



Maricopa County Air Quality Department

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## Electric Vehicle Charging Locator Map Metadata

Data Layer	Scale	Table Fields and Sub-Layers	Data Sources
<b>Electric Vehicle (EV) Group</b>			
EV Charging Stations in Maricopa County	Points	Station Name, Address, Access Type (Public/Private), Access Days/Times, Station Type/EVSE Number, EV Network, Date Info Confirmed, Owner Type Code, Date Opened, EV Connector Types, Access Details, Facility Type, and Pricing.	U.S. Department of Energy, <a href="#">Alternative Fuels Data Center</a> (data accessed July 2022)
Alt Fuel Corridors in AZ (from FHWA)	Line	“The Federal Highway Administration (FHWA) has established a national network of alternative fueling and charging infrastructure along National Highway System corridors called Alternative Fuel Corridors (AFCs) and the National Electric Vehicle Infrastructure (NEVI) Formula Program funds can be spent on those AFCs that are designated for EV charging. Projects along Interstates should be prioritized during the first year in order to create a reliable national network of EV charging stations. Designations of these AFCs are made through an annual nomination process released through a Request for Nominations.” (FHWA, <a href="#">NEVI Program FAQs</a> ).	Federal Highway Administration <a href="#">Alternative Fuel Corridors</a> (data accessed July 2022)
<b>Alternative Fuel Vehicle (AFV) Group</b>			
CNG Fueling Stations in Maricopa County	Points	Station Name, Address info, Access Type (Public/Private), Access Days/Times, Payment Types, NG Fill Type Code, NG PSI, Date Confirmed, Owner Type Code, Date Opened, NG Vehicle Class, Access Details, Facility Type, CNG Dispenser Number, CNG Total Compression Capacity, CNG Storage Capacity, CNG Fill Type Code, CNG PSI, and CNG Vehicle Class.	U.S. Department of Energy, <a href="#">Alternative Fuels Data Center</a> (data accessed July 2022)
LNG Fueling Stations in Maricopa County	Points	Station Name, Address info, Access Type (Public/Private), Access Days/Times, Payment Types, Date Confirmed, Owner Type Code, Date Opened, NG Vehicle Class, Access Details, Facility Type, and LNG Vehicle Class.	U.S. Department of Energy, <a href="#">Alternative Fuels Data Center</a> (data accessed July 2022)

Data Layer	Scale	Table Fields and Sub-Layers	Data Sources
LPG Fueling Stations in Maricopa County	Points	Station Name, Address info, Access Type (Public/Private), Access Days/Times, Payment Types, Date Confirmed, Owner Type Code, Date Opened, LPG Primary, Access Details, Facility Type, and LPG Nozzle Types.	U.S. Department of Energy, <a href="#">Alternative Fuels Data Center</a> (data accessed July 2022)
<b>Employer Location Group</b>			
Employer Locations	Points	<p>Worksites with more than 50 employees from the Travel Reduction Program (TRP) database. Enrollment in TRP is optional for worksites with less than 50 employees, so these were not included in the dataset.</p> <p>Table Fields:</p> <ul style="list-style-type: none"> <li>• Employer name</li> <li>• Site name</li> <li>• Site address</li> <li>• Employee count</li> <li>• Average employee commute distance</li> <li>• Average employee commute time</li> </ul> <p>Layers in this group:</p> <ul style="list-style-type: none"> <li>• All Employer Locations with Greater Than 50 employees</li> <li>• Employer Locations with 50-99 employees</li> <li>• Employer Locations with 100-199 employees</li> <li>• Employer Locations with 200-299 employees</li> <li>• Employer Locations with &gt;300 employees</li> </ul>	Maricopa County Air Quality Department TRP database (data accessed August 2022)

Data Layer	Scale	Table Fields and Sub-Layers	Data Sources
Average Commute Distance	Points	<p>The average commute distance per worksite for all employees who responded to the annual TRP survey.</p> <p>Layers in this group:</p> <ul style="list-style-type: none"> <li>• Average commute distance Less Than 10 miles</li> <li>• Average commute distance 10 – 20 miles</li> <li>• Average commute distance Greater Than 20 miles</li> </ul>	Maricopa County Air Quality Department TRP database (data accessed August 2022)

Data Layer	Scale	Table Fields and Sub-Layers	Data Sources
<b>Land Use Group</b>			
Land Use Type	Parcels	<p>The parcels in each layer are sorted by their property use code as listed by the Maricopa County Assessor’s Office. The property use codes and descriptions are defined in the Arizona Department of Revenue’s (ADOR) Property Use Code Manual.</p> <p>Layers in this group:</p> <ul style="list-style-type: none"> <li>• Agricultural Parcels</li> <li>• Commercial Parcels</li> <li>• Government Parcels</li> <li>• Industrial Parcels</li> <li>• Limited Use Parcels</li> <li>• Residential Parcels</li> <li>• Utility Parcels (also known as Centrally Valued Properties<sup>1</sup>)</li> <li>• Vacant Parcels</li> </ul> <p><sup>1</sup>According to the ADOR Property Use Code Manual (page 5), Centrally Valued Properties “include airlines (the aircraft only) and airport fuel delivery systems; producing oil and gas interests, gas distribution utilities, gas transmission pipelines, gas and electric utilities and municipal district utilities; producing (and certain nonproducing) mines; railroads and private rail car companies; telecommunication companies; and water and sewer companies.”</p>	<p><a href="#">Assessor’s Parcel Database</a> (Parcel data downloaded on July 22, 2022)</p> <p><a href="#">Arizona Department of Revenue’s (ADOR) Property Use Code Manual</a></p>

Data Layer	Scale	Table Fields and Sub-Layers	Data Sources
<b>High-Density Shopping Group</b>			
Community Shopping Center	Parcels	Description from ADOR Property Use Code Manual: “Provides a wide range of goods in addition to the convenience items. The center may include banking, professional services, and recreational facilities. A junior department store is the principal tenant in this type of center. The real property in the shopping center is usually owned and managed as one unit.”	<a href="#">Maricopa County Assessor’s Parcel Database</a> (Parcel data downloaded on July 22, 2022)  <a href="#">Arizona Department of Revenue’s (ADOR) Property Use Code Manual</a>
Regional Shopping Center	Parcels	Description from ADOR Property Use Code Manual: “Provides variety and depth in "shopping goods" comparable to a central business district. Regional centers include at least one full line department store with a gross leasable area of 100,000 square feet or more. The real property in the shopping center is usually owned and managed as one unit.”	<a href="#">Maricopa County Assessor’s Parcel Database</a> (Parcel data downloaded on July 22, 2022)  <a href="#">Arizona Department of Revenue’s (ADOR) Property Use Code Manual</a>

Data Layer	Scale	Table Fields and Sub-Layers	Data Sources
Super-Regional Shopping Center	Parcels	Description from ADOR Property Use Code Manual: “Similar to a Regional Shopping Center, except it has three or more major full range department stores.”	<a href="#">Maricopa County Assessor’s Parcel Database</a> (Parcel data downloaded on July 22, 2022)  <a href="#">Arizona Department of Revenue’s (ADOR) Property Use Code Manual</a>
Power Center	Parcels	Description from ADOR Property Use Code Manual: “Includes an open-air strip retail configuration (except enclosed mall conversions) containing 250,000 or more square feet of gross leasable area (G.L.A.), including at least four category-specific anchor tenants with 20,000 or more square feet of G.L.A.”	<a href="#">Maricopa County Assessor’s Parcel Database</a> (Parcel data downloaded on July 22, 2022)  <a href="#">Arizona Department of Revenue’s (ADOR) Property Use Code Manual</a>

Data Layer	Scale	Table Fields and Sub-Layers	Data Sources
<b>Multi-Family Housing Group</b>			
Apartments	Parcels	Categories in this layer: <ul style="list-style-type: none"> <li>• Apartment Cooperative</li> <li>• Apartments – 5 to 24 units</li> <li>• Apartments – 25 to 99 units</li> <li>• Apartments – 100 or more units</li> </ul>	<a href="#">Maricopa County Assessor's Parcel Database</a> (Parcel data downloaded on July 22, 2022)
Condos and Townhouses	Parcels	Categories in this layer: <ul style="list-style-type: none"> <li>• Condominiums and Townhouses (property use code 0700)</li> <li>• Townhouses (property use code 8500)</li> </ul>	<a href="#">Maricopa County Assessor's Parcel Database</a> (Parcel data downloaded on July 22, 2022)
Multiplexes	Parcels	Categories in this layer: <ul style="list-style-type: none"> <li>• Boarding House or Rooming House</li> <li>• Duplex</li> <li>• Triplex</li> <li>• Fourplex</li> <li>• Mixed Complex</li> </ul>	<a href="#">Maricopa County Assessor's Parcel Database</a> (Parcel data downloaded on July 22, 2022)

Data Layer	Scale	Table Fields and Sub-Layers	Data Sources
<b>Government Parcels by Owner Type Group</b>			
Government Parcels by Owner Type	Parcels	<p>Table fields include property locations, owner information, zoning information, property use codes, and descriptions.</p> <p>Layers in this group:</p> <ul style="list-style-type: none"> <li>• Government Parcels: Municipal</li> <li>• Government Parcels: County</li> <li>• Government Parcels: State</li> <li>• Government Parcels: Federal</li> <li>• Government Parcels: Tribal</li> </ul>	<p><a href="#">Maricopa County Assessor's Parcel Database</a> (Parcel data downloaded on July 22, 2022)</p>



Data Layer	Scale	Table Fields and Sub-Layers	Data Sources
<b>Municipal Parcels by Land Use Type Group</b>			
Municipal Parcel Land Use Type	Parcels	Municipal parcel’s land use types (based on ADOR Property Use Codes).  Layers in this group: <ul style="list-style-type: none"> <li>• Agricultural</li> <li>• Broadcasting</li> <li>• Commercial</li> <li>• Industrial</li> <li>• Miscellaneous Improved Municipal Land</li> <li>• Parks and Recreational Facilities</li> <li>• Police and Fire Department Facilities</li> <li>• Residential</li> <li>• School</li> <li>• Vacant Land</li> </ul>	<a href="#">Maricopa County Assessor’s Parcel Database</a> (Parcel data downloaded on July 22, 2022)
<b>Municipal Parcels by Owner Group</b>			
Municipal Parcels	Parcels	Parcels are identified by their respective municipal owner. There are 24 sub layers for towns and cities in Maricopa County. Owners were identified from a query of parcels with the government—municipal land use type.	<a href="#">Maricopa County Assessor’s Parcel Database</a> (Parcel data downloaded on July 22, 2022)

Data Layer	Scale	Table Fields and Sub-Layers	Data Sources
<p><b>Population Demographics/Environmental Justice Group</b></p> <ul style="list-style-type: none"> <li>• <b>Bold</b> names note the field that map symbology is based on.</li> <li>• Census data are mainly sourced from the American Community Survey (ACS) five-year estimates. The finest scale for data-availability was chosen (usually the Block Groups scale). Because ACS data are survey estimates, the data include Margin of Error (MoE) statistics. MoE fields were not included in the EV Toolkit layer tables; please see the original ACS table if these details are needed.</li> <li>• Fields that are calculated based on census data are marked as calculated.</li> </ul>			
<p>Justice40 Tracts (May 2022)</p>	<p>Census Tracts</p>	<p>This layer identifies Census Tracts that meet the disadvantaged criteria in one or more of eight categories. See methodology below for definition of disadvantaged criteria.</p> <p><u><a href="#">Climate and Economic Justice Screening Tool Methodology:</a></u> Under the current formula, a census tract will be identified as disadvantaged in one or more categories of criteria:</p> <ul style="list-style-type: none"> <li>• If the tract is above the threshold for one or more environmental or climate indicators</li> <li>• And the tract is above the threshold for the socioeconomic indicators</li> </ul> <p>Communities are identified as disadvantaged by the current version of the tool for the purposes of the Justice40 Initiative if they are located in census tracts that are at or above the combined thresholds in one or more of eight categories of criteria. The eight categories are Climate Change, Clean Energy and Energy Efficiency, Clean Transit, Affordable and Sustainable Housing, Reduction and Remediation of Legacy Pollution, Critical Clean Water and Wastewater Infrastructure, Health Burdens, Training and Workforce Development.</p>	<p><u><a href="#">ESRI Online Data</a></u></p> <p>The ESRI Online Data is from the <u><a href="#">Climate and Economic Justice Screening Tool</a></u></p>

Data Layer	Scale	Table Fields and Sub-Layers	Data Sources
Total Estimated Population	Census Block Groups	Estimate: Total Population	<a href="#">Census Data</a> 2020 ACS five-year Estimate Table B01003: Total Population
Population Density	Census Block Groups	<ul style="list-style-type: none"> <li>• Estimate: Total Population</li> <li>• Area Square Mile (SqMi): The area of each Census Block Group in square miles</li> <li>• <b>Population Density:</b> Population per square mile (Calculated)</li> </ul>	<a href="#">Census Data</a> 2020 ACS five-year Estimate Table B01003: Total Population
Median Household Income	Census Block Groups	Estimate: Median household income in the past 12 months	<a href="#">Census Data</a> 2020 ACS five-year Estimate Table B19013: Median Household Income in the Past 12-Months (in 2021 Inflation-Adjusted Dollars)
Low Income	Census Block Groups	<ul style="list-style-type: none"> <li>• Estimate: Median household income in the past 12 months</li> <li>• <b>Household Income as a percentage of Area Median Income (AMI)</b> (Calculated)</li> </ul> <p>The area median income for Maricopa County in 2020 was \$67,799 per Census ACS Data.</p>	<a href="#">Census Data</a> 2020 ACS five-year Estimate Table B19013: Median Household Income in the Past 12-Months (in 2021 Inflation-Adjusted Dollars)

Data Layer	Scale	Table Fields and Sub-Layers	Data Sources
Household Poverty	Census Block Groups	<ul style="list-style-type: none"> <li>• Total Households (From Census Data)</li> <li>• Households with Income Below Poverty Level (From Census Data)</li> <li>• <b>Percent of Households Below Poverty Level</b> (Calculated)</li> </ul>	<a href="#">Census Data</a> 2020 ACS five-year Estimate Table B17017: Poverty Status in the Past 12 Months by Household Type By Age of Household
Renter Occupied Households	Census Block Groups	<ul style="list-style-type: none"> <li>• Total Households</li> <li>• Owner Occupied</li> <li>• Renter Occupied</li> <li>• <b>Percentage of Renter Occupied</b> (Calculated)</li> </ul>	<a href="#">Census Data</a> 2020 ACS five-year Estimate Table B25003: Tenure
Racial Demographics	Census Block Groups	<ul style="list-style-type: none"> <li>• Estimate: Total Population</li> <li>• Estimate: White Alone</li> <li>• Estimate: Black or African American Alone</li> <li>• Estimate: American Indian and Alaska Native Alone</li> <li>• Estimate: Asian Alone</li> <li>• Estimate: Hawaiian and Other Pacific Islander Alone</li> <li>• Estimate: Some Other Race Alone</li> <li>• Estimate: Two or More Races</li> <li>• Percentage White Alone (Calculated)</li> <li>• <b>Percentage Non-White</b> (Calculated)</li> </ul>	<a href="#">Census Data</a> 2020 ACS five-year Estimate Table B02001: Race
Hispanic or Latino Origin Demographics	Census Block Groups	<ul style="list-style-type: none"> <li>• Estimate: Total Population</li> <li>• Estimate: Not Hispanic or Latino</li> <li>• Estimate: Hispanic or Latino</li> <li>• <b>Percentage Hispanic or Latino</b> (Calculated)</li> </ul>	<a href="#">Census Data</a> 2020 ACS five-year Estimate Table B03003: Hispanic or Latino Origin

Data Layer	Scale	Table Fields and Sub-Layers	Data Sources
Limited English-Speaking Households	Census Block Groups	<ul style="list-style-type: none"> <li>• Estimate: Total Households</li> <li>• Estimate: English-speaking Only</li> <li>• Estimate: Spanish: Total households</li> <li>• Estimate: Spanish: Limited English-speaking household</li> <li>• Estimate: Other Indo-European languages: Total households</li> <li>• Estimate: Other Indo-European languages: Limited English-speaking household</li> <li>• Estimate: Asian and Pacific Island languages: Total households</li> <li>• Estimate: Asian and Pacific Island languages: Limited English-speaking household</li> <li>• Estimate: Other languages: Total households</li> <li>• Estimate: Other languages: Limited English-speaking household</li> <li>• <b>Percentage of Limited-English Speaking Households</b> (Calculated: Ratio of “Limited English-speaking households (sum of all languages)” / “Estimate: Total Households”.)</li> </ul> <p>A limited English-Speaking household is defined as one in which no member 14 years old and over (1) speaks only English or (2) speaks a non-English language and speaks English "very well." In other words, all members 14 years old and over have at least some difficulties with English.</p>	<p><a href="#">Census Data</a>                  2020 ACS five-year Estimate                  Table C16002: Household Language by Household Limited English-Speaking Status</p>

Data Layer	Scale	Table Fields and Sub-Layers	Data Sources
Employment Status	Census Block Groups	<ul style="list-style-type: none"> <li>• Estimate: Total Population</li> <li>• Estimate: In Labor Force</li> <li>• Estimate: In Labor Force—Civilian, Employed</li> <li>• Estimate: In Labor Force—Civilian, Unemployed</li> <li>• Estimate: In Labor Force—Armed Forces</li> <li>• Estimate: Not in Labor Force</li> <li>• Labor Force Participation Rate (Calculated: Ratio of ‘In Labor Force’ / ‘Total Population’)</li> <li>• Employment/Population Ratio (Calculated: Ratio of (‘Civilian, Employed’ + ‘Armed Forces’) / ‘Total Population’)</li> <li>• <b>Unemployment Rate of those in Labor Force</b> (Calculated: Ratio of ‘Civilian, Unemployed’/ ‘In Labor force’)</li> </ul>	<p><a href="#">Census Data</a>                      2020 ACS five-year Estimate                      Table B23025: Employment Status for the Population 16 Years and Over</p>
Disability Status	Census Block Groups	<ul style="list-style-type: none"> <li>• Total population over 18 years old</li> <li>• Population 18-64 years old</li> <li>• Population 65 years old and over</li> <li>• Total population with disability</li> <li>• Population 18-64 with disability</li> <li>• Population 65 and over with disability</li> <li>• <b>Percent of total population with disability</b> (Calculated)</li> <li>• Percent of population 18-64 with disability (Calculated)</li> <li>• Percent of population 65 and over with disability (Calculated)</li> </ul>	<p><a href="#">Census Data</a>                      2020 ACS five-year Estimate                      Table C21007: Age by Veteran Status by Poverty Status in the Past 12 Months by Disability Status for the Civilian Population 18 Years and Over</p>

Data Layer	Scale	Table Fields and Sub-Layers	Data Sources
Commute Time	Census Block Groups	<ul style="list-style-type: none"> <li>• Total population of workers (population) over 16 years old who did not work from home.</li> <li>• Population with commute times of 5 to 9 minutes</li> <li>• Population with commute times of 10 to 14 minutes</li> <li>• Population with commute times of 15 to 19 minutes</li> <li>• Population with commute times of 20 to 24 minutes</li> <li>• Population with commute times of 25 to 29 minutes</li> <li>• Population with commute times of 30 to 34 minutes</li> <li>• Population with commute times of 35 to 39 minutes</li> <li>• Population with commute times of 40 to 44 minutes</li> <li>• Population with commute times of 45 to 59 minutes</li> <li>• Population with commute times of 60 to 89 minutes</li> <li>• Population with commute times &gt;90 minutes</li> <li>• Total Population with commute time &gt;30 minutes (Calculated)</li> <li>• <b>Percentage of population with commute time &gt;30 minutes</b> (Calculated)</li> </ul>	<p><a href="#">Census Data</a>                  2020 ACS five-year Estimate                  Table B08303: Travel Time to Work for Workers 16 Years and Over Who Did Not Work at Home</p>

Data Layer	Scale	Table Fields and Sub-Layers	Data Sources
Energy Burden	Census Tracts and Block Groups	<p>The energy burden is the percentage of household income used for energy costs and is calculated from the average annual housing energy costs divided by the average annual household income. This parameter uses average 2018 household energy costs for Census Tracts in Maricopa County, which was obtained from the Department of Energy’s (DOE) Low-Income Energy Affordability (LEAD) tool. These data were divided by the average 2020 household income for Census Block Groups, which was obtained from the Census’ ACS. Income data were spatially joined to energy data, so each block group utilizes the average costs of the tract in which it resides.</p>	<p>2018 Household Energy Cost from the <a href="#">DOE’s LEAD Tool</a> (Data downloaded September 2022)</p> <p><a href="#">Census Data</a> 2020 ACS five-year Estimate Table B19013: Median Household Income in the Past 12 Months (In 2021 Inflation-Adjusted Dollars)</p>



Data Layer	Scale	Table Fields and Sub-Layers	Data Sources
Transportation Burden	Census Block Groups (2010)	<p>The transportation burden is the percentage of household income used for transportation costs. This parameter uses the 2017 Housing and Transportation Affordability Index (H+T) data (latest available at time of publishing) downloaded from The Center for Neighborhood Technology. H+T data, in turn, uses the 2015 five-year estimates from the Census' ACS as input. Data in the table are based on Census Block Groups (2010 edition) and the Regional Typical Household (the region is Maricopa County for this query).</p> <ul style="list-style-type: none"> <li>• Population: Total Population per Block Group (2015)</li> <li>• Households: Total Households per Block Group (2015)</li> <li>• <b>Transportation Costs:</b> This field reflects the transportation burden, i.e., the percentage of income used for transportation in the typical household.</li> <li>• Autos per Household</li> <li>• Annual Vehicle Miles Traveled (VMT) per household</li> <li>• Transit Commuters Percentage: Transit ridership (percentage of workers for the typical household using transit)</li> <li>• Transportation Costs per Household</li> <li>• Auto Ownership Costs per Household</li> <li>• VMT Costs per Household</li> <li>• Transit Costs per Household</li> <li>• Transit Trips per Household</li> <li>• Housing Costs</li> <li>• Median Owner Costs</li> <li>• Median Rent (Gross Monthly)</li> <li>• Percent Owner Occupied</li> <li>• Percent Renter Occupied</li> </ul>	<p><a href="#">The Center for Neighborhood Technology Housing and Transportation Affordability Index, 2017</a> (Data downloaded September 2022)</p> <p>Census Block Groups are the 2010 edition to match with 2015 ACS data.</p>

Data Layer	Scale	Table Fields and Sub-Layers	Data Sources
No Vehicle	Census Tracts	<p>This layer gives estimates of the percentage of households, per Census Tract, that do not have a vehicle available.</p> <p>Table fields include:</p> <ul style="list-style-type: none"> <li>• Total Population Estimate per Census Tract</li> <li>• Total Households Estimate per Census Tract</li> <li>• Total No Vehicle Estimate: Households with no vehicle available</li> <li>• Total No Vehicle MOE: Margin of error for previous field</li> <li>• <b>Percentage No Vehicle Estimate: Percentage of households with no vehicle available</b></li> <li>• Percentage No Vehicle MOE: Margin of error for previous field</li> <li>• Percentile No Vehicle Estimate: Percentile of the percentage of households with no vehicle available</li> </ul>	<p><a href="#">Center for Disease Control Social Vulnerability Index (SVI)</a> (Data downloaded October 2022)</p> <p>The SVI methods utilize Census Tract data from the 2014-2018 American Community Survey</p>
Bus and Light Rail Stops	Points	<p>This layer displays Valley Metro Light Rail and Bus stations and stops, respectively. Table fields include location info, NextRide ID, Valley Metro station and stop IDs, and bus stop information.</p>	<p>Maricopa County GIS Database</p> <p>(Data downloaded September 2022)</p>

Data Layer	Scale	Table Fields and Sub-Layers	Data Sources																												
Public Transit Proximity	Grid (.10-Mile cells)	<p>The Public Transit Proximity layer is meant to identify heavily populated areas more than ¼-mile from a public transit stop (Valley Metro bus and light rail stops). The map was created originally in raster form with a grid of .10-mile cells. A suitability model created a score for each cell based upon the distance to the nearest public bus or light stop; the score is weight-averaged with the population density of each cell. Distances less than .25-mile or greater than 10-miles from the nearest transit stop are not scored.</p> <p>The suitability model uses the following scoring systems. The final weighted spatially averaged score gives 80% weight to population density.</p> <table border="1" data-bbox="611 773 1241 997"> <thead> <tr> <th>Score</th> <th>Distance to Nearest Transit Stop</th> </tr> </thead> <tbody> <tr> <td>Excluded</td> <td>&lt;.25 mile</td> </tr> <tr> <td>1</td> <td>.25 mile – .5 mile</td> </tr> <tr> <td>2</td> <td>.5 mile – 1 mile</td> </tr> <tr> <td>3</td> <td>1 mile – 10 miles</td> </tr> <tr> <td>Excluded</td> <td>&gt;10 miles</td> </tr> </tbody> </table> <table border="1" data-bbox="611 1032 1409 1328"> <thead> <tr> <th>Score</th> <th>Population Density (People per Square Mile)</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>0 – 627</td> </tr> <tr> <td>2</td> <td>627 – 2,105</td> </tr> <tr> <td>3</td> <td>2,105 – 4,136</td> </tr> <tr> <td>4</td> <td>4,136 – 6,858</td> </tr> <tr> <td>5</td> <td>6,858 – 10,771</td> </tr> <tr> <td>6</td> <td>10,771 – 18,008</td> </tr> <tr> <td>7</td> <td>18,008 – 50,609</td> </tr> </tbody> </table>	Score	Distance to Nearest Transit Stop	Excluded	<.25 mile	1	.25 mile – .5 mile	2	.5 mile – 1 mile	3	1 mile – 10 miles	Excluded	>10 miles	Score	Population Density (People per Square Mile)	1	0 – 627	2	627 – 2,105	3	2,105 – 4,136	4	4,136 – 6,858	5	6,858 – 10,771	6	10,771 – 18,008	7	18,008 – 50,609	<p>Valley Metro bus and light rail stop data obtained from the Maricopa County GIS database. (Data downloaded September 2022)</p> <p>Population Density data were obtained from the Population Density per Census Block Group layer in this project. The layer was converted into a raster grid with .10-mile cells before being entered into the suitability model.</p>
Score	Distance to Nearest Transit Stop																														
Excluded	<.25 mile																														
1	.25 mile – .5 mile																														
2	.5 mile – 1 mile																														
3	1 mile – 10 miles																														
Excluded	>10 miles																														
Score	Population Density (People per Square Mile)																														
1	0 – 627																														
2	627 – 2,105																														
3	2,105 – 4,136																														
4	4,136 – 6,858																														
5	6,858 – 10,771																														
6	10,771 – 18,008																														
7	18,008 – 50,609																														

Data Layer	Scale	Table Fields and Sub-Layers	Data Sources
<b>Environmental Group</b>			
Ozone	Census Block Groups	<p>This layer displays the 2021 May - September (summer ozone season) average of daily maximum 8-hour average ozone concentrations in parts per billion (ppb).</p> <ul style="list-style-type: none"> <li>• <b>Ozone Concentrations</b> - Data from EJSCREEN are estimated by EPA’s Office of Research and Development (ORD) from a combination of monitoring data and CMAQ air quality modeling. Data are presented for each Census Block Group.</li> <li>• Ozone Percentile. Block Group percentiles are based upon a national dataset.</li> <li>• Ozone Description. This field contains map labels describing ozone concentrations and percentiles together.</li> </ul>	<p><a href="#">EPA’s Environmental Justice Screening and Mapping Tool (EJSCREEN)</a></p> <p><a href="#">Data were downloaded from the EJScreen Indexes 2021 Public Release</a> (Data downloaded October 2022)</p>
PM <sub>2.5</sub>	Census Block Groups	<p>This layer displays Particulate Matter less than 2.5 microns in diameter (PM<sub>2.5</sub>) annual averages, in micrograms per cubic meter (µg/m<sup>3</sup>), for each Census Block Group.</p> <ul style="list-style-type: none"> <li>• <b>PM<sub>2.5</sub> Concentrations</b> – Data from EJSCREEN are estimated from a combination of monitoring data and air quality modeling. Ambient PM<sub>2.5</sub> concentration is estimated by EPA’s ORD using a Bayesian space–time downscaling fusion model approach.</li> <li>• PM<sub>2.5</sub> Percentile. Block Group percentiles are based upon the national dataset.</li> <li>• PM<sub>2.5</sub> Descriptions. This field contains map labels describing PM<sub>2.5</sub> concentrations and percentiles together.</li> </ul>	<p><a href="#">EPA’s Environmental Justice Screening and Mapping Tool (EJSCREEN)</a></p> <p><a href="#">Data were downloaded from the EJScreen Indexes 2021 Public Release</a> (Data downloaded October 2022)</p>

Data Layer	Scale	Table Fields and Sub-Layers	Data Sources
Traffic Proximity	Census Block Groups	<p>This layer displays the count of vehicles per day within 500 meters of a block centroid, divided by distance in meters, presented as the population-weighted average of blocks in each block group. Adjustments are made so that the minimum distance used is reasonable when very small.</p> <ul style="list-style-type: none"> <li>• <b>Traffic Proximity.</b> Measures of traffic proximity in EJSCREEN are based on average annual daily traffic estimates in the Highway Performance Monitoring System (HPMS) dataset in the Department of Transportation (DOT) National Transportation Atlas Database. The HPMS highway data is maintained by states and compiled by DOT. Units are daily vehicles/meters distance.</li> <li>• <b>Traffic Percentile.</b> Block Group percentiles are based upon the national dataset.</li> <li>• <b>Traffic Proximity Descriptions.</b> This field contains map labels describing traffic proximity values and percentiles together.</li> </ul>	<p><a href="#">EPA’s Environmental Justice Screening and Mapping Tool (EJSCREEN)</a></p> <p><a href="#">Data were downloaded from the EJScreen Indexes 2021 Public Release</a> (Data downloaded October 2022)</p>