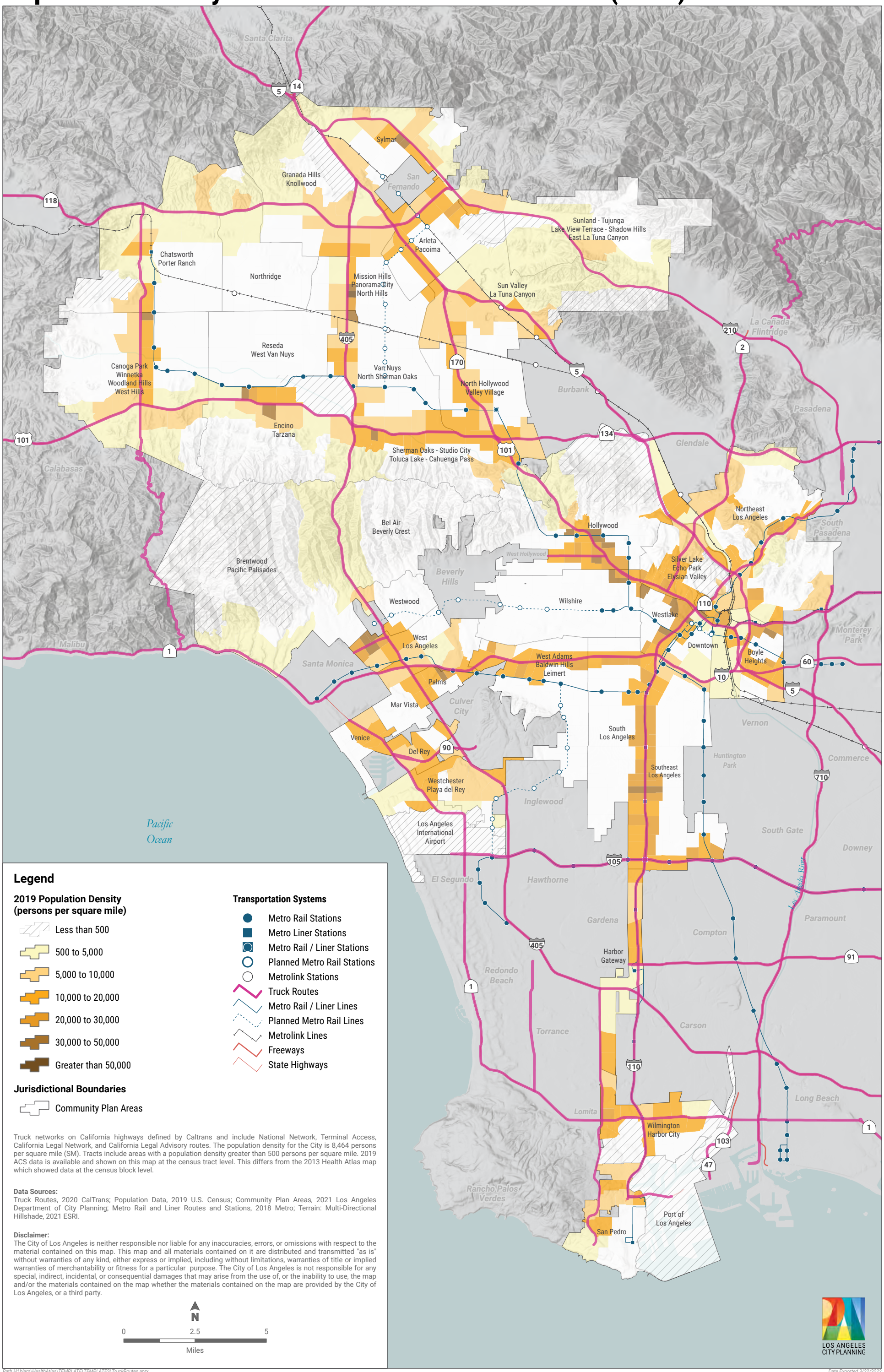
Date Exported 12/16/2021

THIS PAGE IS INTENTIONALLY LEFT BLANK

ENVIRONMENTAL HEALTH

Chapter 12

Map 109
Population Density within 500 Feet of Truck Routes (2019)



Legend

2019 Population Density (persons per square mile)

- Less than 500
- 500 to 5,000
- 5,000 to 10,000
- 10,000 to 20,000
- 20,000 to 30,000
- 30,000 to 50,000
- Greater than 50,000

Jurisdictional Boundaries

- Community Plan Areas

Transportation Systems

- Metro Rail Stations
- Metro Liner Stations
- Metro Rail / Liner Stations
- Planned Metro Rail Stations
- Metrolink Stations
- Truck Routes
- Metro Rail / Liner Lines
- Planned Metro Rail Lines
- Metrolink Lines
- Freeways
- State Highways

Truck networks on California highways defined by Caltrans and include National Network, Terminal Access, California Legal Network, and California Legal Advisory routes. The population density for the City is 8,464 persons per square mile (SM). Tracts include areas with a population density greater than 500 persons per square mile. 2019 ACS data is available and shown on this map at the census tract level. This differs from the 2013 Health Atlas map which showed data at the census block level.

Data Sources:
Truck Routes, 2020 CalTrans; Population Data, 2019 U.S. Census; Community Plan Areas, 2021 Los Angeles Department of City Planning; Metro Rail and Liner Routes and Stations, 2018 Metro; Terrain: Multi-Directional Hillshade, 2021 ESRI.

Disclaimer:
The City of Los Angeles is neither responsible nor liable for any inaccuracies, errors, or omissions with respect to the material contained on this map. This map and all materials contained on it are distributed and transmitted "as is" without warranties of any kind, either express or implied, including without limitations, warranties of title or implied warranties of merchantability or fitness for a particular purpose. The City of Los Angeles is not responsible for any special, indirect, incidental, or consequential damages that may arise from the use of, or the inability to use, the map and/or the materials contained on the map whether the materials contained on the map are provided by the City of Los Angeles, or a third party.

N

0 2.5 5

Miles

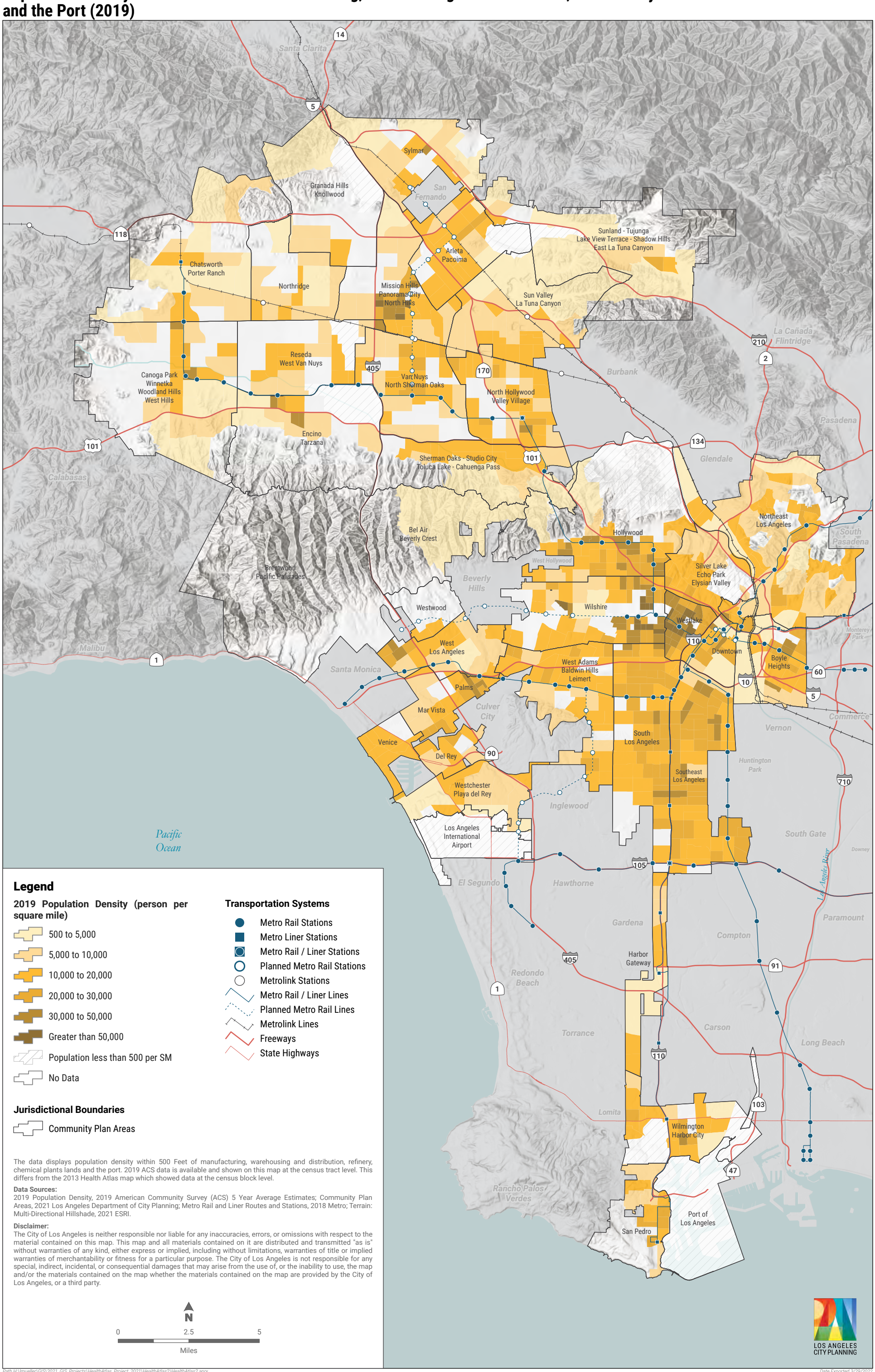
LOS ANGELES CITY PLANNING

Path H:\blam\HealthAtlas\TEMPLATE\TEMPLATES\TruckRoutes.aprx

Date Exported 3/22/2022

Map 110

Population Density within 500 Feet of Manufacturing, Warehousing and Distribution,and Refinery and Chemical Plants Lands and the Port (2019)



Legend

2019 Population Density (person per square mile)

- 500 to 5,000
- 5,000 to 10,000
- 10,000 to 20,000
- 20,000 to 30,000
- 30,000 to 50,000
- Greater than 50,000
- Population less than 500 per SM
- No Data

Transportation Systems

- Metro Rail Stations
- Metro Liner Stations
- Metro Rail / Liner Stations
- Planned Metro Rail Stations
- Metrolink Stations
- Metro Rail / Liner Lines
- Planned Metro Rail Lines
- Metrolink Lines
- Freeways
- State Highways

Jurisdictional Boundaries

- Community Plan Areas

The data displays population density within 500 Feet of manufacturing, warehousing and distribution, refinery, chemical plants lands and the port. 2019 ACS data is available and shown on this map at the census tract level. This differs from the 2013 Health Atlas map which showed data at the census block level.

Data Sources:
2019 Population Density, 2019 American Community Survey (ACS) 5 Year Average Estimates; Community Plan Areas, 2021 Los Angeles Department of City Planning; Metro Rail and Liner Routes and Stations, 2018 Metro; Terrain: Multi-Directional Hillshade, 2021 ESRI.

Disclaimer:
The City of Los Angeles is neither responsible nor liable for any inaccuracies, errors, or omissions with respect to the material contained on this map. This map and all materials contained on it are distributed and transmitted "as is" without warranties of any kind, either express or implied, including without limitations, warranties of title or implied warranties of merchantability or fitness for a particular purpose. The City of Los Angeles is not responsible for any special, indirect, incidental, or consequential damages that may arise from the use of, or the inability to use, the map and/or the materials contained on the map whether the materials contained on the map are provided by the City of Los Angeles, or a third party.

N

0 2.5 5

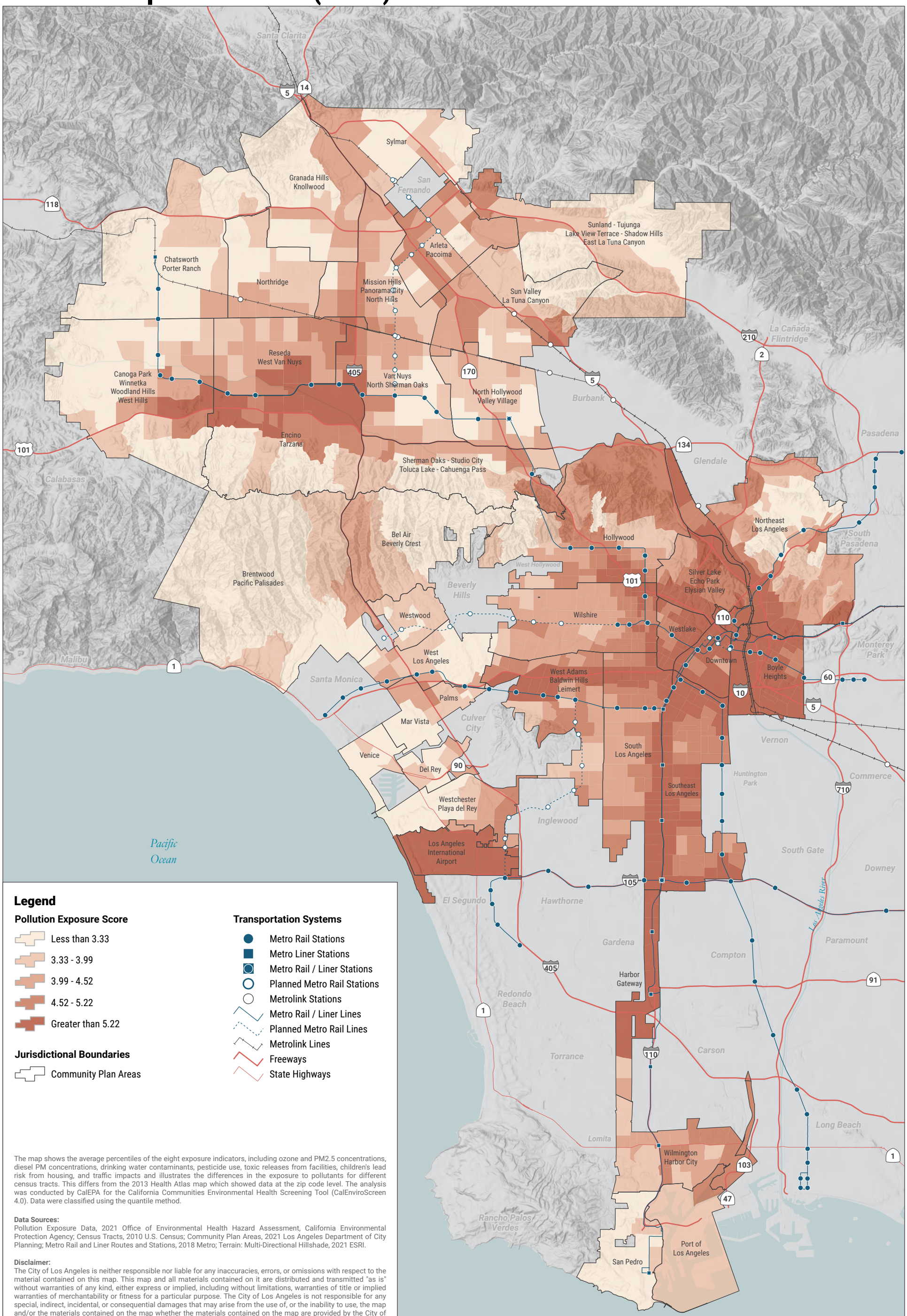
Miles

LOS ANGELES CITY PLANNING

Path H:\lmueller\GIS\2021_GIS_Projects\HealthAtlas_Project_2021\HealthAtlas2\HealthAtlas2.aprx

Date Exported 3/29/2022

Map 111
Pollution Exposure Score (2021)



Legend

Pollution Exposure Score

- Less than 3.33
- 3.33 - 3.99
- 3.99 - 4.52
- 4.52 - 5.22
- Greater than 5.22

Jurisdictional Boundaries

- Community Plan Areas

Transportation Systems

- Metro Rail Stations
- Metro Liner Stations
- Metro Rail / Liner Stations
- Planned Metro Rail Stations
- Metrolink Stations
- Metro Rail / Liner Lines
- Planned Metro Rail Lines
- Metrolink Lines
- Freeways
- State Highways

The map shows the average percentiles of the eight exposure indicators, including ozone and PM2.5 concentrations, diesel PM concentrations, drinking water contaminants, pesticide use, toxic releases from facilities, children's lead risk from housing, and traffic impacts and illustrates the differences in the exposure to pollutants for different census tracts. This differs from the 2013 Health Atlas map which showed data at the zip code level. The analysis was conducted by CalEPA for the California Communities Environmental Health Screening Tool (CalEnviroScreen 4.0). Data were classified using the quantile method.

Data Sources:
Pollution Exposure Data, 2021 Office of Environmental Health Hazard Assessment, California Environmental Protection Agency; Census Tracts, 2010 U.S. Census; Community Plan Areas, 2021 Los Angeles Department of City Planning; Metro Rail and Liner Routes and Stations, 2018 Metro; Terrain: Multi-Directional Hillshade, 2021 ESRI.

Disclaimer:
The City of Los Angeles is neither responsible nor liable for any inaccuracies, errors, or omissions with respect to the material contained on this map. This map and all materials contained on it are distributed and transmitted "as is" without warranties of any kind, either express or implied, including without limitations, warranties of title or implied warranties of merchantability or fitness for a particular purpose. The City of Los Angeles is not responsible for any special, indirect, incidental, or consequential damages that may arise from the use of, or the inability to use, the map and/or the materials contained on the map whether the materials contained on the map are provided by the City of Los Angeles, or a third party.

N

0 2.5 5

Miles

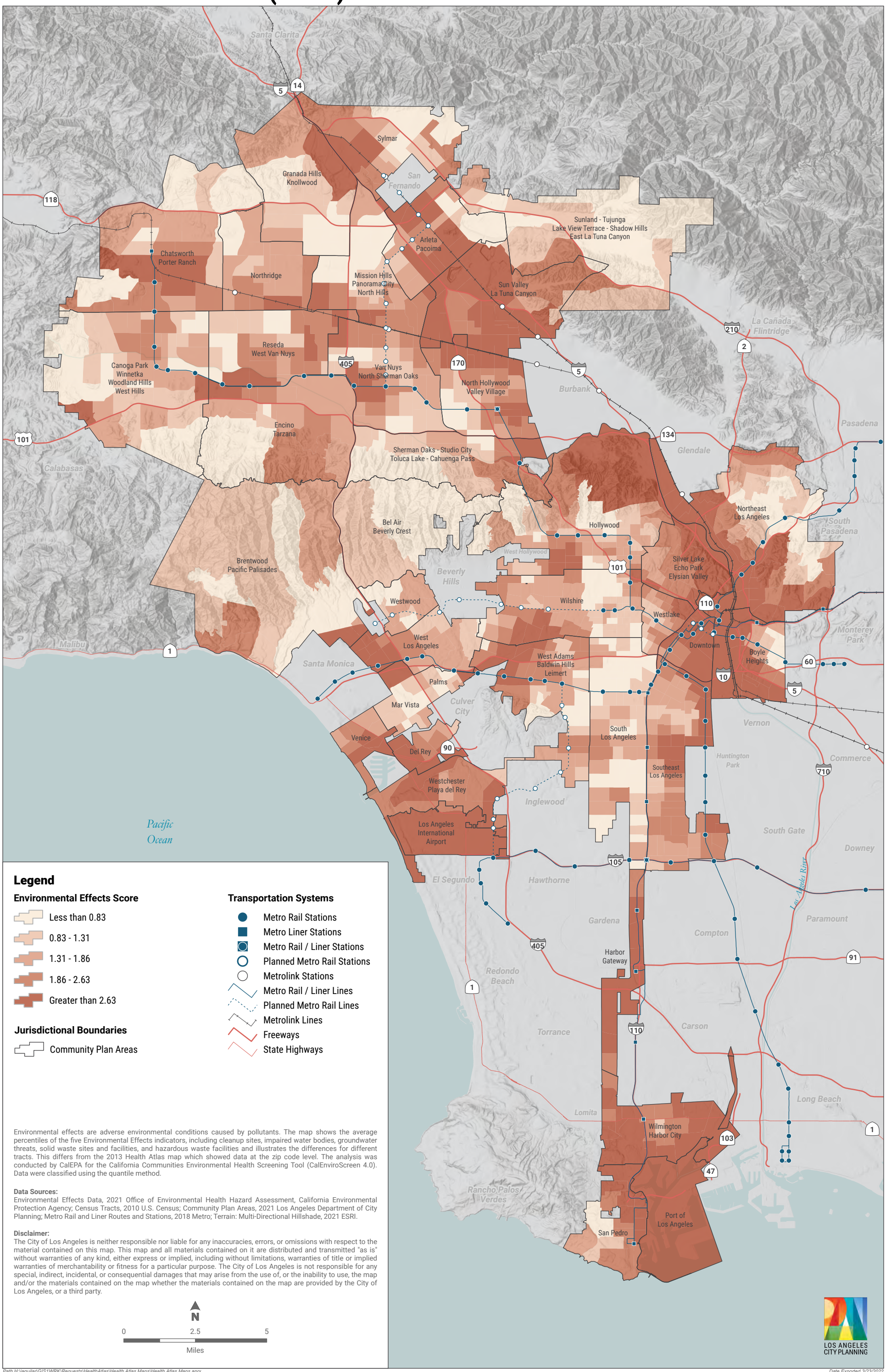
LOS ANGELES CITY PLANNING

Path H:\jaguilar\GIS1WRK\Requests\HealthAtlas\Health Atlas Maps\Health Atlas Maps.aprx

Date Exported 3/21/2022

Map 112

Environmental Effects (2021)



Legend

Environmental Effects Score

- Less than 0.83
- 0.83 - 1.31
- 1.31 - 1.86
- 1.86 - 2.63
- Greater than 2.63

Jurisdictional Boundaries

- Community Plan Areas

Transportation Systems

- Metro Rail Stations
- Metro Liner Stations
- Metro Rail / Liner Stations
- Planned Metro Rail Stations
- Metrolink Stations
- Metro Rail / Liner Lines
- Planned Metro Rail Lines
- Metrolink Lines
- Freeways
- State Highways

Environmental effects are adverse environmental conditions caused by pollutants. The map shows the average percentiles of the five Environmental Effects indicators, including cleanup sites, impaired water bodies, groundwater threats, solid waste sites and facilities, and hazardous waste facilities and illustrates the differences for different tracts. This differs from the 2013 Health Atlas map which showed data at the zip code level. The analysis was conducted by CalEPA for the California Communities Environmental Health Screening Tool (CalEnviroScreen 4.0). Data were classified using the quantile method.

Data Sources:
Environmental Effects Data, 2021 Office of Environmental Health Hazard Assessment, California Environmental Protection Agency; Census Tracts, 2010 U.S. Census; Community Plan Areas, 2021 Los Angeles Department of City Planning; Metro Rail and Liner Routes and Stations, 2018 Metro; Terrain: Multi-Directional Hillshade, 2021 ESRI.

Disclaimer:
The City of Los Angeles is neither responsible nor liable for any inaccuracies, errors, or omissions with respect to the material contained on this map. This map and all materials contained on it are distributed and transmitted "as is" without warranties of any kind, either express or implied, including without limitations, warranties of title or implied warranties of merchantability or fitness for a particular purpose. The City of Los Angeles is not responsible for any special, indirect, incidental, or consequential damages that may arise from the use of, or the inability to use, the map and/or the materials contained on the map whether the materials contained on the map are provided by the City of Los Angeles, or a third party.

N

0 2.5 5

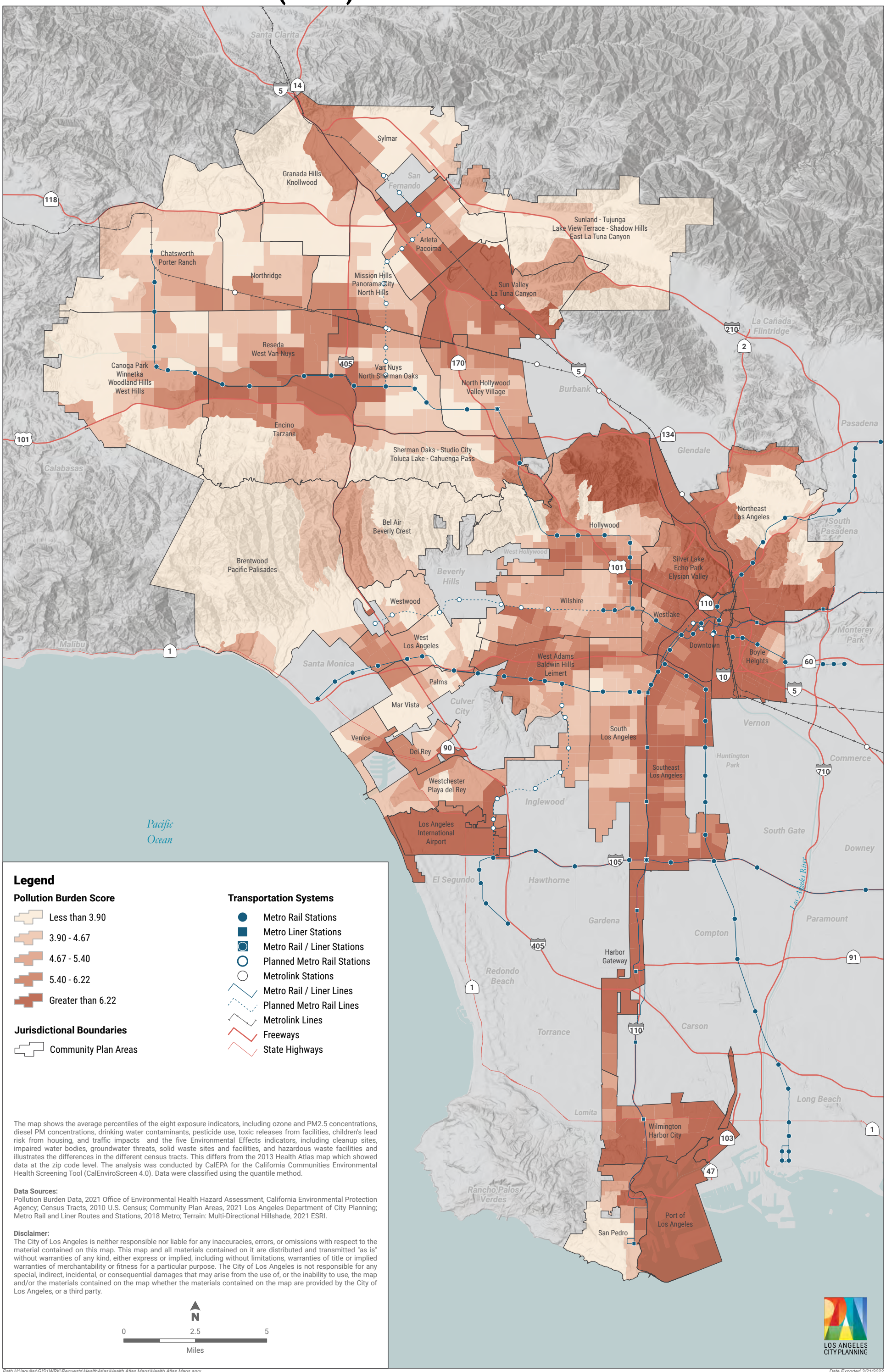
Miles

LOS ANGELES CITY PLANNING

Path H:\jaguilar\GIS1WRK\Requests\HealthAtlas\Health Atlas Maps\Health Atlas Maps.aprx

Date Exported 3/23/2022

Map 113
Pollution Burden Index (2021)



Legend

Pollution Burden Score

- Less than 3.90
- 3.90 - 4.67
- 4.67 - 5.40
- 5.40 - 6.22
- Greater than 6.22

Jurisdictional Boundaries

- Community Plan Areas

Transportation Systems

- Metro Rail Stations
- Metro Liner Stations
- Metro Rail / Liner Stations
- Planned Metro Rail Stations
- Metrolink Stations
- Metro Rail / Liner Lines
- Planned Metro Rail Lines
- Metrolink Lines
- Freeways
- State Highways

The map shows the average percentiles of the eight exposure indicators, including ozone and PM2.5 concentrations, diesel PM concentrations, drinking water contaminants, pesticide use, toxic releases from facilities, children's lead risk from housing, and traffic impacts and the five Environmental Effects indicators, including cleanup sites, impaired water bodies, groundwater threats, solid waste sites and facilities, and hazardous waste facilities and illustrates the differences in the different census tracts. This differs from the 2013 Health Atlas map which showed data at the zip code level. The analysis was conducted by CalEPA for the California Communities Environmental Health Screening Tool (CalEnviroScreen 4.0). Data were classified using the quantile method.

Data Sources:
Pollution Burden Data, 2021 Office of Environmental Health Hazard Assessment, California Environmental Protection Agency; Census Tracts, 2010 U.S. Census; Community Plan Areas, 2021 Los Angeles Department of City Planning; Metro Rail and Liner Routes and Stations, 2018 Metro; Terrain: Multi-Directional Hillshade, 2021 ESRI.

Disclaimer:
The City of Los Angeles is neither responsible nor liable for any inaccuracies, errors, or omissions with respect to the material contained on this map. This map and all materials contained on it are distributed and transmitted "as is" without warranties of any kind, either express or implied, including without limitations, warranties of title or implied warranties of merchantability or fitness for a particular purpose. The City of Los Angeles is not responsible for any special, indirect, incidental, or consequential damages that may arise from the use of, or the inability to use, the map and/or the materials contained on the map whether the materials contained on the map are provided by the City of Los Angeles, or a third party.

N

0 2.5 5

Miles

LOS ANGELES CITY PLANNING

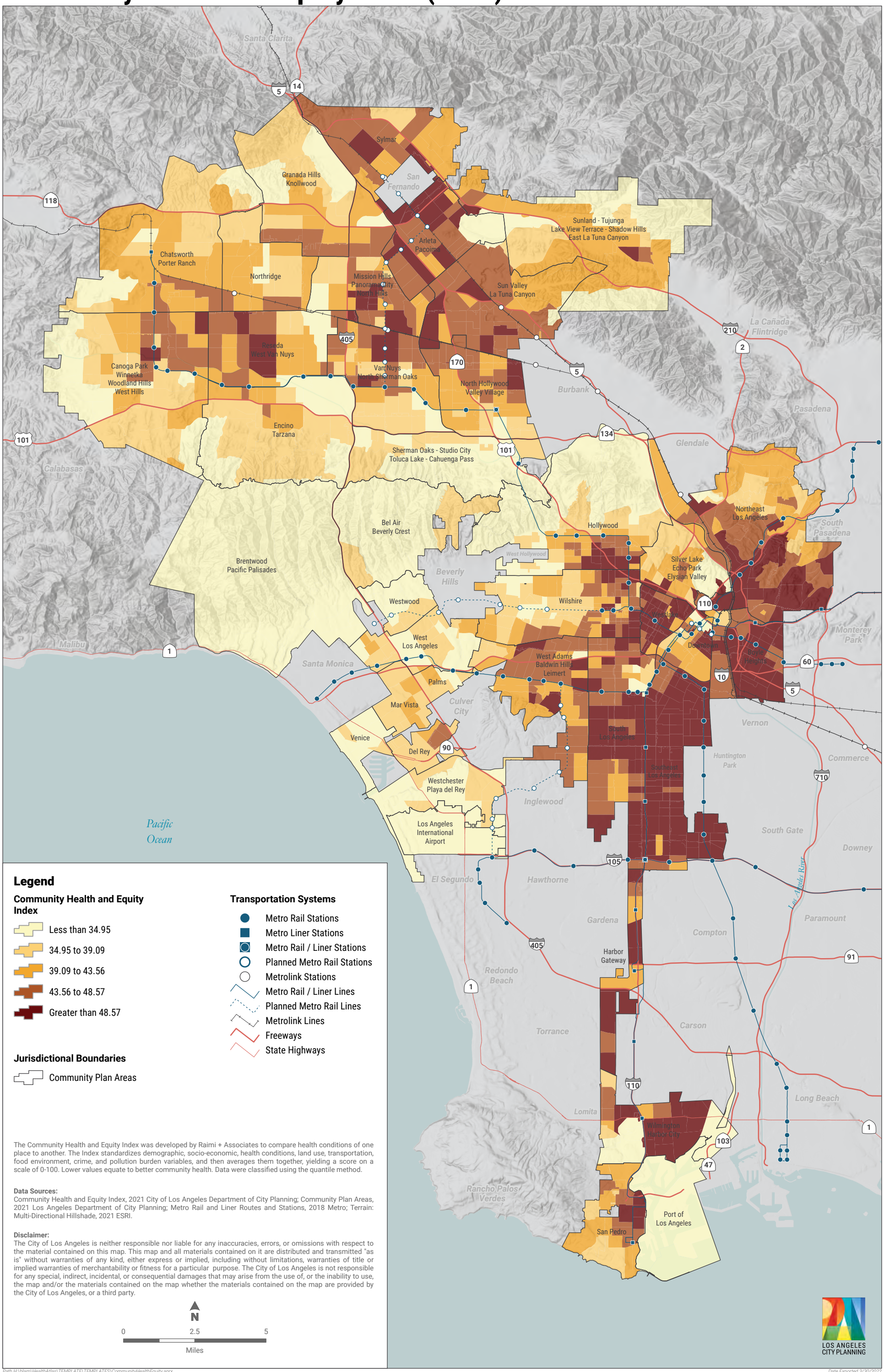
Path H:\jaguilar\GIS1WRK\Requests\HealthAtlas\Health Atlas Maps\Health Atlas Maps.aprx

Date Exported 3/21/2022

COMMUNITY HEALTH AND EQUITY INDEX

Chapter 13

Map 114
Community Health and Equity Index (2021)



Legend

Community Health and Equity Index

- Less than 34.95
- 34.95 to 39.09
- 39.09 to 43.56
- 43.56 to 48.57
- Greater than 48.57

Jurisdictional Boundaries

- Community Plan Areas

Transportation Systems

- Metro Rail Stations
- Metro Liner Stations
- Metro Rail / Liner Stations
- Planned Metro Rail Stations
- Metrolink Stations
- Metro Rail / Liner Lines
- Planned Metro Rail Lines
- Metrolink Lines
- Freeways
- State Highways

The Community Health and Equity Index was developed by Raimi + Associates to compare health conditions of one place to another. The Index standardizes demographic, socio-economic, health conditions, land use, transportation, food environment, crime, and pollution burden variables, and then averages them together, yielding a score on a scale of 0-100. Lower values equate to better community health. Data were classified using the quantile method.

Data Sources:
Community Health and Equity Index, 2021 City of Los Angeles Department of City Planning; Community Plan Areas, 2021 Los Angeles Department of City Planning; Metro Rail and Liner Routes and Stations, 2018 Metro; Terrain: Multi-Directional Hillshade, 2021 ESRI.

Disclaimer:
The City of Los Angeles is neither responsible nor liable for any inaccuracies, errors, or omissions with respect to the material contained on this map. This map and all materials contained on it are distributed and transmitted "as is" without warranties of any kind, either express or implied, including without limitations, warranties of title or implied warranties of merchantability or fitness for a particular purpose. The City of Los Angeles is not responsible for any special, indirect, incidental, or consequential damages that may arise from the use of, or the inability to use, the map and/or the materials contained on the map whether the materials contained on the map are provided by the City of Los Angeles, or a third party.

N

0 2.5 5

Miles

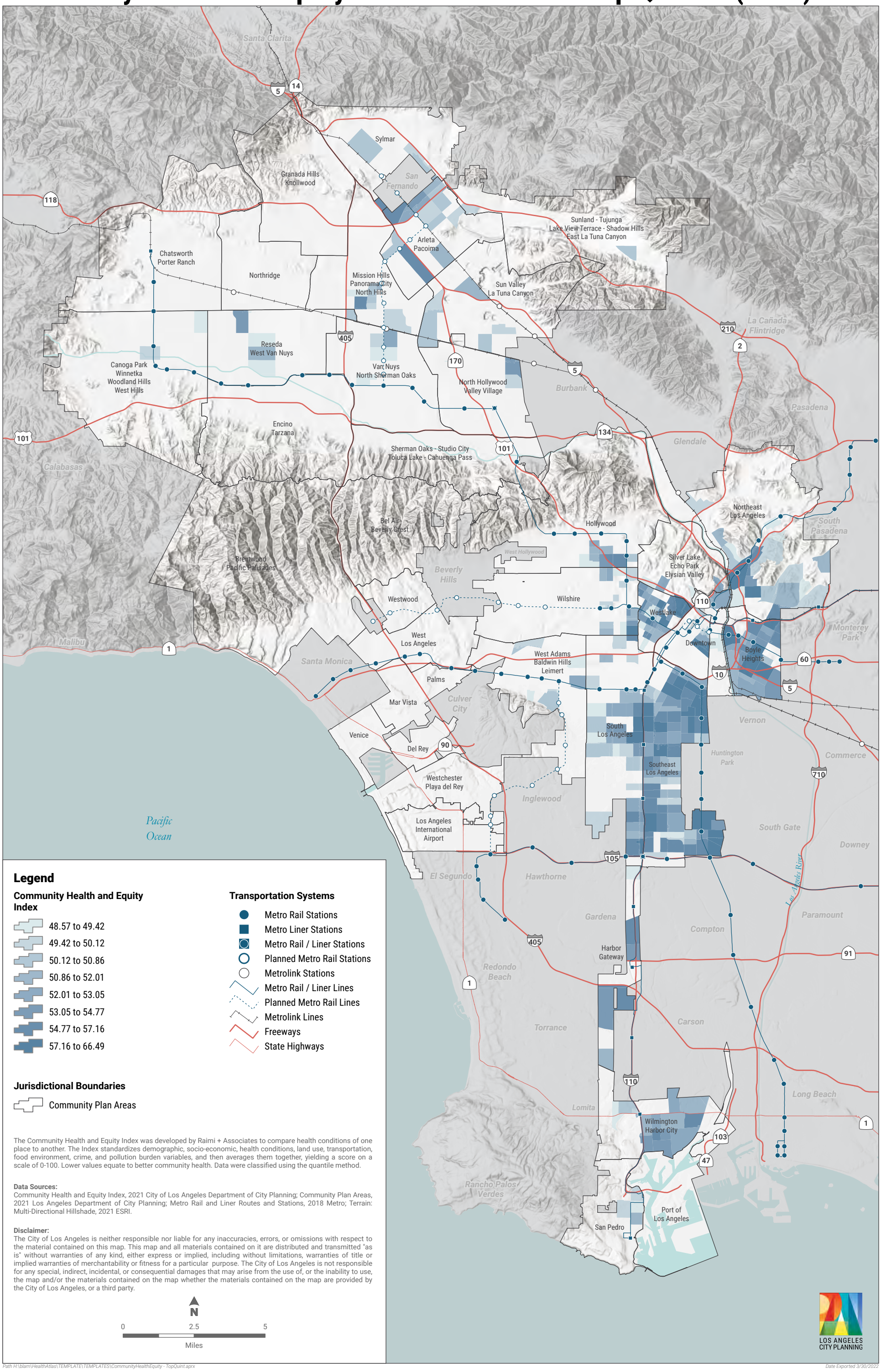
LOS ANGELES CITY PLANNING

Path H:\blam\HealthAtlas\TEMPLATE\TEMPLATES\CommunityHealthEquity.aprx

Date Exported 3/30/2022

Map 115

Community Health and Equity Index - Areas in the Top Quintile (2021)



Legend

Community Health and Equity Index

- 48.57 to 49.42
- 49.42 to 50.12
- 50.12 to 50.86
- 50.86 to 52.01
- 52.01 to 53.05
- 53.05 to 54.77
- 54.77 to 57.16
- 57.16 to 66.49

Transportation Systems

- Metro Rail Stations
- Metro Liner Stations
- Metro Rail / Liner Stations
- Planned Metro Rail Stations
- Metrolink Stations
- Metro Rail / Liner Lines
- Planned Metro Rail Lines
- Metrolink Lines
- Freeways
- State Highways

Jurisdictional Boundaries

- Community Plan Areas

The Community Health and Equity Index was developed by Raimi + Associates to compare health conditions of one place to another. The Index standardizes demographic, socio-economic, health conditions, land use, transportation, food environment, crime, and pollution burden variables, and then averages them together, yielding a score on a scale of 0-100. Lower values equate to better community health. Data were classified using the quantile method.

Data Sources:
Community Health and Equity Index, 2021 City of Los Angeles Department of City Planning; Community Plan Areas, 2021 Los Angeles Department of City Planning; Metro Rail and Liner Routes and Stations, 2018 Metro; Terrain: Multi-Directional Hillshade, 2021 ESRI.

Disclaimer:
The City of Los Angeles is neither responsible nor liable for any inaccuracies, errors, or omissions with respect to the material contained on this map. This map and all materials contained on it are distributed and transmitted "as is" without warranties of any kind, either express or implied, including without limitations, warranties of title or implied warranties of merchantability or fitness for a particular purpose. The City of Los Angeles is not responsible for any special, indirect, incidental, or consequential damages that may arise from the use of, or the inability to use, the map and/or the materials contained on the map whether the materials contained on the map are provided by the City of Los Angeles, or a third party.

N

0 2.5 5

Miles

LOS ANGELES CITY PLANNING

Path H:\blam\HealthAtlas\TEMPLATE\TEMPLATES\CommunityHealthEquity - TopQuint.aprx

Date Exported 3/30/2022