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Office of Civil Rights
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CITY OF PHOENIX 2024 TITLE VI PROGRAM UPDATE

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CHAPTER 1 INTRODUCTION

SECTION 1.1 INTRODUCTION

According to Section 601 of Title VI of the Civil Rights Act of 1964:

“No person in the United States shall, on the grounds of race, color, or national origin, be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any program or activity receiving federal financial assistance.”

The Civil Rights Restoration Act of 1987 clarified the broad, institution-wide application of Title VI. Title VI covers all the operations of covered entities, regardless of whether specific portions of the covered program or activities receive Federal funding. The term “program or activity” refers to all operations of a department, agency, special purpose district, or government; or government entity that distributes assistance, and each such department or agency to which the assistance is extended, in the case of assistance to a State or local government (FTA C 4702.1B, Chap. II-1). The Federal Transit Administration (FTA), from which the City of Phoenix receives Federal funds, is required to fulfill the US Department of Transportation’s (USDOT) Title VI regulations (49 CFR part 21).

The City of Phoenix is required to adopt a Title VI Program to ensure compliance with the requirements of Title VI. This document adheres to the guidelines and requirements outlined in FTA’s Title VI Circular (FTA C 4702.1B).

SECTION 1.2 HISTORY OF PUBLIC TRANSIT IN PHOENIX

The City of Phoenix was incorporated on February 25, 1881. From 1887 to 1971, public transportation in Phoenix was operated by the City and a small variety of entrepreneurs. The City maintained ownership of the bus system from 1925 through 1959. Transit modes employed during this period included horse-drawn and electrically driven tracked trolleys and buses. However, a trolley barn fire in 1947 marked the end of rail service in Phoenix, leading to a complete transition to bus-based public transit.

In 1959, Tanner Bus Lines purchased the transit system from the City and operated it until 1966, when the American Transit Corporation (ATC), a St. Louis company, acquired the 109-bus system and rebranded it as the Phoenix Transit System.

By 1970, due to the lack of profitability, ATC petitioned the Arizona Corporation Commission to discontinue service in the Phoenix area by February 1971. The Commission, however, ordered the bus company to continue service until at least March 1, 1971.

On February 23, 1971, Phoenix agreed to subsidize ATC and pay a management fee to ensure the continued operation of the bus system. This management-style contract for operating transit service remained in place until 2010, when Phoenix transitioned to a cost-per-mile contract.

The City of Phoenix Public Transit Administration was established in 1972 as a function of the City Manager's Office.

In 1985, Maricopa County voters approved Proposition 300, which increased sales tax to fund regional freeway improvements and create the Regional Public Transportation Authority (RPTA). The proposition established a one-half cent sales tax to fund freeway construction with a portion, or \$5 million per year (adjusted annually for inflation), allocated as seed money for regional transit service expansion. The RPTA began expanding bus service in 1986, introducing express service from the east and west valleys, expanding local service, and launching an initial dial-a-ride service in the east valley.

In 1993, the RPTA Board of Directors adopted the name Valley Metro for the regional transit system. Today, all public transit services in the Phoenix region, including those operated by the City of Phoenix Public Transit Department, operate under the Valley Metro identity.

Public Transit services in the region today are funded through a combination of local, regional, and federal funds. Various cities in the Phoenix metropolitan area, including Phoenix, have sales taxes that are either partially or fully dedicated to transit.

In 2000, Phoenix residents passed a four-tenths of a percent sales tax (T2000) to improve local bus service, commuter routes, light rail, neighborhood circulators, and more. T2000 was set to expire in 2020. In 2015, Phoenix voters approved a seven-tenths cent sales tax increase (T2050) to replace the T2000 tax. This tax is dedicated to funding bus and light rail expansions in Phoenix, as well as street improvements. The Transportation 2050 (T2050) plan places additional emphasis on street needs, including street maintenance, new pavement, bike lanes, sidewalks, and ADA accessibility.

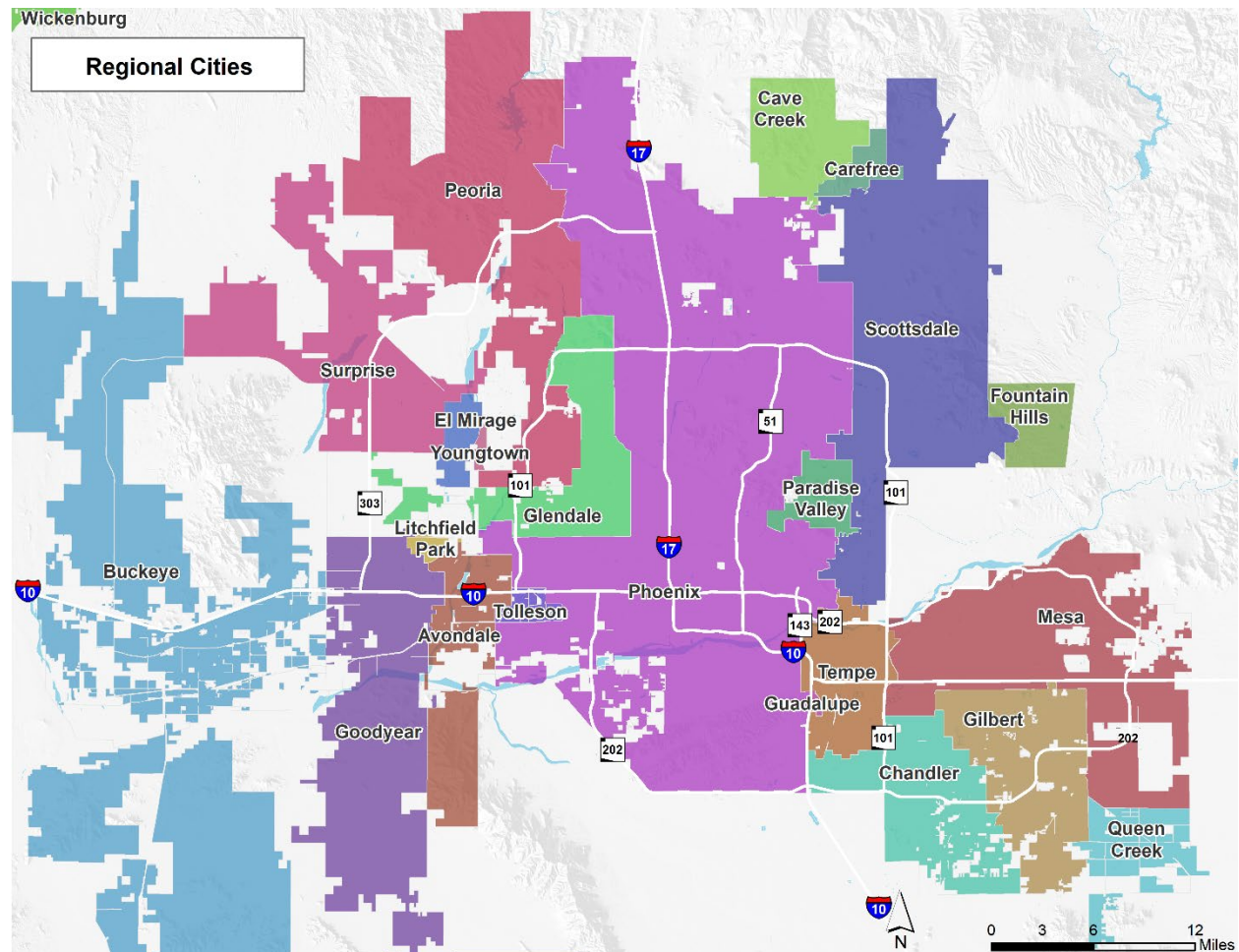
SECTION 1.3 CITY OF PHOENIX PUBLIC TRANSIT AND VALLEY METRO

The Phoenix Public Transit Department is a member of a 19-agency regional transit system operating under the name Valley Metro.

In 1993, the Regional Public Transit Authority board adopted the name Valley Metro to represent the transit system in the Phoenix metropolitan area. Under the Valley Metro brand, local governments collaborated to fund the Valley-wide transit system that serves the public today.

Valley Metro Board member agencies include Avondale, Buckeye, Chandler, El Mirage, Fountain Hills, Gilbert, Glendale, Goodyear, Maricopa County, Mesa, Peoria, Phoenix, Queen Creek, Scottsdale, Surprise, Tempe, Tolleson, Wickenburg and Youngtown. This partnership ensures a cohesive and comprehensive transit network across the region.

MAP 1: PHOENIX METROPOLITAN AREA



The City of Phoenix is the primary recipient of federal funding for public transit in the region. As such, it is responsible for overseeing Valley Metro (RPTA), Valley Metro Rail (VMR), and all Valley Metro members who receive federal funding for public transit. Additionally, Phoenix oversees federal 5310 grant funding recipients, which supports transportation services for seniors and people with disabilities.

With an annual operating budget of \$335 million and an administrative staff of 127 positions, the Phoenix Public Transit Department oversees and monitors two fixed-route operating contracts with Transdev, which provides fixed-route transit services to Phoenix and neighboring cities. Additionally, the department oversees a contract with MV Transportation, which provides paratransit services within the City of Phoenix. The department also provides oversight for the entire system's service providers operating under the Valley Metro brand.

TABLE 1: OPERATING BUDGET IN MILLIONS AND POSITIONS HELD ANNUALLY

	2021-2022	2022-2023	2023-2024
Operating Expense	\$277,013,781	\$293,260,282	334,840,200
Total Positions	121	127	127

SECTION 1.4 FIXED ROUTE SERVICES PROVIDED IN THE REGION

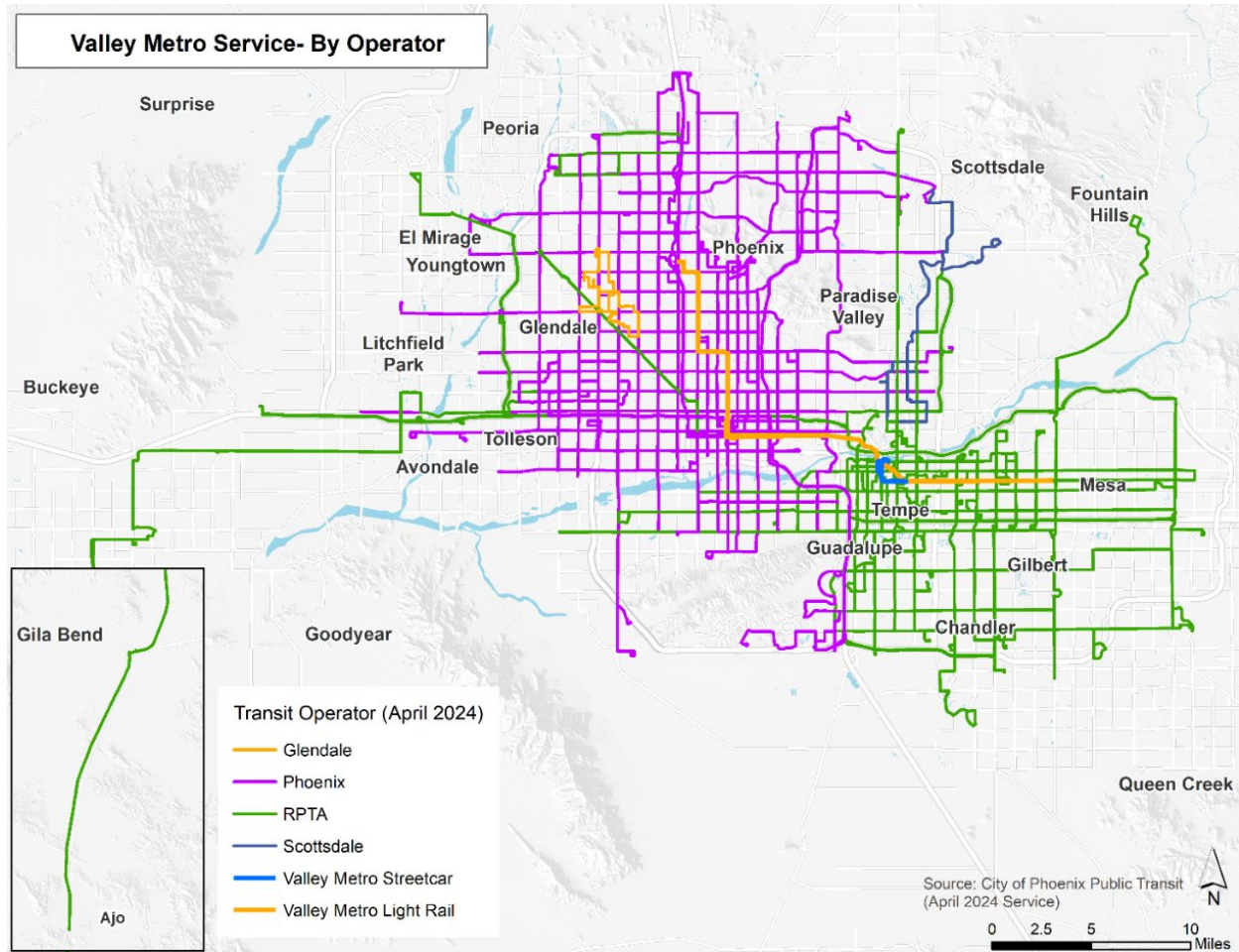
As of April 2024, four different agencies either directly operate or contract bus service under the Valley Metro brand.

- **The City of Glendale** directly operates 3 circulator routes within its city boundaries.
- **The City of Scottsdale** contracts with RTW Management to operate 3 circulator routes within its city limits.
- **The Regional Public Transportation Authority (RPTA)** contracts with Keolis and Total Transit to operate 45 routes across the valley.
- **The City of Phoenix Public Transit Department** contracts with Transdev to operate 49 routes, servicing Phoenix and the surrounding cities in the region.

Overall, the four agencies provide a comprehensive array of transit services in the region, including 60 local routes, 19 commuter express routes, one limited stop peak route, one rural route, 19 Circulator routes, one light rail line, and one Streetcar line.

The City of Phoenix manages over 62 percent of the region’s bus service. Phoenix operates 39 local routes, 6 commuter express routes (RAPID), and 4 circulators. With a transportation fleet of 516 buses, these routes deliver 21.2 million revenue miles of transit service within Phoenix and its neighboring cities.

MAP 2: FIXED-ROUTE SERVICE BY OPERATOR (REVENUE MILES BASED)



SECTION 1.5 LIGHT RAIL SERVICES PROVIDED IN THE REGION

Valley Metro Rail (VMR) contracts with Alternate Concept International (ACI) to operate the region's – light rail system. The system connects Phoenix, Tempe, and Mesa, providing seamless transit across the region. Valley Metro Rail operates 365 days a year, for over 20 hours each day.

SECTION 1.6 TEMPE STREETCAR SERVICES PROVIDED IN THE REGION

The Tempe Streetcar is the first modern streetcar line in the Valley. It serves one of the highest transit ridership centers in the region and connects riders to neighborhoods, major business centers, and regional events and destinations. The Streetcar travels on Mill and Ash Avenues from Rio Salado Parkway and Marina Heights to Dorsey Lane and Apache Boulevard and differs from light rail in that it shares the roadway with vehicle traffic. Streetcar vehicles are smaller than Light Rail trains and have capacity for 125 people, and travel as a single car. Streetcars arrive at stops every 15-20 minutes.

SECTION 1.7 OTHER TRANSIT SERVICES PROVIDED IN THE REGION

Paratransit

Four of the member cities branded as Valley Metro have coordinated and independently operates ADA Paratransit service. At a minimum, ADA Paratransit service is provided in all areas that are $\frac{3}{4}$ of a mile from local fixed-route bus service or light rail. These services provide regional trips throughout the Valley and local trips in the East Valley, designed to be comparable to fixed-route services. They are specifically for eligible individuals whose disabilities prevent them from using Valley Metro RPTA's fixed route or light rail services.

The Four different agencies that operate or contract out paratransit services under the Valley Metro brand, include:

- **The City of Phoenix** contracts with MV Transportation to provide paratransit trips within the city boundaries.
- **The City of Glendale** provides paratransit service within its city boundaries.
- **The City of Peoria** provides paratransit service within its city boundaries.
- **The Regional Public Transportation Authority (RPTA)** contracts with Total Transit to provide all other regional paratransit trips anywhere within $\frac{3}{4}$ of a mile from fixed-route bus service and light rail stations.

Vanpool Program

Vanpool is a Transportation Demand Management program designed to reduce traffic congestion in the region by providing commuters with alternatives to driving alone. A vanpool consists of a group of 6 to 15 people who commute to work together in a Valley Metro van. Each vanpool requires a primary and an alternate driver. Riders share the cost of operating the van by paying a monthly fare that covers insurance, maintenance, and roadside assistance. Valley Metro Vanpool helps people connect and share rides, join a vanpool, telecommute when possible, or even bicycle to work, offering flexible and eco-friendly commuting options.

CHAPTER 2: GENERAL REQUIREMENTS

SECTION 2.1 TITLE VI POLICY STATEMENT



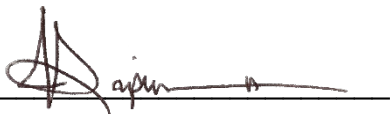
City of Phoenix
PUBLIC TRANSIT DEPARTMENT

Title VI Policy Statement

The following policy statement supports the implementation of these activities:

The City of Phoenix Public Transit Department is committed to ensuring that no person is discriminated against on the grounds of color, race, or national origin as provided by Title VI of the Civil Rights Act of 1964 and related legislation. Specifically, Title VI asserts that, "No person in the United States shall, on the grounds of race, color, or national origin, be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any program or activity receiving federal financial assistance."

The City of Phoenix Public Transit Department strives to ensure nondiscrimination in all its programs and activities, whether those programs and activities are federally funded or not. As a primary recipient of federal funding, the City of Phoenix Public Transit Department is responsible for initiating and monitoring Title VI activities, preparing required reports, and other responsibilities as required by the U.S. Department of Justice under 28 Code of Federal Regulations (CFR) § 42.401 *et seq.* and 28 CFR § 50.3. The U.S. Department of Transportation Title VI implementing regulations can be found at 49 CFR part 21.



Jesús Sapien

Public Transit Director

4/8/24

Date

SECTION 2.2 TITLE VI NOTICE TO THE PUBLIC

The following notice is posted on the City of Phoenix Public Transit Department website at: <https://phoenix.gov/publictransit/title-vi-notice>. Additionally, notices are posted in all transit vehicles (including fixed-route buses, express buses, light rail trains, dial-a-ride, and circulators), as well as transit centers, and administrative offices. Table 2 lists the specific locations where these postings are displayed.

The Civil Rights Public Notice has been translated into Spanish, as identified in the City of Phoenix's Language Assistance Plan. The Civil Rights Policy on the City of Phoenix's website has also been translated into Spanish using a Microsoft Translate Web Widget. This widget allows the website to be translated into multiple languages.

Requesting Information

To request information about the City of Phoenix or Valley Metro Title VI Policy, or to request information in alternative formats or languages, please contact Customer Service at csr@valleymetro.org or phone: (602) 253-5000, TTY: (602) 251-2039.

FIGURE 1: TITLE VI NOTICE TO THE PUBLIC (ENGLISH)



Interior vehicle notice (English)

FIGURE 2: TITLE VI NOTICE TO THE PUBLIC (SPANISH)

The graphic features a dark blue background with a large, faint circular pattern. On the right side, there is a prominent yellow circle containing a black lowercase letter 'i', representing an information icon. The text is in white, and the bottom of the graphic has a solid yellow horizontal band containing the logos for the City of Phoenix and Valley Metro.

Conozca Sus Derechos

La Ciudad de Phoenix, Valley Metro y las ciudades locales proveen sus servicios y programas sin considerar raza, color y origen nacional en conformidad con el Título VI del Decreto de los Derechos Civiles.

Ambas agencias están comprometidas a no discriminar en sus prácticas y cualquier persona que crea que ha sido agraviada por cualquier práctica discriminatoria ilegal bajo el Título VI puede registrar una queja.

Para más información sobre los programas de los derechos civiles y cómo registrar una queja, comuníquese con el Servicio al Cliente de Valley Metro al 602.253.5000 ó por correo electrónico a csr@valleymetro.org; o visite www.phoenix.gov/publictransit ó la oficina en 302 N. 1st Avenue, Phoenix, AZ 85003.



Interior vehicle notice (Spanish)

TABLE 2: PUBLIC TRANSIT FACILITY LOCATIONS

Facility	Zip Code	Facility Type		Year Built	Site Size (acre)	Building (sq. ft.)
		Admin Office	Transit Center			
19 th Ave/Montebello Transit Center** 1825 W. Montebello Ave.	85015		X	2008	10.19	334
302 Building (PTD Headquarters) 302 N. First Avenue	85003	X		1989	30,100 SF	107,318
Central Station Customer Service Center* 300 N. Central Avenue	85003		X	1997	2.6	2,700
Desert Sky Mall Transit Center** 7887 W. Thomas Road	85033		X	2015	4.06	1,624
Ed Pastor Transit Center 10 W. Broadway	85041		X	2003	4.4	4,200
Paradise Valley Mall Transit Center** 4623 E. Paradise Valley Pkwy N	85032		X	1990	1.0	153
Sunnyslope Transit Center 8927 N. Third Street	85020		X	1989	1.8	226
Thelda Williams Transit Center** 9804 N. Metro Pkwy E.	85051		X	2024	2.04	334

*Central Station is being redeveloped, customers are temporarily being served at PTD Headquarters.

**Transit Center does not have a public customer service counter at this location.

SECTION 2.3 TITLE VI COMPLAINT PROCEDURES

Title VI Complaint Procedures

What is Title VI?

Title VI is a section of the Civil Rights Act of 1964 which requires that “no person in the United States shall, on the grounds of race, color or national origin, be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any program or activity receiving federal financial assistance.”

How do I file a complaint?

Any person who believes that he or she has been excluded from participation in, been denied the benefits of, or otherwise subjected to unlawful discrimination under any Valley Metro or City of Phoenix service, program or activity, and believes the discrimination is based upon race, color or national origin, may file a formal complaint with Valley Metro Customer Service or directly with the City of Phoenix. This antidiscrimination protection also extends to the activities and programs of Valley Metro’s and City of Phoenix’s third-party Transit Service Provider (TSP) contractors. Valley Metro and the City of Phoenix use the Customer Assistance System (CAS) to capture all complaints received for the regional transit system. Any such complaint must be filed within 180 days of the alleged discriminatory act (or latest occurrence).

To submit a complaint online, complete the online complaint form at the following link: www.valleymetro.org/form/title-vi-complaint-form

Complaints can also be submitted in writing using the Title VI complaint form, or by calling Customer Service at (602) 253-5000, TTY: (602) 251-2039. Completed and signed forms should be mailed to:

Regional Public Transportation Authority
4600 East Washington Street, Suite 101
Phoenix, AZ 85034
Email: csr@valleymetro.org
Phone: (602) 253-5000
TTY: (602) 251-2039

The complaint form is located on our website:
<https://www.valleymetro.org/about/civil-rights>

To file a complaint directly with the City of Phoenix:

Attention: Title VI Coordinator
City of Phoenix Public Transit Department
302 N. 1st Avenue, Suite 900
Phoenix, AZ 85003
Email: PHXTransitEO@phoenix.gov
Phones: (602) 262-7242
<https://www.phoenix.gov/publictransit/title-vi-notice>

SECTION 2.3 TITLE VI COMPLAINT PROCEDURES

Individuals may also file complaints directly with the Federal Transit Administration (FTA) within the 180-day timeframe:

Federal Transit Administration (FTA)
Attention: Title VI Coordinator
East Building, 5th Floor –TCR
1200 New Jersey Avenue, SE
Washington, D.C. 20590

Customer Service

Complaints received by Valley Metro Customer Service representatives or by the City of Phoenix Title VI Coordinator will be documented and assigned to the appropriate Transit Service Provider (TSP) (operator or administrator of the service) responsible for investigation in accordance with federal standards (28 CFR Part 35 and FTA Circular 4702.1B). The TSP has 30 days to investigate each complaint. If more information is needed to resolve the case, the TSP may contact the complainant and request additional information. Complainants must provide additional information within 10 days of the request or the complaint may be deemed undeterminable and will be administratively closed. Cases may also be administratively closed if a complainant informs Valley Metro or the City of Phoenix that they no longer wish to pursue the complaint. Requests to close a complaint can be requested by phone, email or in writing (see contact information above). Complaints may be administratively closed for non-responsiveness by the complainant.

Following the investigation, all complaints shall be concluded with a determination entered in the CAS system. The determination entry shall state the investigation determined the complaint was valid¹, invalid², or undeterminable³. If the investigation determines the alleged Title VI complaint violations of race, color or national origin discrimination are valid, a detailed corrective resolution to remedy the situation shall be provided to the complainant. If the investigation results determine there was no alleged Title VI discrimination based on race, color or national origin, the case will be closed. The complainant shall be notified of the investigation results in the manner identified (email or phone). A complainant can appeal the decision within 60 days of notification of the investigation results. Appeals must be submitted to Valley Metro or the City of Phoenix.

All Title VI complaints and investigations are reviewed by Valley Metro, the Customer Service Administrator (CSA), and City of Phoenix staff.

For more information on Valley Metro's Title VI Program and procedures by which to file a complaint, contact the Title VI Coordinator at (602) 322-4514.

For more information on the City of Phoenix's Civil Rights Program and the procedures by which to file a complaint, contact the Title VI Coordinator at (602) 262-7242.

¹ Valid: fact based, binding, acceptable, enforceable

² Invalid: null and void, unacceptable, unenforceable

³ Undeterminable: incapable of being decided, settled, or fixed; not determinable

SECTION 2.3 TITLE VI COMPLAINT PROCEDURES

Requesting Information

Note: To request information in alternative formats, please contact Customer Service at csr@valleymetro.org or phone: (602) 253-5000 or City of Phoenix (602) 262-7242, TTY: (602) 251-2039

Tracking a Title VI Complaint

As complaints are received, they are logged into the CAS system. Within 24 to 48 hours of logging the complaint, Valley Metro CSA assigns the complaint to the appropriate TSP for investigation and documentation.

The TSP has 30 days to complete their investigation, including obtaining additional information needed from the complainant to investigate or to resolve the case. The investigator will follow the complaint process, and once the investigation is concluded, the case resolution will be documented in the CAS.

The CAS system is programmed to notify the CSA if a complaint has not been responded to within the required time frame. Upon system notification, the CSA will send out a reminder notice to the appropriate TSP that the case is not yet resolved or closed out.

Once the case has been resolved the complainant will receive a response in the manner identified.

Valley Metro and the City of Phoenix monitors the process monthly to ensure Title VI complaints are fully investigated, adequately documented, and that the complainant was responded to in the manner requested. Should an inaccuracy be found, Valley Metro and/or the City of Phoenix will work with CSA and the appropriate TSP to reopen the complaint for further investigation until resolution or completion.

Investigating a Title VI Complaint

Each documented Title VI investigative report must address each of the “Five Federal Investigative” steps found in 28 CFR, Part 35 and FTA Circular 4702.IA. The seven steps are:

STEP ONE: The TSP will review the complaint information entered into CAS by Valley Metro Customer Service staff. Any new issues identified during the investigation should also be documented in CAS.

STEP TWO: Interviews and collections of facts.

- TSP identifies respondents to interview, if needed.
- TSP interviews respondents identified and documents details from the interviews in CAS.
- Investigate every “issue” (stated in the “statement of issues noted in step one).
- Separate facts from opinions.

“Respondent” is not confined to the transit vehicle operator. “Respondent” is defined as *any* source of information that can contribute to the investigation, such as:

- Complainant
- Operator

SECTION 2.3 TITLE VI COMPLAINT PROCEDURES

- Radio/Dispatch/OCC reports
- Maintenance staff
- City Transit staff
- Witnesses
- Other transit employees

The TSP identified, collects, and reviews other information and/or documents that provide facts for the investigation. Any applicable information is to be documented in CAS. Documents to review can include:

- GPS tracking software and programs
- Maintenance records
- Spotter reports
- Video (camera) and/or audio recordings
- Courtesy cards
- Incident reports (supervisor, transit police, fare/security inspectors)
- Route history
- Other documents deemed appropriate by the TSP

STEP THREE: TSP documents pertinent regulations, rules, policies, and procedures that apply to the investigation in CAS under the case number assigned.

Pertinent regulations, rules, policies, and procedures may include:

- Title VI requirements
- Company rules and procedures
- Valley Metro and City of Phoenix policies and service standards
- Contractual requirements

STEP FOUR: Complaint Determination.

- TSP compares each fact from “findings of fact” to the list of regulations, rules, etc.
- TSP makes a fact-based determination of alleged violation(s).

STEP FIVE: Description of resolution for each valid violation.

- TSP describes specific corrective actions for *each* violation found
- TSP documents follow-up action, if applicable
- TSP documents the complaint resolution in CAS

TSP Complaint Resolution(s):

- Must include specific complaint resolutions for each valid violation noted.
- Document a follow-up action plan, where applicable.
- If no valid violations are found, note policies, procedures, etc. reviewed during the investigation and with transit operator.
- Documented complaint information should always include staff initials, title, and dates.

Response to Customer

TSP will respond to the Customer in the manner identified and will document the response provided in CAS under the case number assigned.

SECTION 2.3 TITLE VI COMPLAINT PROCEDURES SPANISH

Procedimientos de Quejas del Título VI

¿Qué es el Título VI?

El Título VI es una sección del Decreto de los Derechos Civiles de 1964 que requiere que “ninguna persona en los Estados Unidos deberá, basándose en su raza, color u origen nacional, ser excluida de participar en, ser denegada de los beneficios de, o verse sujeta a discriminación bajo cualquier programa o actividad recibiendo asistencia financiera federal.”

¿Cómo registro una queja?

Cualquier persona que crea que ha sido excluida de la participación en, se le hayan denegado los beneficios de, o de otra manera se haya visto sujeta a discriminación ilegal bajo cualquier servicio, programa o actividad de Valley Metro o de la Ciudad de Phoenix, y crea que la discriminación se basa en raza, color u origen nacional, puede registrar una queja formal con el Servicio al Cliente de Valley Metro o directamente con la Ciudad de Phoenix. Esta protección antidiscriminatoria también se extiende a las actividades y los programas de los contratistas terceros Proveedores de Servicios de Transporte (TSP por sus siglas en inglés) de Valley Metro y la Ciudad de Phoenix. Valley Metro y la Ciudad de Phoenix usan el Sistema de Asistencia al Cliente (CAS por sus siglas en inglés) para capturar todas las quejas recibidas por el sistema regional de transporte. Cualquier queja de este tipo debe registrarse dentro de los 180 días del presunto acto discriminatorio (o de la última vez que haya ocurrido).

Para enviar una queja en línea, llene la forma de quejas en línea en el siguiente enlace: www.valleymetro.org/form/title-vi-complaint-form

Las quejas también se pueden registrar por escrito usando la forma de quejas del Título VI, ó llamando a Servicio al Cliente al (602) 253-5000, TTY: (602) 251-2039. Las formas llenas y firmadas se deben enviar por correo postal a:

Regional Public Transportation Authority
4600 East Washington Street, Suite 101
Phoenix, AZ 85034
Correo electrónico: csr@valleymetro.org
Teléfono: (602) 253-5000
TTY: (602) 251-2039

La forma de la queja se encuentra en nuestro sitio web:
<https://www.valleymetro.org/about/civil-rights>

Para registrar una queja directamente con la Ciudad de Phoenix:

Attention: Title VI Coordinator
City of Phoenix Public Transit Department
302 N. 1st Avenue, Suite 900
Phoenix, AZ 85003

SECTION 2.3 TITLE VI COMPLAINT PROCEDURES SPANISH

Correo electrónico: PHXTransitEO@phoenix.gov

Teléfono: (602) 262-7242

<https://www.phoenix.gov/publictransit/title-vi-notice>

Los individuos también pueden registrar quejas directamente con la Administración Federal de Transporte (FTA por sus siglas en inglés) dentro de un período de tiempo de 180 días:

Federal Transit Administration (FTA)

Attention: Title VI Coordinator

East Building, 5th Floor –TCR

1200 New Jersey Avenue, SE

Washington, D.C. 20590

Servicio al Cliente

Las quejas recibidas por los representantes de Servicio al Cliente de Valley Metro o por el Coordinador del Título VI de la Ciudad de Phoenix serán documentadas y asignadas al Proveedor de Servicios de Transporte (TSP por sus siglas en inglés) (operador o administrador del servicio) apropiado responsable de la investigación en conformidad con los estándares federales (28 CFR Parte 35 y Circular 4702.1B de la administración FTA). El proveedor TSP tiene 30 días para investigar cada queja. Si se necesita más información para resolver el caso, el proveedor TSP puede ponerse en contacto con el/la reclamante y solicitar información adicional. Los reclamantes deben proporcionar la información adicional dentro de los 10 días posteriores a la solicitud o la queja puede considerarse indeterminable y se cerrará administrativamente. Los casos también se pueden cerrar administrativamente si un/a reclamante informa a Valley Metro o a la Ciudad de Phoenix que ya no desea continuar con la queja. Las solicitudes para cerrar una queja se pueden hacer por teléfono, por correo electrónico o por escrito (vea arriba la información de contacto). Las quejas se pueden cerrar administrativamente si el/la reclamante falle en responder.

Después de la investigación, todas las quejas deberán ser concluidas con una determinación ingresada al sistema CAS. La entrada de la determinación deberá indicar que la investigación determinó que la queja era válida¹, inválida² ó indeterminable³. Si la investigación determina que las presuntas infracciones de la queja bajo el Título VI de discriminación por raza, color u origen nacional son válidas, se deberá proveer al/la reclamante una resolución correctiva detallada para remediar la situación. Si los resultados de la investigación determinan que no hubo una presunta discriminación bajo el Título VI basada en raza, color u origen nacional, el caso se cerrará. El/la reclamante deberá ser notificado/a de los resultados de la investigación en la forma identificada (correo electrónico o teléfono). Un/a reclamante puede apelar la decisión dentro de los 60 días siguientes a la notificación de los resultados de la investigación. Las apelaciones se deben enviar a Valley Metro o a la Ciudad de Phoenix.

¹ Válida: basadas en los hechos, vinculante, aceptable, ejecutable

² Inválida: nula e inválida, inaceptable, inejecutable

³ Indeterminable: incapaz de llegar a una decisión, asentada, osolucionada; no es determinable

SECTION 2.3 TITLE VI COMPLAINT PROCEDURES SPANISH

Todas las quejas e investigaciones del Título VI son revisadas por Valley Metro, el Administrador de Servicio al Cliente (CSA por sus siglas en inglés), y el personal de la Ciudad de Phoenix.

Para más información sobre el Programa del Título VI de Valley Metro y los procedimientos para registrar una queja, llame al Coordinador del Título VI al (602) 322-4514.

Para más información sobre el Programa de Derechos Civiles de la Ciudad de Phoenix y los procedimientos para registrar una queja, llame al Coordinador del Título VI al (602) 262-7242.

Solicitando Información

Nota: Para solicitar información en formatos alternativos, por favor comuníquese con Servicio al Cliente en csr@valleymetro.org o por teléfono: (602) 253-5000 ó con la Ciudad de Phoenix al (602) 262-7242, TTY: (602) 251-2039

Rastreando Una Queja del Título VI

A medida que se van recibiendo las quejas, éstas son ingresadas al sistema CAS. Dentro de 24 a 48 horas de registrar la queja, el administrador CSA de Valley Metro asigna la queja al proveedor TSP apropiado para su investigación y documentación.

El proveedor TSP tiene 30 días para completar su investigación, incluyendo la obtención de la información adicional necesaria del/la reclamante para investigar o para resolver el caso. El investigador seguirá el proceso de quejas, y una vez que concluya la investigación, la resolución del caso se documentará en el sistema CAS.

El sistema CAS está programado para notificarle al administrador CSA si una queja no ha sido contestada dentro del plazo requerido. Tras la notificación del sistema, el administrador CSA enviará un aviso de recordatorio al proveedor TSP correspondiente de que el caso aún no se ha resuelto o cerrado.

Una vez resuelto el caso, el/la reclamante recibirá una respuesta en la forma identificada.

Valley Metro y la Ciudad de Phoenix monitorean el proceso mensualmente para asegurar que las quejas del Título VI se investiguen a fondo, se documenten adecuadamente, y se le conteste al/la respondiente de la manera solicitada. En caso de que se encuentre un error, Valley Metro y/o la Ciudad de Phoenix trabajarán con el administrador CSA y el proveedor TSP apropiado para volver a abrir la queja para una investigación adicional hasta su resolución o finalización.

Investigando Una Queja del Título VI

Cada reporte de investigación documentado del Título VI debe abordar cada uno de los "Cinco Pasos de Investigaciones Federales" que se encuentran en 28 CFR, Parte 35 y la Circular 4702.IA de la administración FTA. Los siete pasos son:

PASO UNO: El proveedor TSP revisará la información de la queja ingresada al sistema CAS por el personal de Servicio al Cliente de Valley Metro. Cualquier nuevo asunto identificado durante la investigación también se debe documentar en el sistema CAS.

PASO DOS: Entrevistas y recolecciones de los hechos.

SECTION 2.3 TITLE VI COMPLAINT PROCEDURES SPANISH

- El proveedor TSP identifica a los respondientes a ser entrevistados, si es necesario.
- El proveedor TSP entrevista a los respondientes identificados y documenta los detalles de las entrevistas en el sistema CAS.
- Se investiga cada “asunto” (indicado en la declaración de asuntos que se indica en el paso uno).
- Se separan los hechos de las opiniones.

El/la “respondiente” no se limita al/la conductor/a del vehículo de transporte. El/la “respondiente” se define como *cualquier* fuente de información que pueda contribuir a la investigación, tal como:

- Reclamante
- Conductor/a
- Reportes de radio/despacho/OCC
- Personal de mantenimiento
- Personal de Transporte de la Ciudad
- Testigos
- Otros empleados de transporte

El proveedor TSP identifica, recopila, y revisa otra información y/o documentos que provean los hechos para la investigación. Cualquier información aplicable se debe documentar en el Sistema CAS. Los documentos por revisar pueden incluir:

- Software y programas de rastreo GPS
- Registros de mantenimiento
- Reportes de observador “Spotter”
- Grabaciones de video (cámara) y/o audio
- Tarjetas de cortesía
- Reportes de incidentes (supervisor, policía de transporte, inspectores de pasajes/seguridad)
- Historial de la ruta
- Otros documentos que el proveedor TSP considere apropiados

PASO TRES: El proveedor TSP documenta las regulaciones, reglas, normas, y procedimientos pertinentes que sean aplicables a la investigación en el sistema CAS bajo el número de caso asignado.

Las regulaciones, reglas, normas y procedimientos pertinentes pueden incluir:

- Requerimientos del Título VI
- Reglas y procedimientos de la compañía
- Normas y estándares de servicio de Valley Metro y la Ciudad de Phoenix
- Requerimientos contractuales

PASO CUATRO: Determinación de la queja.

SECTION 2.3 TITLE VI COMPLAINT PROCEDURES SPANISH

- El proveedor TSP compara cada hecho de “hallazgos de hechos” con la lista de regulaciones, reglas, etc.
- El proveedor TSP hace una determinación basada en hechos de la/s presunta/s infracción/es.

PASO CINCO: Descripción de la resolución para cada infracción válida.

- El proveedor TSP describe las acciones correctivas específicas para *cada* infracción que haya sido encontrada
- El proveedor TSP documenta la acción de seguimiento, si es aplicable
- El proveedor TSP documenta la resolución de la queja en el sistema CAS

Resolución/es de Quejas del Proveedor TSP:

- Debe incluir resoluciones específicas a las quejas para cada infracción válida anotada.
- Documentar un plan de acción de seguimiento, cuando sea aplicable.
- Si no se encuentran infracciones válidas, anotar las normas, los procedimientos, etc. revisados durante la investigación y con el/la conductor/a de transporte.
- La información documentada de la queja siempre debe incluir las iniciales del personal, el título, y las fechas.

Respuesta al/la Cliente

El proveedor TSP le contestará al/la Cliente de la manera identificada y documentará la respuesta provista en el sistema CAS bajo el número de caso asignado.

SECTION 2.4 TITLE VI COMPLAINT FORM ENGLISH

TITLE VI COMPLAINT FORM

Any person who believes that he or she has been discriminated against by Valley Metro or City of Phoenix or any of its service providers and believes the discrimination was based upon race, color or national origin, may file a formal complaint with Valley Metro Customer Service.

Please provide the following information to process your complaint. Alternative formats and languages are available upon request. You can reach Customer Service at 602.253.5000 (TTY: 602.251.2039) or via email at csr@valleymetro.org.

SECTION 1: CUSTOMER INFORMATION

First Name: _____ Last Name: _____
Address: _____
City: _____ State: _____ Zip: _____
Home Phone: _____ Cell Phone: _____
Email: _____ Preferred method of contact: Phone Email

SECTION 2: INCIDENT INFORMATION

Date of Incident: _____ Time of Incident: _____ AM PM City: _____
Incident Location: _____ Direction of Travel: _____
Route #: _____ Bus/Light Rail/Streetcar #: _____
Service Type: Local Bus Express/RAPID Circulator/Connector Light Rail Streetcar Dial-a-Ride
Operator Name: _____
Operator Description: _____
What was the discrimination based on (*Check all that apply*): Race Color National Origin Other _____

Explain as clearly as possible what happened and why you believe you were discriminated against. Describe all persons who were involved. Include the name and contact information of the person(s) who discriminated against you (if known), as well as names and contact information of any witnesses. If more space is needed, please use the back of this form. You may also attach any written materials or other information relevant to your complaint.

Have you filed this complaint with the Federal Transit Administration (FTA)? Yes No

If yes, please provide information about a contact person at the FTA where the complaint was filed:

Name: _____ Title: _____
Address: _____ Phone: _____

Have you previously filed a Title VI complaint with this agency? Yes No

Signature and date required below:

Signature _____
Date _____



SECTION 2.4 TITLE VI COMPLAINT FORM SPANISH

FORMA DE RECLAMACIÓN BAJO EL TÍTULO VI

Cualquier persona que crea que ha sido discriminada por Valley Metro o la Ciudad de Phoenix o por cualquiera de sus proveedores de servicios y cree que la discriminación fue basada en su raza, color u origen nacional, puede registrar una queja formal ante el Servicio al Cliente de Valley Metro.

Por favor provea la siguiente información para procesar su queja. Hay formatos e idiomas alternativos disponibles si se solicitan. Usted se puede comunicar con el Servicio al Cliente llamando al 602.253.5000 (TTY: 602.251.2039) ó por correo electrónico a csr@valleymetro.org.

SECCIÓN 1: INFORMACIÓN DEL CLIENTE

Nombre: _____ Apellido: _____

Domicilio: _____

Ciudad: _____ Estado: _____ Código Postal: _____

Teléfono del Hogar: _____ Teléfono Celular: _____

Correo Electrónico: _____ Método preferido de contacto: Teléfono Correo Electrónico

SECCIÓN 2: INFORMACIÓN SOBRE EL INCIDENTE

Fecha del Incidente: _____ Hora del Incidente: _____ AM PM Ciudad: _____

Ubicación del Incidente: _____ Dirección del Viaje: _____

Ruta #: _____ Autobús/Tren Ligero/Tranvía #: _____

Tipo de Servicio: Autobús Local Express/RAPID Circulador/Conector Tren Ligero Tranvía Dial-a-Ride

Nombre del/la Operador/a: _____

Descripción del/la Operador/a: _____

¿En qué se basó la discriminación? (Marque todo lo que sea aplicable):

Raza Color Origen Nacional Otro _____

Explique lo más claramente posible lo que sucedió y por qué cree usted que se le discriminó. Describa a todas las personas que estuvieron involucradas. Incluya el nombre y la información de contacto de la/s persona/s que le discriminó/aron (si los conoce), así como los nombres y la información de contacto de cualquier testigo. Si se necesita más espacio, por favor use el reverso de esta forma. Usted también puede adjuntar cualquier material por escrito u otra información relevante a su queja.

¿Ha usted registrado esta queja ante la Administración Federal de Transporte (FTA por sus siglas en inglés)? Sí No

Si contestó Sí, por favor provea información sobre una persona de contacto en la administración FTA donde se registró la queja:

Nombre: _____ Título: _____

Domicilio: _____ Teléfono: _____

¿Ha usted registrado previamente una queja bajo el Título VI ante esta agencia? Sí No

Firma y fecha requeridas abajo:

Firma _____

Fecha _____



SECTION 2.5 TITLE VI INVESTIGATIONS, LAWSUITS, COMPLAINTS

To comply with 49 CFR Section 21.9(b), the City of Phoenix, and Valley Metro, jointly branded as Valley Metro, maintain a comprehensive list of all active complaints, investigations, and lawsuits naming Valley Metro on the basis of race, color and/or national origin. This list includes the date each complaint, investigation, or lawsuit was filed, a summary of the allegations; the current status, and the actions taken in response. The records cover the period from August 1, 2021, to June 30, 2024.

Investigations

There were two Title VI investigations during the reporting period.

EOD-2022-00032 Waide Magill v. Public Transit – ACRD Dismissed 7/6/22
 EOD-2024-0206 River Forrest v. Public Transit – Resolution Pending

Lawsuits

There were no Title VI lawsuits during the reporting period.

Complaints

Complaints are logged in the Valley Metro Customer Assistance System (CAS) as Customer Assistance Forms (CAF). The Customer Service Administrator forwards each complaint to the relevant partner cities or transit providers for investigation and resolution. Table 3 lists complaints received during the reporting period.

TABLE 3: TITLE VI COMPLAINTS

Customer Assistance Form (CAF) Number	Date Filed	Case Summary	Case Status (Valid, Invalid, Undetermined)	Case Resolution Action(s)
474253	9/30/2021	Pass Up	Undetermined	Video unavailable for review. No violations found to support passenger allegations.
474732	10/7/2021	Discrimination	Invalid	None, operator was followed federal guidelines.
477357	11/8/2021	Discrimination	Undetermined	CAF and DVD was requested and viewed for possible violation. The information, /C of C and recording has been sent to supervisor for review. The supervisor will determine discipline. CL To Lonnie J 11/10
478289	11/19/2021	Discrimination	Invalid	DVD was requested and reviewed for possible policy violations; with no conclusive

TABLE 3: TITLE VI COMPLAINTS

Customer Assistance Form (CAF) Number	Date Filed	Case Summary	Case Status (Valid, Invalid, Undetermined)	Case Resolution Action(s)
				evidence to validate customer A's allegations. CL
478962	11/30/2021	Discrimination	Undetermined	Video unavailable for review. Report forwarded to Operations Manager for further review.
479710	12/10/2021	Discrimination	Undetermined	operator will be C&C by a senior supervisor on enforcement of policy and customer service protocol.
479891	12/13/2021	Discrimination	Undetermined	No action taken; however, Operators are reminded to provide excellent service to all customers and to never discriminate. LS
480249	12/16/2021	Discrimination	Invalid	No violation found. Unable to validate. Customer has the wrong description of the driver. The driver was a male and the customer has claimed the driver to be a female.
480238	12/17/2021	Discrimination	Invalid	None, incident did not happen on time and date given.
480741	12/27/2021	Discrimination	Undetermined	No action taken at this time. CL
483035	1/26/2022	Discrimination	Invalid	Complaint found to be invalid, Operator not a match for description provided.
482996	1/26/2022	Discrimination	Invalid	No violations found.
483805	2/4/2022	Discrimination	Undetermined	Lt. Mann/Capt. Rodriguez Attempt to call Mr. Levi Bailey 2/16/22 no answer left message to get a better description of officer Mr. Levi Bailey Called back on

TABLE 3: TITLE VI COMPLAINTS

Customer Assistance Form (CAF) Number	Date Filed	Case Summary	Case Status (Valid, Invalid, Undetermined)	Case Resolution Action(s)
				2/26/2022 Left a message making threats and using profanity ended contact.
483932	2/7/2022	Discrimination	Invalid	None No Violation
484069	2/9/2022	Pass Up	Invalid	No violations found. No passengers at the bus stop.
484190	2/11/2022	Discrimination	Invalid	Complaint found to be invalid, Operator not a match for description provided.
484372	2/14/2022	Discrimination	Invalid	No action taken. The Operator was following the fare policy. LS
484583	2/16/2022	Discrimination	Invalid	No action taken, as no policy violation occurred. LS
484652	2/18/2022	Attitude (operator)	Undetermined	No action taken, as no policy violation can be proven. LS
485036	2/24/2022	Policy (operator)	Undetermined	Sent to LS 3/1 for viewing
485073	2/24/2022	Discrimination	Invalid	No further action required at this time. CL
485813	3/7/2022	Discrimination	Invalid	NONE
486082	3/11/2022	Policy (operator)	Invalid	NONE
486387	3/16/2022	Forced off/Security	Invalid	No violations found. Passenger was being rude to the operator.
486552	3/18/2022	Discrimination	Invalid	Operator was C&C on giving the customer the opportunity to comply with to mask mandate. RK
487873	4/6/2022	Discrimination	Undetermined	On 12/01/22, I searched for information on this complaint, but none was available. No video or Operator information is available due to this complaint being 7 months old and sent to Operations on 11/30/22.
488651	4/16/2022	Discrimination	Invalid	N/A
490947	5/23/2022	Discrimination	Valid	The video and complaint were sent to upper management to issue discipline.

TABLE 3: TITLE VI COMPLAINTS

Customer Assistance Form (CAF) Number	Date Filed	Case Summary	Case Status (Valid, Invalid, Undetermined)	Case Resolution Action(s)
491367	6/1/2022	Discrimination	Invalid	Complaint found to be invalid; Bus given was not on any route this day. Information given was the wrong one or they made it up.
491699	6/8/2022	Discrimination	Invalid	Sent Video to Senior Supervisor Jose Zavala to view video and determine if any discipline is required. 6/10 Requested Jose Z to inform Randy K at Customer Service the outcome of the video and if any violations occurred. CAF OPEN until response from Senior JZ. Operator will be C&C on better Customer service skills.
492065	6/14/2022	Discrimination	Invalid	Complaint found to be invalid; No altercations occurred on video.
492705	6/24/2022	Board/Deboard	Invalid	No violation during this clip. The complainant on the bus during the video. I did not witness any behavior to indicate the operator violated any policy.
492722	6/24/2022	Discrimination	Invalid	No policy violation, No action required. CL
493133	7/1/2022	Attitude (operator)	Invalid	Forwarded to Senior Supervisor for further review, coach, counsel. RK/ JZ on 7/7/2022
494661	7/29/2022	Policy (operator)	Invalid	The witness report was filed for future reference. No violations found.
494665	7/29/2022	Attitude (operator)	Invalid	Complaint found to be invalid; Operator did not get the passenger off the bus and operator did explain that he did confuse himself thinking the passenger did not pay to get on the bus.

TABLE 3: TITLE VI COMPLAINTS

Customer Assistance Form (CAF) Number	Date Filed	Case Summary	Case Status (Valid, Invalid, Undetermined)	Case Resolution Action(s)
495003	8/4/2022	Pass Up	Undetermined	Operator was coach and counseled by senior supervisor JZ 8/10/2022
495669	8/15/2022	Pass Stop	Valid	Forwarded to Senior Supervisor for further review and corrective actions if necessary. RK
495733	8/16/2022	Discrimination	Invalid	Complaint found to be invalid; Operator did not have any altercations with any passengers. Operator followed company policies and procedures. No violations found.
496638	8/30/2022	Discrimination	Invalid	No policy violation, no action required. CL CSR Transdev 9/7/2022
497925	9/20/2022	Attitude (operator)	Invalid	Complaint found to be invalid; Complain was sent to the Operations Department. The research found no attitude problems affiliated with this report. We need the customer to add the date, time, and locations of all these alleged incidents.
499221	10/11/2022	Attitude (operator)	Invalid	Complaint found to be invalid; Operator is following procedures. The passenger was not able to board the bus because the operator left before they could get to the door. The operator was there for a long time while one passenger is taking off their bike from the rack.
499250	10/12/2022	Discrimination	Invalid	Operator will be C&C by a Senior supervisor on the importance of enforcing fare policy on everyone equally if she chooses to enforce policy.
499347	10/13/2022	Discrimination	Invalid	Operator will be C&C by Senior Supervisor on the

TABLE 3: TITLE VI COMPLAINTS

Customer Assistance Form (CAF) Number	Date Filed	Case Summary	Case Status (Valid, Invalid, Undetermined)	Case Resolution Action(s)
				policy stopping at bus stops when customers are waiting and asking if they want the bus.
500165	10/25/2022	Discrimination	Invalid	CS Supervisor BC to View Video and add any additional information needed. CB Agrees with CSR CL
502091	11/26/2022	Sexual Harassment	Valid	The Download was viewed for possible violations; with conclusive results to validate customer's allegation of Harassment. Forward information/DVD to Senior for review for corrective actions. RK
502386	11/30/2022	Policy (operator)	Undetermined	DVR requested and reviewed for possible policy violations. Safety Clerk unable to validate or invalidate complaint due to error in connection with DVR. Report forwarded to operations management for operator council.
502798	12/8/2022	Policy (operator)	Invalid	Complaint found to be invalid; In our Code of Conduct it is stated "You may only bring covered, spill-proof, non-alcoholic drink containers on board. Acceptable containers include: hard plastic or metal (non-disposable cups with lids and closeable sports bottles".
503596	12/22/2022	Discrimination	Invalid	None. Operator was following fare policy. Operator never use any racial comments.
504671	1/14/2023	Attitude (operator)	Invalid	No action required. CL
504916	1/18/2023	Attitude (operator)	Undetermined	Incident was investigated as fully as possible at this time. Until further information is available the investigation is unsubstantiated. CL

TABLE 3: TITLE VI COMPLAINTS

Customer Assistance Form (CAF) Number	Date Filed	Case Summary	Case Status (Valid, Invalid, Undetermined)	Case Resolution Action(s)
508250	3/15/2023	Attitude (operator)	Valid	Operator will be C&C on Customer service skills on how he should be helpful and polite with all customers.
509115	3/30/2023	Policy (operator)	Valid	All available information to be sent to Management for review. If it is determined that there was a policy violation disciplinary action may be issued in accordance with company policy and the current CBA. Please note that the operator did not use racial slurs as the customer stated in the complaint. BC
510386	4/22/2023	Attitude (operator)	Invalid	Operator followed fare policy and did not make any derogatory or racial comments to the customer. No further action on this claim. BC
511624	5/11/2023	Discrimination	Invalid	Complaint found to be invalid; No altercations occurred on the bus. Operator followed company policies and procedures. No violations found.
514164	6/26/2023	Discrimination	Invalid	Complaint found to be invalid; Video has been examined thoroughly, operator followed company policies and procedures. No violations found.
514207	6/27/2023	Discrimination	Valid	All available information to be sent to a Sr. Supervisor for review and disciplinary action in accordance with company policy and the current CBA as necessary.
514220	6/27/2023	Policy (operator)	Invalid	Complaint found to be invalid; Operator followed company policy and procedures. No violations found.
515336	7/17/2023	Attitude (operator)	Invalid	A Notice of Infraction been written and all available

TABLE 3: TITLE VI COMPLAINTS

Customer Assistance Form (CAF) Number	Date Filed	Case Summary	Case Status (Valid, Invalid, Undetermined)	Case Resolution Action(s)
				information including video evidence has been sent to a Sr. Supervisor for review and disciplinary action in accordance with company policy and the current CBA. Operator will be coached on the process of extending time to allow a customer to complete their transaction as well as methods to better handle situations that may occur in the future. BC
517396	8/16/2023	Pass Up	Invalid	No further action. BC
518423	8/31/2023	Discrimination	Invalid	No Action needed no violation occurred.
518846	9/3/2023	Discrimination	Undetermined	Sent to ACI Management on 9/8. ACI responded accordingly. Train: 8 LRVs: 121B^145 Operator: ID 516 I reviewed the platform cameras and confirmed 121(B) was the lead car of train #8 and saw a male and female Hispanics or Natives exit the train at CMCN at 22:55. The video appears to show the female upset as both exit the train. Corrective actions are being taken in accordance with the CBA. No follow-up was provided due to no preferred method of response.
518609	9/5/2023	Discrimination	Invalid	Complaint found to be invalid; Operator followed company policies and procedures.
519969	9/26/2023	Pass Up	Invalid	Complaint found to be invalid; Operator followed company policies and procedures. No violations found.
520138	9/28/2023	Policy (operator)	Invalid	No action required mechanical issue with the front door.
521143	10/12/2023	Discrimination	Invalid	No action needed

TABLE 3: TITLE VI COMPLAINTS

Customer Assistance Form (CAF) Number	Date Filed	Case Summary	Case Status (Valid, Invalid, Undetermined)	Case Resolution Action(s)
521866	10/23/2023	Attitude (operator)	Invalid	No further action required, no policy violation.
523701	11/16/2023	Pass Up	Valid	2 Hour ADA Training.
524583	12/4/2023	Pass Stop	Valid	All information to be sent to a Sr. Supervisor for review and any disciplinary action in accordance with company policy and the current CBA as necessary MW. (Download 12/05/2023)
525398	12/15/2023	Policy (operator)	Invalid	All available information to be sent to a Sr. Supervisor for review. MW
525620	12/19/2023	Fare Policy	Valid	Complaint sent to Operations department. Operations department is to handle complaint accordingly.
525873	12/25/2023	Discrimination	Invalid	No further action required. MW
526486	1/6/2024	Sexual Harassment	Invalid	Maintenance sent an Electronic Technician to attempt to retrieve the audio and the system was found inoperable. The system was repaired however the lost audio was not able to be retrieved. BC The operator will be monitored of any further complaints
526677	1/10/2024	Attitude (operator)	Valid	Complaint found to be valid; Unable to verify through video due to time frame. Complaint sent to the operations department. Operations department handled the complaint accordingly.
526711	1/10/2024	Pass Up	Invalid	No further action required at this time.
530651	3/8/2024	Security Policy	Undetermined	ON 3/11/2024 I spoke too Aria Nunez by phone. We had a good conversation. She explained to me her observations. I told her I would share her concerns

TABLE 3: TITLE VI COMPLAINTS

Customer Assistance Form (CAF) Number	Date Filed	Case Summary	Case Status (Valid, Invalid, Undetermined)	Case Resolution Action(s)
				with the Allied Security Account Leadership team. She agreed to call me back if she sees any more of this type of behavior going on. Nothing further.
531105	3/14/2024	Policy (operator)	Invalid	No further action. BC
533618	4/19/2024	Discrimination	Valid	Complaint was sent to the Safety Department and the Operations Department. Operations department is to handle complaint accordingly.
533619	4/19/2024	Policy (operator)	Invalid	No policy violation, no action needed.
536879	6/7/2024	Policy (operator)	Valid	Referred to Operations Director to review company policy regarding equal treatment of Customers with Operator. Operations department is to handle complaint accordingly.
537894	6/24/2024	Discrimination	Valid	All information sent to a Sr. Supervisor for further review and any disciplinary action in accordance with company policy and the current CBA as necessary. MW



Valley Metro Public Participation Plan 2021

Introduction

The regional transit public input/outreach process is conducted by Valley Metro for various transit-related activities and actions. Throughout the year, Valley Metro conducts public outreach activities related to capital projects, transit service changes, fare changes, and other transit-related events. This Title VI Public Participation Plan was established to ensure inclusion of the public throughout the Phoenix metropolitan community in accordance with the content and considerations of Title VI of the Civil Rights Act of 1964. Federal regulations state that recipients of federal funding must “promote full and fair participation in public transportation decision-making without regard to race, color or national origin.” Valley Metro uses this Plan to ensure involvement of low-income, minority and limited English proficient (LEP) populations, following guidance from the Title VI Requirements and Guidelines for Federal Transit Administration Recipients Circular¹ (Circular).

Involving the public in Valley Metro practices and decision-making processes provides helpful information to improve the transit system to better meet the needs of the community. Although public participation methods and extent may vary with the type of plan, program and/or service under consideration, as well as the resources available, a concerted effort to involve all affected parties will be conducted in compliance with this Plan along with federal regulations. To include effective strategies for engaging low-income, minority and LEP populations, the Circular suggests that the following may be considered:

- Scheduling meetings at times and locations that are convenient and accessible for minority and LEP communities.
- Employing different meeting sizes and formats.
- Coordinating with community- and faith-based organizations, educational institutions and other organizations to implement public engagement strategies that reach out specifically to members of affected minority and/or LEP communities.
- Considering transit information in publications and through communication channels that serve LEP populations.
- Providing opportunities for public participation through means other than written communication, such as personal interviews or use of audio or video recording devices to capture oral comments.

¹ United States Department of Transportation, Federal Transit Administration, Circular 4702.1B.

Valley Metro currently practices all these strategies, in compliance with federal regulations, so that minority, low-income and LEP populations have ready access to information and meaningful opportunities to engage in planning activities and provide input as part of the decision-making process.

Typical Public Participation Opportunities

Valley Metro provides opportunities to share information or receive public input through a variety of methods for public participation utilized to engage low-income, minority and LEP populations through many outlets.

Meeting Planning: For planning efforts, including fare and service changes, public meeting locations are held at a centralized location near the affected route or project area and bilingual staff is available. Public notices and announcements are published in minority-focused publications— some examples include: the *Arizona Informant* (African American community), *Asian American Times* (Asian American community), *La Voz* and *Prensa Arizona* (Hispanic community). Press releases are also sent to these media sources regarding fare changes, service changes and other programs. All printed materials are available in English and Spanish and translated, as requested, in any other languages.

Rider Satisfaction Survey: A key participation effort, the Rider Satisfaction Survey, is conducted approximately every two years. This survey is administered on transit routes across the region, reaching transit riders living in minority and/or low-income communities. The survey, administered in English and Spanish, measures rider satisfaction with transit services and captures comments for improvements.

Valley Metro Customer Service: Throughout the year, minority, low-income and LEP populations have access to information through the Valley Metro Customer Service. Valley Metro Customer Service is open 5 a.m. - 10 p.m., Monday through Friday; 6 a.m. - 8 p.m. on Saturdays; and 8 a.m. - 5 p.m. on Sundays and designated holidays. Customer Service staff is multilingual.

Website: Information including meeting announcements, meeting materials and other program information is available on valleymetro.org in both English and Spanish. If users would like information in another language, Valley Metro features Google Translate on its website. This allows Valley Metro to reach citizens in five languages with information on transportation services, proposed service changes and other programs.

Public Participation Methods

Valley Metro uses several specific public involvement techniques to ensure that minority, low-income and LEP persons are involved in transit decisions. Using public involvement, media outlets and print or electronic materials, Valley Metro disseminates information regarding planning efforts. These efforts include the activities described below.

A full list of potential outreach methods is found in Appendix A.

Common Best Practices:

- Public meetings, hearings and open houses are held regularly at community-familiar and centralized locations with public transportation access and at convenient times, in collaboration with city partners. These meetings provide an opportunity to meet with citizens and receive their comments and questions on proposed service changes and other programs. For each program, Valley Metro varies its meeting format to best engage the targeted population.
- Valley Metro has staff available at public meetings, hearings, events and open houses to answer questions and receive comments in both English and Spanish. Valley Metro also uses court reporters to record verbal comments at public hearings.
- Outreach for biannual service changes and other programs are conducted at or near the affected area— for example, along an affected bus route or at an affected transfer location— thus targeting the population that may be most affected by proposed changes to service or routes. Often, these efforts are also executed at transit stops, community centers, civic centers or major transfer locations.
- Coordination with community- and faith-based organizations, educational institutions and other organizations occurs regularly. These coordination efforts assist Valley Metro in executing public engagement strategies that reach out to members of the population that may be affected.
- All public meeting notices for biannual service changes and other programs are translated to Spanish. Notices regarding Valley Metro projects and programs are widely distributed to the public through multiple methods as established by the project team. A full list of potential outreach methods is found in Appendix A.
- Valley Metro publishes advertisements of any proposed service or fare change in minority publications to make this information more easily available to minority populations. Additionally, Valley Metro sends press releases regarding service changes and other programs to Spanish-language media. Depending on the level of impact, a formal media/communications plan can be developed to coordinate overall messaging across multiple stakeholders.
- Valley Metro offers online participation via social media, webinar and email input as an alternative opportunity for comment. Online meetings or hearings are recorded and uploaded to the Valley Metro YouTube channel and/or website.
- Major surveying efforts are conducted in both English and Spanish to ensure that the data collected is representative of the public.
- Valley Metro Customer Service is multilingual.

- All comments are documented in a centralized database. Comment summary information is provided to Valley Metro’s city partners for review and is also presented to the Valley Metro Board of Directors for consideration when acting upon proposed service changes.
- A public hearing is a formal presentation to the public on specific proposal or subject. Public testimony is recorded into the official record. The rules governing a public hearing are more formal than that of a public meeting, where a variety of tools and techniques may be used to gather feedback from the public. A public hearing may take place in-person, via teleconference, or online. Public comment must be recorded and transcribed, either via electronic means or a court reporter.

A public hearing is required during:

- The development of an Environmental Impact statement.
- A Major Service Change, as defined by the Major Service Change & Service Equity Policy.

Conclusion

Valley Metro conducts public outreach throughout the year to involve the public with agency activities and transit planning processes. Using a variety of communication techniques such as facilitating meetings at varied times and locations, using multiple formats, placing print and digital materials across multiple channels and providing opportunities via phone and online to share or collect input, Valley Metro ensures that outreach efforts include opportunities for minority, low-income and LEP populations who may be impacted by the activity or transit planning process are integrated into the decision-making process. Valley Metro will continue to involve all communities to be inclusive of all populations throughout the metropolitan Phoenix area and to also comply with federal regulations. Valley Metro will continue to monitor and update this Inclusive Public Participation Plan as part of the Title VI Program, which is updated triennially.

Appendix A

Valley Metro reviews public outreach needs with the project/initiative team as part of the initial development of the designated Public Involvement Plan. Major tactics are outlined to develop the overall timeline. Depending upon the scope of the project, program or announcement, public participation methods are customized to ensure that the public is involved in the decision-making process.

A list of commonly used outreach tools, as well as their definition and associated Valley Metro standard of best practice, is listed below.

Table 3: Public Outreach Tools

Outreach Tool	Definition and Best Practices
Public Hearing	A formal meeting with a set agenda during which a presentation is given, and public testimony/feedback is heard and recorded. Can take place in-person, via teleconference, or online. For public hearings, adequate notice to the public is defined as a minimum of 30 days to the hearing date. A hearing is advertised with an appropriate outreach tactic at least four times within 30 days of the meeting date. Public comment must be recorded and transcribed, either via electronic means or via a court reporter.
Public Meeting	A meeting during which material is presented and public comment is heard and recorded. The material may be offered via a presentation, workshop or “open house.” Can take place in-person, via teleconference, or as a webinar online. For public meetings, adequate notice to the public is defined as a minimum of 15-days prior to the meeting date. A meeting is advertised at least twice via an appropriate outreach tactic within 15 days of the meeting date.
Display Ads in Print Media	A paid advertisement in the newspapers or other print media to alert readers about an upcoming event or action.
Website/Online Social Media	Information on projects or initiatives located on the Valley Metro website or Valley Metro social channels (Instagram, Facebook, Twitter)
Stakeholder meetings	Information provided to local, targeted individuals or groups particularly affected by project. The presentation may be formal, a workshop or in “open house” style. Typically, stakeholder meetings are invitation-only and so do not need to be publicly advertised beforehand. Can take place in-person, via teleconference, or as a webinar online.

Mobile Device Alerts	Electronic push notifications to alert customers to important information on projects or service changes via Valley Metro-owned mobile apps (AlertVM, ConstructVM, mobile fare app).
Signs	Signs on buses, bus stop locations, transit centers or other locations frequented by stakeholders. This includes temporary signs, A-frames or kiosk posters.
Rider Alerts	Notifications regarding immediate rider information on impacts to frequency, routing or schedule. Rider Alerts may be web-based, printed on signs and/or submitted as a memo to Customer Service & Operations.
Direct Mailings	Mail sent to an affected group or area to educate, notify, or request input.
Surveys	A list of questions to solicit opinions or preferences by a selected group of individuals. The survey mechanism may be electronic and/or in-person. The survey population may be intercepted or self-selected. For surveys, the feedback collection period is defined as a minimum of 15 days.
Static Display	Table or sign display at a trafficked event or area in an identified area where a targeted stakeholder group may be present. The display may be manned or unmanned and will have specific information on the project/initiative. This may also include a feedback mechanism, such as comment cards.
Door Hanger/Flyer Canvassing	Print notice distributed to local businesses and residents in project/affected area.
E-mail/E-blast	Digital messaging to an established Valley Metro email list. Stakeholders may opt-in or out of this list based on their needs.

SECTION 2.6.1 CITY OF PHOENIX PUBLIC OUTREACH

INTRODUCTION

Throughout the year, The City of Phoenix and Valley Metro conduct numerous public outreach activities related to capital projects, transit service changes, service operations, fare changes, and other transit-related events. The public participation program for both the City of Phoenix and Valley Metro's adheres to a rigorous set of standards and best practices ensuring compliance with Title VI of the Civil Rights Act of 1964.

Engaging the public in our practices and decision-making processes provides valuable insights to enhance the transit system to better meet community needs. While public participation methods and their extent may vary depending on the plan, program or service under consideration, as well as the available resources, the agency employs consistent tools across multiple programs and initiatives. Our public outreach efforts are organized as follows:

Canvassing, Tabling, Public Hearings, Meetings, Events, and Presentations

The following types of outreach may be considered by the City of Phoenix and Valley Metro when conducting canvassing, tabling, public hearings, meetings, events, and presentations.

TABLE 4: PUBLIC OUTREACH TOOLS

Outreach Tool	Definition and Best Practices
Signs	Signs on buses, bus stop locations, transit centers or other locations frequented by stakeholders. This includes temporary signs, A-frames, or kiosk posters.
Static Display	Table or sign display at a trafficked event or area in an identified area where a targeted stakeholder group may be present. The display may be manned or unmanned and will have specific information on the project/initiative. This may also include a feedback mechanism, such as comment cards.
Door Hanger/Flyer Canvassing	Print notice distributed to local businesses and residents in project/affected area.
Public Hearing	A formal meeting with a set agenda during which a presentation is given, and public testimony/feedback is heard and recorded. Can take place in-person, via teleconference, or online. For public hearings, adequate notice to the public is defined as a minimum of 30 days to the hearing date. A hearing is advertised with an appropriate outreach tactic at least four times within 30 days of the meeting date. Public comment must be recorded and transcribed, either via electronic means or via a court reporter.
Public Meeting	A meeting during which material is presented and public comment is heard and recorded. The material may be offered via a presentation, a workshop or "open house." Can take place in-person, via teleconference, or as a webinar online. For public meetings, adequate notice to the public is defined as a minimum of 15 days prior to the meeting date. A meeting is

advertised at least twice via an appropriate outreach tactic within 15 days of the meeting date.

From July 2021 through June 2024, the City of Phoenix and Valley Metro conducted nearly 800 canvassing and meeting efforts related to proposed service changes and major capital bus and rail projects in the City of Phoenix. A small sample of these canvassing efforts is included in Table 5.

TABLE 5: MEETING AND CANVASSING SAMPLES

Title	Projects	Date
Flyer Distribution on October 2021 Service Changes	October 2021 Proposed Service Change	10/18/2021
Platform Construction Notifications	Fare Collection System Modernization	7/28/2022
Information Table Pop-up Outreach	West Phoenix HCT Alternatives Analysis	6/12/2023
Special Trackwork Construction Notifications	South Central Extension / Downtown Hub	1/10/2024

FIGURES 3 & 4: BUS ROUTE SERVICE CHANGE SAMPLES

Service Changes
PROPOSED ROUTE AND SCHEDULE CHANGES

35 **Schedule Adjustment**
Route 35–35th Ave
Increase weekday frequency to 15 minutes from 6 a.m.–7 p.m. between Lower Buckeye Rd. and Metrocenter Transit Center.

If approved, these changes will go into effect on October 23, 2023. Comment by June 9 at valleymetro.org/servicechanges.

Cambios al servicio
Cambios Propuestos a las Rutas y los Horarios

Ajuste al horario
Ruta 35–35th Ave

Aumentar la frecuencia entre semana a 15 minutos de 6 a.m. a 7 p.m. entre Lower Buckeye Rd. y el Centro de Transporte Metrocenter.

Si se aprueban, estos cambios entrarán en vigor el 23 de octubre de 2023. Provea sus comentarios antes del 9 de junio en valleymetro.org/servicechanges.

Happy Valley
Pleasant Park Rd
Happy Valley
Cherry Dr
Metrocenter Transit Center
Lower Buckeye Rd
27th Ave
Baseline

LEGENDA
Propuesta de modificación de ruta y horario
Línea de Ruta Actual
Línea de Ruta Propuesta

Happy Valley
W/Weekday, 6:00 a 7:00 p.m.
Happy Valley
W/Weekday, 6:00 a 7:00 p.m.

602.253.5000
AZ Relay 711

Service Changes
EFFECTIVE OCTOBER 25, 2021

I-17 **I-17 RAPID**
Additional trips are being added to I-17 RAPID service. Please check the schedule and your drop-off/pickup locations in downtown Phoenix at valleymetro.org.

I-17 RAPID
Cambios en el servicio a partir del 25 de octubre de 2021
Se están agregando viajes adicionales al servicio I-17 RAPID. Por favor verifique el horario y las ubicaciones para abordar/bajarse del autobús en el centro de la ciudad de Phoenix en valleymetro.org.

Monday-Friday AM Inbound Lunes a Viernes, de llegada por la mañana						Monday-Friday PM Outbound Lunes a Viernes, de salida por la tarde					
HAPPY VALLEY PARK	BELLE BUCKEY PARK	METROCENTER T/C	WEST AVE & METROCENTER ST	CENTRAL AVE & VAN BUREN ST	ARIZONA CENTER	ARIZONA CENTER	WEST ST & VAN BUREN ST	SCOTT CENTER	METROCENTER T/C	BELLE BUCKEY PARK	HAPPY VALLEY PARK
5:06	5:32	5:25	*5:45	*5:55	*5:58	3:05	3:06	3:16	*3:35	*3:50	*4:04
5:36	5:42	5:55	*6:15	*6:25	*6:28	3:35	3:37	3:47	*4:07	*4:22	*4:36
6:00	6:06		*6:27	*6:37	*6:40	4:00	4:02	4:13	*4:33	*4:38	*4:53
		6:20	*6:40	*6:50	*6:53	4:35	4:35	4:46	*4:59	*5:00	*5:15
6:15	6:21		*6:44	*6:54	*6:57	4:20	4:22	4:33			
6:30	6:36		*7:00	*7:10	*7:13	4:23	4:25	4:36	*4:59		
		6:40	*7:02	*7:12	*7:15	4:35	4:37	4:48		*5:15	*5:30
6:45	6:51		*7:27	*7:37	*7:40	4:42	4:44	4:55	*5:18		
		7:00	*7:24	*7:34	*7:37	4:50	4:52	5:03		*5:30	*5:45
7:00	7:06		*7:32	*7:42	*7:45	5:02	5:04	5:15	*5:37		
		7:20	*7:44	*7:54	*7:57	5:05	5:07	5:18		*5:45	6:00
7:15	7:21		*7:47	*7:57	*8:00	5:32	5:33	5:43			
7:30	7:36		*8:02	*8:11	*8:15	5:25	5:26	5:36		*6:03	*6:15
		7:40	*8:04	*8:13	*8:15	5:50	5:51	6:01	*6:20	*6:34	*6:46
7:49	7:55	8:08	*8:29	*8:38	*8:40	6:20	6:21	6:30	*6:49	*7:03	*7:15
8:19	8:25	8:38	*8:59	*9:08	*9:10						

* Times are approximate, trip may depart early. Los horarios son aproximados, el viaje puede salir temprano.

valleymetro.org/servicechanges

602.253.5000
AZ Relay 711

FIGURES 5 & 6: BUS ROUTE SERVICE CHANGE SAMPLES

Service Changes

EFFECTIVE OCTOBER 25, 2021

0A **7** **8**

Route 0A—South Central Shuttle: Modify frequency to every 15 minutes north of Baseline Rd. and every 30 minutes south of Baseline Rd., Monday–Friday, 6 a.m.–9 p.m.

Route 7—7th St: Remove service to Ed Pastor Transit Center; improve frequency to every 10–15 minutes south of Van Buren St., Monday–Friday, 6 a.m.–9 p.m.

Route 8—7th Ave: Remove service to Ed Pastor Transit Center; extend route to connect at Central Ave. and Baseline Rd.

LEGEND INSCRIPCIÓN
— New routing with frequent service
— New routing nueva ruta con servicio frecuente
— New routing nueva ruta

valleymetro.org/servicechanges 602.253.5000
AZ Relay 711

Cambios al Servicio

Cambios en el servicio a partir del 25 de octubre de 2021

0A **7** **8**

Ruta 0A—South Central Shuttle: Modificar la frecuencia a cada 15 minutos al norte de Baseline Rd. y a cada 30 minutos al sur de Baseline Rd., de lunes a viernes, de 6 a.m. a 9 p.m.

Ruta 7—7th St: Remover el servicio al Centro de Transporte Ed Pastor; mejorar la frecuencia a cada 10–15 minutos al sur de Van Buren St., de lunes a viernes, de 6 a.m. a 9 p.m.

Ruta 8—7th Ave: Remover el servicio al Centro de Transporte Ed Pastor; extender la ruta para que se conecte en Central Ave. y Baseline Rd.

LEGEND INSCRIPCIÓN
— New routing with frequent service
— New routing nueva ruta con servicio frecuente
— New routing nueva ruta

valleymetro.org/servicechanges 602.253.5000
AZ Relay 711

Email/E-Blasts

The following list includes major e-blasts or email communications sent to stakeholder groups or distribution lists. For brevity, one-on-one stakeholder communication and daily correspondence to small groups of stakeholders have been excluded from this list.

From July 2021 through June 2024 Valley Metro on behalf of the City of Phoenix sent out approximately 828 email blasts with a total of 1,896,731 deliveries to subscribers that participate in the agency’s general outreach and for capital rail projects. A small sample of these communications is included in Table 6.

TABLE 6: EMAIL SAMPLE

Outreach Tool	Definition and Best Practices
E-mail/E-blast	Digital messaging to an established Valley Metro email list. Stakeholders may opt-in or out of this list based on their needs.

Project	Subject Line	Sent Date	Deliveries
Agency Outreach	Give feedback on April 2022 proposed service changes	11/3/2021	4963
Northwest Extension II	Northwest Phase II Construction Update	3/25/2022	1316
Agency Outreach	Join the Valley Metro mobile fare pilot!	11/2/2022	4905
SCE/DH	South Central Extension / Downtown Hub Construction Update	4/28/2023	3543
Commute Solutions	Commute Solutions Weekly Update	9/6/2023	2992
Capitol Extension	Capitol Extension Light Rail New Route Turnaround at 15th Avenue	1/17/2024	2114

Social Media Messaging/Website Outreach

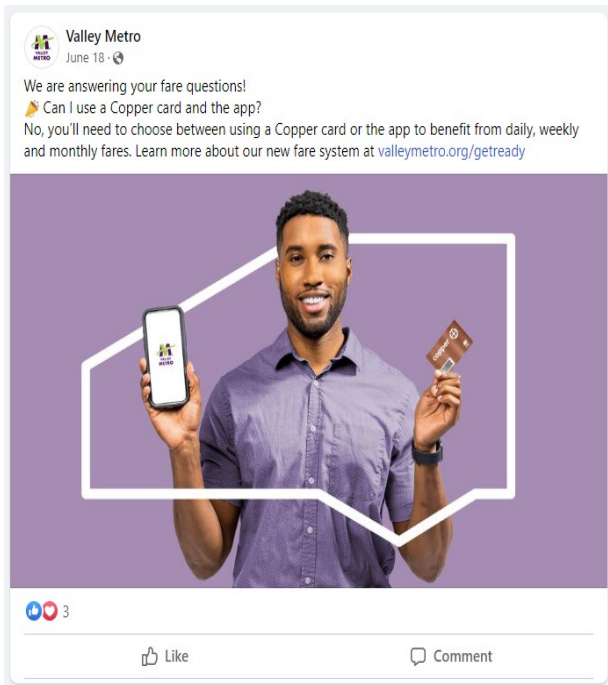
Website updates are not included in the list below. However, updates are made at least monthly for all projects and initiatives, as mentioned earlier in the document. Social media activity is detailed below in a calendar format, with monthly post tallies provided. Examples are included when appropriate.

TABLE 7: SOCIAL MEDIA MESSAGING/WEBSITE OUTREACH SAMPLE

Outreach Tool	Definition and Best Practices
Website/Online Social Media Messaging	Information on projects or initiatives located on the Valley Metro website or Valley Metro social channels (Instagram, Facebook, Twitter, LinkedIn)

Outreach Topic	FB	TW (X)	IG	Post Example
Mobile Fare/Copper Card	6	16	3	https://www.facebook.com/share/p/MHmYECEbdtAF5YSd/
Service Changes	3	1	3	https://www.facebook.com/share/v/s5EJJVQaJ8rDzQc1/
Future Projects	2	12	6	https://www.facebook.com/share/p/Z4EitS8vNNmX7eRZ/
Capitol Extension	5	2	1	https://www.facebook.com/share/p/m42MbM6A5b6jUuDR/
South Central Extension – Downtown Hub	6	3	4	https://www.facebook.com/share/p/BHnZ9dEPXUE5p9zg/
Single-Tracking/Construction	9	24	1	https://www.facebook.com/share/p/uNozdRSDtk3qcKdH/
Northwest Extension Phase II	0	5	2	https://x.com/valleymetro/status/1806376095727444278
Heat Relief	6	11	9	https://x.com/valleymetro/status/1807125013692059930

FIGURE 7: SOCIAL MEDIA MESSAGING SAMPLE



Public Hearings, Meetings, and Presentations

From July 2021 through June 2024, The City of Phoenix and Valley Metro held approximately 458 public meetings, hearings, events and presentations for our capital bus and rail projects, Bus Rapid Transit projects, Transit Orientated Development projects, fare collection modernization projects, and proposed service changes. These meetings are included in Table 8.

TABLE 8: PUBLIC OUTREACH EVENTS

Date	Event	Mode
7/13/2021	Friends of Transit Tuesday at Chino-Mex	Light Rail
7/15/2021	Construction Advisory Board North Meeting	Light Rail
7/15/2021	Northwest Extension Phase II Construction Advisory Board Public Meeting	Light Rail
7/20/2021	Metro District Community Collaboration meeting - Northwest Extension Phase II	Light Rail
7/29/2021	Northwest Extension Phase II 19North Metro District event planning	Light Rail
7/30/2021	Construction Advisory Board South Meeting	Light Rail
8/6/2021	Northwest Extension Phase II 19North Community Update	Light Rail
8/17/2021	Friends of Transit Tuesday at Fast and Friendly Carwash	Light Rail
8/19/2021	Construction Advisory Board North Meeting	Light Rail
8/19/2021	Northwest Extension Phase II Presentation - El Caro Block Watch	Light Rail
8/26/2021	Northwest Extension Phase II Transportation YOU AZ (Elizabeth Fretheim, Nikola)	Light Rail
8/27/2021	Construction Advisory Board South Meeting	Light Rail

8/27/2021	Northwest Extension Phase II Meeting Attendee - Councilmember O'Brien Monthly Breakfast	Light Rail
9/13/2021	Northwest Extension Phase II Construction Advisory Board Public Meeting	Light Rail
9/16/2021	Construction Advisory Board North Meeting	Light Rail
9/24/2021	Construction Advisory Board South Meeting	Light Rail
9/28/2021	Friends of Transit Tuesday at Outback Steakhouse	Light Rail
10/11/2021	Northwest Extension Phase II Construction Advisory Board Public Meeting	Light Rail
10/19/2021	October 2021 Route 0A Service Change In-Person Outreach	Bus
10/19/2021	October 2021 Route 8 Service Change In-Person Outreach	Bus
10/19/2021	October 2021 I-17 RAPID Service Change In-Person Outreach	Bus
10/19/2021	October 2021 SR-51 RAPID Service Change In-Person Outreach	Bus
10/19/2021	Northwest Extension Phase II - Metro District Community Meeting	Light Rail
10/20/2021	October 2021 Route 0A Service Change In-Person Outreach	Bus
10/20/2021	October 2021 Routes 7, 8 Service Change In-Person Outreach	Bus
10/20/2021	October 2021 I-17 RAPID Service Change In-Person Outreach	Bus
10/20/2021	October 2021 SR-51 RAPID Service Change In-Person Outreach	Bus
10/20/2021	October 2021 I-10W RAPID Service Change In-Person Outreach	Bus
10/20/2021	October 2021 I-10W RAPID Service Change In-Person Outreach	Bus
10/21/2021	October 2021 Route 7 Service Change In-Person Outreach	Bus
10/21/2021	Construction Advisory Board North Meeting	Light Rail
11/2/2021	Northwest Extension Phase II Grand Opening Adelante Healthcare West Phoenix	Light Rail
11/2/2021	Northwest Extension Phase II Presentation and Tour - Councilmember O'Brien	Light Rail
11/9/2021	April 2022 MARY Proposed Service Change In-Person Outreach at Desert Sky TC	Bus
11/10/2021	Northwest Extension Phase II Metro Business Alliance - Safety Committee	Light Rail
11/16/2021	April 2022 Proposed Service Change Virtual Public Hearing	Bus
11/16/2021	Northwest Extension Phase II 19 North Fall Trash Pick Up Event	Light Rail
11/18/2021	Construction Advisory Board North Meeting	Light Rail
11/30/2021	Friends of Transit Tuesday at South Central Nutrition	Light Rail
12/3/2021	Construction Advisory Board South Meeting	Light Rail
12/14/2021	Friends of Transit Tuesday at Jason's Deli	Light Rail
12/14/2021	Northwest Extension Phase II - Metro District Community Meeting Attendees	Light Rail
1/18/2022	Friends of Transit Tuesday at Trapper's Sushi	Light Rail
1/20/2022	Construction Advisory Board North Meeting	Light Rail
1/26/2022	Valley Metro Webinar: TC Toolkit – Everything You Need for TRP Success	Valley Metro
1/28/2022	Construction Advisory Board South Meeting	Light Rail
2/8/2022	Northwest Extension Phase II Presentation - Transportation YOU AZ	Light Rail

2/9/2022	Northwest Extension Phase II Presentation - Lake Biltmore Block Watch	Light Rail
2/9/2022	SCE Coffee with Kiewit	Light Rail
2/14/2022	Northwest Extension Phase II Construction Advisory Board Public Meeting	Light Rail
2/15/2022	Friends of Transit Tuesday at La Olmeca	Light Rail
2/17/2022	Construction Advisory Board North Meeting	Light Rail
2/23/2022	Northwest Extension Phase II -Community Bridges - Supportive Housing Development Town Hall Attendee	Light Rail
2/23/2022	Valley Metro Webinar: This is How We Roll	Valley Metro
2/25/2022	Construction Advisory Board South Meeting	Light Rail
3/17/2022	Construction Advisory Board North Meeting	Light Rail
3/18/2022	Friends of Transit Friday at Outback Steakhouse	Light Rail
3/18/2022	Northwest Extension Phase II - Community Bridges Town Hall	Light Rail
3/25/2022	Construction Advisory Board South Meeting	Light Rail
3/31/2022	Special Trackwork Installation Open House (virtual)	Light Rail
4/2/2022	Special Trackwork Installation Open House (City Scape)	Light Rail
4/5/2022	Special Trackwork Installation Open House (City Hall)	Light Rail
4/6/2022	Special Trackwork Installation Open House (Phoenix Convention Center)	Light Rail
4/9/2022	Maryvale Resource Fair	Bus
4/11/2022	Northwest Extension Phase II Construction Advisory Board Public Meeting	Light Rail
4/13/2022	Special Trackwork Installation Open House (virtual)	Light Rail
4/14/2022	Valley Metro Webinar: You Can Make a Difference this Earth Day with Tom Szaky	Valley Metro
4/15/2022	Friends of Transit Friday at Gino's Pizza	Light Rail
4/18/2022	Casa Pedro Ruiz MARY Circulator Presentation	Bus
4/20/2022	Northwest Extension Phase II Presentation - North Mountain Village Planning Committee	Light Rail
4/21/2022	Construction Advisory Board North Meeting	Light Rail
4/27/2022	Valley Metro Webinar: Navigating Construction Valley-Wide	Valley Metro
4/28/2022	Construction Advisory Board North & South Construction Sites Tour	Light Rail
4/29/2022	Construction Advisory Board South Meeting	Light Rail
5/1/2022	Cinco de Mayo 2022	Light Rail
5/10/2022	Engineers of the Future - VH Lassen Elementary	Light Rail
5/10/2022	Friends of Transit Tuesday at Oasis Raspados	Light Rail
5/11/2022	SCE Coffee with Kiewit	Light Rail
5/12/2022	Valley Metro Webinar: Best Workplaces for Commuters Program	Valley Metro
5/18/2022	October 2022 Proposed Service Changer Public Hearing	Bus
5/19/2022	Construction Advisory Board North Meeting	Light Rail
5/25/2022	Valley Metro Webinar: Vanpools – Transit’s Secret Weapon	Valley Metro
5/27/2022	Construction Advisory Board South Meeting	Light Rail

6/9/2022	Maryvale Village Planning Committee MARY Circulator Presentation	Bus
6/16/2022	Construction Advisory Board North Meeting	Light Rail
6/17/2022	Friends of Transit Friday at Cake Lady Studios & Events	Light Rail
6/22/2022	Valley Metro Webinar: Preparing for Your TRP Monitoring Session	Valley Metro
6/24/2022	Construction Advisory Board South Meeting	Light Rail
7/11/2022	Central Park Neighborhood Association Meeting	Light Rail
7/12/2022	Friends of Transit Tuesday at The Desmond Spirits & Oven	Light Rail
7/14/2022	Valley Metro Webinar: Special session - Change Management for Today's World	Valley Metro
7/21/2022	Northwest Extension Phase II - Meeting Attendee - Metro District Safety Meeting	Light Rail
7/22/2022	Construction Advisory Board North Meeting	Light Rail
7/27/2022	Valley Metro Webinar: Winning Advice – Clean Air Campaign Awards Nominations	Valley Metro
7/29/2022	Construction Advisory Board South Meeting	Light Rail
8/10/2022	SCE Coffee with Kiewit	Light Rail
8/18/2022	Northwest Extension Phase II Chillin' With A Cop	Light Rail
8/22/2022	Construction Advisory Board North Meeting	Light Rail
8/24/2022	Valley Metro Webinar: Getting There: Fun ways to promote alternative modes	Valley Metro
8/26/2022	Construction Advisory Board South Meeting	Light Rail
9/13/2022	Friends of Transit Tuesday at Ultra Suds	Light Rail
9/14/2022	DASH Phase 1 Public Engagement- Online Survey	Bus
9/14/2022	DASH Phase 1 Online Survey Email Blasé	Bus
9/15/2022	Construction Advisory Board North Meeting	Light Rail
9/20/2022	Central Park Neighborhood Association Meeting	Light Rail
9/21/2022	DASH Circulator Outreach	Bus
9/22/2022	DASH Circulator Outreach	Bus
9/22/2022	Capitol Extension Project Presentation	Light Rail
9/23/2022	DASH Circulator Outreach	Bus
9/28/2022	DASH Phase 1 Public Engagement- Meeting	Bus
9/28/2022	Valley Metro Webinar: Let Share The Ride Support Your Efforts	Valley Metro
9/30/2022	Construction Advisory Board South Meeting	Light Rail
10/3/2022	Public Engagement Survey	BRT
10/4/2022	Northwest Extension Phase II - Cactus Wren Block Watch Northwest Extension Phase II Presentation	Light Rail
10/10/2022	Northwest Extension Phase II Construction Advisory Board Public Meeting	Light Rail
10/13/2022	Northwest Extension Phase II Presentation - Flores (Transportation YOU AZ)	Light Rail
10/19/2022	Friends of Transit Wednesday at El Mesquite Cocina Mexicana	Light Rail
10/20/2022	Construction Advisory Board North Meeting	Light Rail
10/20/2022	Transportation YOU AZ (ADOT Traffic Operations Center Tour)	Light Rail

10/22/2022	GAIN (Washington Activity Center)	Light Rail
10/23/2022	Valley Metro Webinar: TRP Unmasked: Who Does What?	Valley Metro
10/28/2022	Construction Advisory Board South Meeting	Light Rail
11/4/2022	Train the Travel Trainer Workshop	Valley Metro
11/6/2022	Maryvale Village Planning Committee MARY Circulator Presentation	Bus
11/8/2022	Northwest Extension Phase II Presentation - Lake Biltmore Block Watch	Light Rail
11/8/2022	Transportation YOU AZ Presentation (Jessica Mefford-Miller, VM CEO)	Light Rail
11/14/2022	Northwest Extension Phase II Construction Advisory Board Public Meeting	Light Rail
11/15/2022	Friends of Transit Tuesday at EZ Bachi	Light Rail
11/16/2022	Supplemental Business Survey	BRT
11/16/2022	April 2023 Proposed Service Change Public Hearing	Bus
11/16/2022	Valley Metro Webinar: Managing the TRP Annual Survey	Valley Metro
11/17/2022	Construction Advisory Board North Meeting	Light Rail
11/18/2022	Construction Advisory Boards November 2022 OMC Tour	Light Rail
11/29/2022	Construction Advisory Board South Meeting	Light Rail
12/1/2022	Central Park Neighborhood Association Meeting	Light Rail
12/3/2022	Fiesta on Central 2022	Light Rail
12/6/2022	APTA Northwest Extension Phase II Corridor Tour	Light Rail
12/7/2022	Lansford (Transportation YOU AZ)	Light Rail
12/13/2022	Friends of Transit Tuesday at Jason's Deli	Light Rail
1/9/2023	DASH Phase 2 Public Engagement- Central City Village Planning Committee	Bus
1/9/2023	DASH Phase 2 Public Engagement- Meeting	Bus
1/9/2023	Northwest Extension Phase II Construction Advisory Board Public Meeting	Light Rail
1/9/2023	Northwest Extension Phase II Construction Advisory Board Public Meeting	Light Rail
1/12/2023	VMAAG ADA Station Testing	Light Rail
1/13/2023	DASH Phase 2 Public Engagement- Online Survey	Bus
1/13/2023	Northwest Extension Phase II Corridor Tour for Construction Advisory Board Members	Light Rail
1/19/2023	Construction Advisory Board North Meeting	Light Rail
1/20/2023	Friends of Transit Friday at Poncho's	Light Rail
1/25/2023	Valley Metro Webinar: Resource Review – Set Yourself Up for TRP Success	Valley Metro
1/27/2023	Construction Advisory Board South Meeting	Light Rail
1/31/2023	Grand 35/Indian School In-Person Meeting at Alhambra HS	BRT
1/31/2023	DASH Phase 2 Public Engagement- Phoenix Community Alliance Multi-Modal Connectivity Meeting	Bus
2/7/2023	Valley Wise	Light Rail-TOD
2/16/2023	Construction Advisory Board North Meeting	Light Rail

2/17/2023	Train the Travel Trainer Workshop	Valley Metro
2/24/2023	Construction Advisory Board South Meeting	Light Rail
2/28/2023	DASH Phase 2 Public Engagement- Phoenix Community Alliance Multi-Modal Connectivity Meeting	Bus
2/28/2023	Friends of Transit Tuesday at Subway	Light Rail
3/3/2023	Construction Advisory Boards Construction Site Tour	Light Rail
3/9/2023	West Phoenix Alternative Analysis In-Person Meeting at Trevor Brown HS	BRT
3/9/2023	West Phoenix Alternatives Analysis Public Meeting (Trevor G. Browne High School)	HCT
3/13/2023	Northwest Extension Phase II Construction Advisory Board Public Meeting	Light Rail
3/16/2023	West Phoenix Alternatives Analysis Virtual Public Meeting	BRT
3/16/2023	Construction Advisory Board North Meeting	Light Rail
3/16/2023	West Phoenix Alternatives Analysis Public Meeting (Virtual)	HCT
3/18/2023	West Phoenix Alternatives Analysis In-Person Public Meeting at Maryvale Community Center	BRT
3/18/2023	West Phoenix Alternatives Analysis Public Meeting (Desert West Community Center)	HCT
3/20/2023	District 1 Community Meeting at the DoubleTree by Hilton Phoenix North at Metrocenter	BRT
3/20/2023	Engineers of the Future Launch	Light Rail
3/21/2023	BRT Online Meeting and Survey	BRT
3/21/2023	In-Person meeting at Carl Hayden Community High School	BRT
3/22/2023	Valley Metro Webinar: Let's Get Engaged	Valley Metro
3/22/2023	Valley Metro Webinar: Rolling Toward Valley Bike Month	Valley Metro
3/23/2023	Alhambra Neighborhood Association Meeting at the Alhambra Elementary School District	BRT
3/24/2023	Friends of Transit Friday at Crazy Jim's	Light Rail
3/28/2023	In-Person Public Meeting at Trinity United Methodist Church	BRT
3/28/2023	Capitol Extension at PCA Multi-modal Connectivity Committee (MMCA)	Light Rail
3/31/2023	Construction Advisory Board South Meeting	Light Rail
4/3/2023	West Phoenix Alternatives Analysis Presentation to Encanto VPC	HCT
4/4/2023	BRT Virtual Public Meeting in English and Spanish	BRT
4/10/2023	Met with Cade Johnson owner of Gorman Cooler Supply	BRT
4/10/2023	Northwest Extension Phase II Construction Advisory Board Public Meeting	Light Rail
4/11/2023	Pop-Up Event at Metrocenter Transit Center	BRT
4/11/2023	Friends of Transit Tuesday at La Olmea	Light Rail
4/11/2023	West Phoenix Alternatives Analysis / District 4 Community Chat at Neveria Chayos	HCT
4/12/2023	District 4 Community Chat at Neveria Chayos	BRT

4/12/2023	In-Person Public Meeting at the Maryvale Village Planning Committee at the Desert West Community Center	BRT
4/12/2023	West Phoenix Alternatives Analysis Maryvale Village Planning Committee Presentation	HCT
4/12/2023	West Phoenix Alternatives Analysis Maryvale VPC Presentation	HCT
4/13/2023	In-Person Pop-Up Event at the Central Station Transit Center	BRT
4/13/2023	In-Person Public Meeting with North Glen Square Neighborhood Association at Trinity United Methodist Church	BRT
4/17/2023	Central City Village Planning Committee Meeting at Phoenix Elementary School District	BRT
4/17/2023	Capitol Extension Central City VPC Presentation	Light Rail
4/18/2023	April 2023 Route 28 In-Person Outreach	Bus
4/18/2023	April 2023 Route 61 In-Person Outreach	Bus
4/19/2023	In-Person Meeting with North Mountain Village Planning Committee	BRT
4/19/2023	April 2023 Route 28 In-Person Outreach	Bus
4/19/2023	April 2023 Route 61 In-Person Outreach	Bus
4/20/2023	April 2023 Route 28 In-Person Outreach	Bus
4/20/2023	April 2023 Route 61 In-Person Outreach	Bus
4/20/2023	Valley Metro Webinar: Make This Earth Day Matter with Tom Szaky	Valley Metro
4/24/2023	April 2023 Route 28 In-Person Outreach	Bus
4/24/2023	April 2023 Route 61 In-Person Outreach	Bus
4/24/2023	West Phoenix Alternatives Analysis Public Meeting (Desert West Community Center)	HCT
4/25/2023	DASH Phase 3 Public Engagement- Phoenix Community Alliance Multi-Modal Connectivity Meeting	Bus
4/25/2023	West Phoenix Alternatives Analysis Alhambra Village Planning Committee Presentation	HCT
4/26/2023	Valley Metro Webinar: Managing Multiple Travel Reduction Program (TRP) Sites	Valley Metro
4/28/2023	Construction Advisory Board South Meeting	Light Rail
5/7/2023	South Central TOC/WU Code Education- Online Survey	Light Rail- TOD
5/8/2023	South Central TOC/WU Code Education- Lincoln/Central area	Light Rail- TOD
5/9/2023	Friends of Transit Tuesday at Dog Haus	Light Rail
5/10/2023	October 2023 Proposed Service Change- Route 19 In-Person Outreach	Bus
5/10/2023	October 2023 Proposed Service Change- Route 70 In-Person Outreach	Bus
5/10/2023	October 2023 Proposed Service Change- DASH In-Person Outreach	Bus
5/11/2023	October 2023 Proposed Service Change- Route 0 In-Person Outreach	Bus
5/11/2023	October 2023 Proposed Service Change- Route 3 In-Person Outreach	Bus
5/11/2023	October 2023 Proposed Service Change- Route 7 In-Person Outreach	Bus
5/11/2023	October 2023 Proposed Service Change- Route 19 In-Person Outreach	Bus
5/12/2023	October 2023 Proposed Service Change- Route 0 In-Person Outreach	Bus

5/12/2023	October 2023 Proposed Service Change- Route 3 In-Person Outreach	Bus
5/12/2023	October 2023 Proposed Service Change- Route 70 In-Person Outreach	Bus
5/13/2023	Capitol Extension 15% Design Public Meeting	Light Rail
5/16/2023	October 2023 Proposed Service Change- Route 0 In-Person Outreach	Bus
5/16/2023	October 2023 Proposed Service Change- Route 3 In-Person Outreach	Bus
5/16/2023	October 2023 Proposed Service Change- Route 35 In-Person Outreach	Bus
5/17/2023	October 2023 Proposed Service Change- Route 7 In-Person Outreach	Bus
5/17/2023	October 2023 Proposed Service Change- Route 19 In-Person Outreach	Bus
5/17/2023	October 2023 Proposed Service Change- Route 35 In-Person Outreach	Bus
5/17/2023	October 2023 Proposed Service Change- DASH In-Person Outreach	Bus
5/18/2023	October 2023 Proposed Service Change- Route 7 In-Person Outreach	Bus
5/18/2023	Construction Advisory Board North Meeting	Light Rail
5/22/2023	October 2023 Proposed Service Change- Route 0 In-Person Outreach	Bus
5/22/2023	October 2023 Proposed Service Change- Route 7 In-Person Outreach	Bus
5/22/2023	October 2023 Proposed Service Change- Route 19 In-Person Outreach	Bus
5/22/2023	October 2023 Proposed Service Change- Route 35 In-Person Outreach	Bus
5/23/2023	October 2023 Proposed Service Change- Route 0 In-Person Outreach	Bus
5/23/2023	October 2023 Proposed Service Change- Route 7 In-Person Outreach	Bus
5/24/2023	October 2023 Proposed Service Change- Route 35 In-Person Outreach	Bus
5/24/2023	October 2023 Proposed Service Change- DASH In-Person Outreach	Bus
5/24/2023	Capitol Extension 15% Design Public Meeting (Virtual)	Light Rail
5/24/2023	October 2023 Proposed Service Changes Hybrid Public Hearing	Bus
5/24/2023	Valley Metro Webinar: Vanpools: Transit's Secret Weapon	Valley Metro
5/25/2023	Capitol Extension 15% Design Public Meeting (Virtual)	Light Rail
5/26/2023	Construction Advisory Board South Meeting	Light Rail
6/1/2023	West Phoenix Outreach Event at El Oso Park	HCT
6/3/2023	West Phoenix Outreach Event at Mariposa Park	HCT
6/12/2023	Northwest Extension Phase II Construction Advisory Board Public Meeting	Light Rail
6/13/2023	Friends of Transit Tuesday at Ultra Suds	Light Rail
6/16/2023	South Central TOC/WU Code Education- Audubon/Central area	Light Rail-TOD
6/21/2023	South Central TOC/WU Code Education- Broadway/Central Station area	Light Rail-TOD
6/26/2023	South Central TOC/WU Code Education- Roeser/Central Station area	Light Rail-TOD
6/27/2023	South Central TOC/WU Code Education- Southern/Central area	Light Rail-TOD
6/27/2023	West Phoenix Alternatives Analysis Public Meeting	HCT
6/28/2023	West Phoenix Alternatives Analysis Public Meeting (Virtual)	HCT
6/29/2023	District 4 Community Meeting	BRT
6/29/2023	South Central TOC/WU Code Education- Baseline/Central area	Light Rail-TOD

6/30/2023	South Central TOC/WU Code Education- Downtown Phoenix Central Hub	Light Rail-TOD
6/30/2023	Construction Advisory Board South Meeting	Light Rail
7/7/2023	South Central TOC/WU Code Education- Buckeye/Central Station area	Light Rail-TOD
7/10/2023	West Phoenix Alternatives Analysis Encanto VPC Presentation	HCT
7/12/2023	West Phoenix Alternatives Analysis Maryvale VPC Presentation	HCT
7/18/2023	Friends of Transit Tuesday at Taqueria Tepehuaje	Light Rail
7/20/2023	Construction Advisory Board North Meeting	Light Rail
7/25/2023	West Phoenix Alternatives Analysis Alhambra VPC Presentation	HCT
7/26/2023	Valley Metro Webinar: Winning Advice – Clean Air Campaign Nominations	Valley Metro
7/28/2023	Construction Advisory Board South Meeting	Light Rail
7/29/2023	West Phoenix D5 Back to School Backpack Event	HCT
8/2/2023	Fare System Upgrades Public Hearing	Valley Metro
8/8/2023	Capitol Extension Public Art Services: Pre-Submittal Conference	Light Rail
8/8/2023	Friends of Transit Tuesday at The Yard Milkshake Bar	Light Rail
8/17/2023	Construction Advisory Board North Meeting	Light Rail
8/23/2023	Valley Metro Webinar: Is Prop 400E for Me?	Valley Metro
9/20/2023	North Mountain Village Planning Committee	Light Rail-TOD
9/20/2023	Friends of Transit Tuesday at Central BBQ House	Light Rail
9/21/2023	Construction Advisory Board North Meeting	Light Rail
9/21/2023	West Phoenix Alternatives Analysis Public Meeting (Virtual)	HCT
9/26/2023	West Phoenix Alternatives Analysis Alhambra VPC Presentation	HCT
9/27/2023	Valley Metro Webinar: Supporting the Bunny Slipper Brigade: Managing Work-at-Home Programs	Valley Metro
9/27/2023	West Phoenix Alternatives Analysis Public Meeting (Desert West Community Center)	HCT
9/29/2023	Construction Advisory Board South Meeting	Light Rail
10/2/2023	West Phoenix Alternatives Analysis Encanto VPC Presentation	HCT
10/4/2023	19North Community Alliance Meeting	Light Rail-TOD
10/4/2023	Northwest Extension Phase II Public Meeting - 19North Community Alliance Update	Light Rail
10/10/2023	Friends of Transit Tuesday at Sticklers	Light Rail
10/11/2023	West Phoenix Alternatives Analysis Maryvale VPC Presentation	HCT
10/12/2023	West Phoenix Alternatives Analysis Public Meeting (Adam Diaz Senior Center)	HCT
10/17/2023	October 2023 Route 3 Outreach	Bus
10/17/2023	October 2023 Route 7 Outreach	Bus
10/17/2023	October 2023 Route 70 Outreach	Bus
10/18/2023	October 2023 Route 3 Outreach	Bus

10/18/2023	October 2023 Route 7 Outreach	Bus
10/18/2023	October 2023 Route 19 Outreach	Bus
10/18/2023	October 2023 Route 35 Outreach	Bus
10/18/2023	North Mountain Village Planning Committee	Light Rail- TOD
10/19/2023	October 2023 Route 3 Outreach	Bus
10/19/2023	October 2023 Route 7 Outreach	Bus
10/19/2023	October 2023 Route 19 Outreach	Bus
10/19/2023	October 2023 Route 27 Outreach	Bus
10/19/2023	October 2023 Route 35 Outreach	Bus
10/19/2023	October 2023 Route 70 Outreach	Bus
10/19/2023	Construction Advisory Board North Meeting	Light Rail
10/20/2023	Construction Advisory Boards worksite tour	Light Rail
10/25/2023	Valley Metro Webinar: Transit 101	Valley Metro
10/27/2023	Construction Advisory Board South Meeting	Light Rail
10/28/2023	Alta Vista Neighborhood Block Watch GAIN Event	Light Rail- TOD
11/3/2023	First Friday Career Fair - Cortez High School	Light Rail- TOD
11/6/2023	Northwest Extension Phase II Presentation - Metro Block Watch	Light Rail
11/6/2023	Northwest Extension Phase II Presentation and Tour - MPact Conference	Light Rail
11/10/2023	First Watch	Light Rail- TOD
11/14/2023	Friends of Transit Tuesday at Red Velvet Bakery	Light Rail
11/14/2023	Trunk or Treat 2023	Light Rail
11/15/2023	April 2024 Proposed Service Change Hybrid Public Hearing	Bus
11/16/2023	Construction Advisory Board North Meeting	Light Rail
11/17/2023	Thelda Williams Transit Center Dedication and Memorial	Light Rail
11/18/2023	Fiesta on Central 2023	Light Rail
11/22/2023	Thrive Point High School	Light Rail- TOD
12/1/2023	Train the Travel Trainer Workshop	Valley Metro
12/1/2023	Construction Advisory Board South Meeting	Light Rail
12/5/2023	General Plan Symposium- Surveys	Light Rail- TOD
12/19/2023	Shaw Butte Neighborhood Alliance Open House	Light Rail- TOD
12/20/2023	Canvassing Multiple Businesses	Light Rail- TOD
12/20/2023	Friends of Transit Wednesday at Gino's Pizza	Light Rail
1/4/2024	NWEII Community Tour	Light Rail- TOD

1/4/2024	Thelda Williams Transit Center and Metro Parkway Station Tour for Community Organizations	Light Rail
1/5/2024	Thelda Williams Transit Center and Metro Parkway Station Tour for VM and COP Staff (Night Tour)	Light Rail
1/9/2024	Lake Biltmore Block Watch	Light Rail-TOD
1/9/2024	Northwest Extension Phase II Presentation - Lake Biltmore Block Watch (Project Train Testing and Opening)	Light Rail
1/11/2024	Thelda Williams Transit Center and Metro Parkway Station Tour for Industry Members	Light Rail
1/12/2024	Thelda Williams Transit Center and Metro Parkway Station Tour for Local School Administrators and City of Phoenix Staff	Light Rail
1/13/2024	Superhero Saturday and Metro District Office Grand Opening	Light Rail-TOD
1/13/2024	Superhero Saturday	Light Rail
1/16/2024	Bell Road Business Alliance Meeting	Light Rail-TOD
1/16/2024	Friends of Transit Tuesday at EZBachi	Light Rail
1/18/2024	Construction Advisory Board North Meeting	Light Rail
1/19/2024	Si Se Puede/Maricopa County	Light Rail-TOD
1/22/2024	Metrocenter Transit Center Relocation Outreach	Bus
1/23/2024	Metrocenter Transit Center Relocation Outreach	Bus
1/23/2024	Advance Community Organization	Light Rail-TOD
1/24/2024	Metrocenter Transit Center Relocation Outreach	Bus
1/24/2024	Northwest Extension Phase II Presentation - Cactus Park Community Alliance Presentation	Light Rail
1/24/2024	Valley Metro Webinar: New Year - New Start: Set Yourself Up for TRP Success Webinar	Valley Metro
1/25/2024	Metrocenter Transit Center Relocation Outreach	Bus
1/25/2024	Northwest Extension Phase II Presentation - VMAAG Project Presentation	Light Rail
1/26/2024	Metrocenter Transit Center Relocation Outreach	Bus
1/27/2024	Light Rail Grand Opening Event	Light Rail-TOD
1/27/2024	Northwest Extension Phase II Opening Celebration	Light Rail
1/29/2024	District One Councilmember O'Brien Community Meeting	Light Rail-TOD
1/30/2024	North Phoenix Chamber of Commerce	Light Rail-TOD
1/30/2024	Northwest Extension Phase II Presentation - North Phoenix Chamber of Commerce	Light Rail

1/31/2024	Try Me Bicycle Event	Light Rail-TOD
2/1/2024	Phoenix West Rotary Club	Light Rail-TOD
2/1/2024	Northwest Extension Phase II Presentation - Phoenix West Rotary Club	Light Rail
2/3/2024	Future Phoenix High-Capacity Transit Projects Meeting at Burton Barr Central Library	BRT
2/3/2024	Future Phoenix High-Capacity Transit Projects Joint COP/VM	Light Rail-TOD
2/3/2024	Valley Metro/City of Phoenix Future High-capacity Transit Projects	Light Rail-TOD
2/3/2024	Future Phoenix High-Capacity Transit Public Meeting #1 (Burton Barr Library)	Light Rail
2/5/2024	Metro Block Watch	Light Rail-TOD
2/7/2024	Coffee with a Cop – Cactus Park	Light Rail-TOD
2/8/2024	Future Phoenix High-Capacity Transit Projects Meeting at the Desert West Community Center	BRT
2/8/2024	Future Phoenix High-Capacity Transit Projects Joint COP/VM	Light Rail-TOD
2/8/2024	City of Phoenix Isaac Redevelopment Area Meeting	Light Rail-TOD
2/8/2024	Valley Metro/City of Phoenix Future High-capacity Transit Projects	Light Rail-TOD
2/8/2024	Future Phoenix High-Capacity Transit Public Meeting #2 (Desert West Community Center)	Light Rail
2/9/2024	Cafecito con los oficiales	Light Rail-TOD
2/13/2024	Salud en Balance	Light Rail-TOD
2/13/2024	Friends of Transit Tuesday at El Tacazo	Light Rail
2/14/2024	Wesley Community & Health Center at Golden Gate	Light Rail-TOD
2/14/2024	I17-51st Ave School Canvassing	Light Rail-TOD
2/14/2024	Valley Metro Webinar: Vanpool Program Changes You'll Love Webinar	Valley Metro
2/15/2024	Future Phoenix High-Capacity Transit Projects Virtual Meeting	BRT
2/15/2024	Future Phoenix High-Capacity Transit Projects Joint COP/VM	Light Rail-TOD
2/15/2024	Valley Metro/City of Phoenix Future High-capacity Transit Projects	Light Rail-TOD
2/15/2024	Transqueer Pueblo	Light Rail-TOD

2/15/2024	Future Phoenix High-Capacity Transit Public Meeting #3 (Virtual)	Light Rail
2/16/2024	Construction Advisory Board North Meeting	Light Rail
2/21/2024	Isaac Middle School	Light Rail-TOD
2/21/2024	Wesley Community & Health Center at Golden Gate	Light Rail-TOD
2/22/2024	Neighborhood Ministries	Light Rail-TOD
2/23/2024	Construction Advisory Board South Meeting	Light Rail
2/26/2024	Community Engagement Workshop- Cortez High School	Light Rail-TOD
2/27/2024	Community Engagement Workshop- Cortez High School	Light Rail-TOD
2/27/2024	Community Engagement Mini-Workshop- Phoenix City Hall Atrium	Light Rail-TOD
2/27/2024	West Phoenix Alternatives Analysis Alhambra VPC Presentation	HCT
2/28/2024	Community Engagement Workshop- Cortez High School	Light Rail-TOD
2/28/2024	Planners Day	Light Rail-TOD
2/28/2024	Westwood Elementary School	Light Rail-TOD
2/28/2024	Valley Metro Webinar: Exploring E-Bikes and Valley Bike Month	Valley Metro
2/28/2024	West Phoenix Alternatives Analysis Public Meeting (Westwood Elementary School)	HCT
2/29/2024	Community Engagement Workshop- Cortez High School	Light Rail-TOD
2/29/2024	Issac School District- Presentation	Light Rail-TOD
2/29/2024	Desert West Community Center- Presentation	Light Rail-TOD
2/29/2024	West Phoenix Alternatives Analysis Public Meeting (Desert West Community Center)	HCT
3/2/2024	Community Engagement Workshop- Cortez High School	Light Rail-TOD
3/4/2024	West Phoenix Alternatives Analysis Encanto VPC Presentation	HCT
3/5/2024	Capitol Elementary School	Light Rail-TOD
3/5/2024	West Phoenix Alternatives Analysis District 4 Coffee Chat Presentation	HCT
3/6/2024	Oakland Neighborhood Association	Light Rail-TOD
3/6/2024	West Phoenix Alternatives Analysis Public Meeting (Virtual)	HCT
3/7/2024	Unlimited Potential- Project Presentation	Light Rail-TOD

3/13/2024	Park RX- Project Presentation	Light Rail- TOD
3/13/2024	West Phoenix Alternatives Analysis Maryvale VPC Presentation	HCT
3/18/2024	Carl Hayden- Project Presentation	Light Rail- TOD
3/19/2024	Friends of Transit Tuesday at La Tapatia	Light Rail
3/20/2024	Si Se Puede- Project Presentation	Light Rail- TOD
3/21/2024	Human Services Campus/Key to Change- Project Presentation	Light Rail- TOD
3/22/2024	Construction Advisory Board North Meeting	Light Rail
3/25/2024	Puente Human Rights Movement- Project Presentation	Light Rail- TOD
3/27/2024	Transit Fare Modernization News	Valley Metro
3/29/2024	Construction Advisory Board South Meeting	Light Rail
4/9/2024	Friends of Transit Tuesday at El Portal	Light Rail
4/17/2024	Fare System Town Hall - Phoenix (Ability360)	Valley Metro
4/18/2024	Valley Metro Webinar: Be an Earth Day Hero! LIVE presentation by Tom Szaky	Valley Metro
4/20/2024	Fiesta on Central 2024	Light Rail
4/21/2024	Poder Latinx Earth Day Block Party- Project Presentation	Light Rail- TOD
4/24/2024	Fare System Town Hall - Tempe (Tempe Transportation Center)	Valley Metro
4/24/2024	Valley Metro Webinar: Location 1, 2, 3: Managing Multiple Travel Reduction Program (TRP) Sites	Valley Metro
4/25/2024	Carl Hayden High School Dual Registration Event- Project Presentation	Light Rail- TOD
4/25/2024	Fare System Town Hall - Virtual	Valley Metro
4/26/2024	Construction Advisory Board South Meeting	Light Rail
4/27/2024	Poder In Action: The Pueblo's Resource Fair- Project Presentation	Light Rail- TOD
5/1/2024	Fare System Town Hall - Mesa (Mesa Main Library)	Valley Metro
5/2/2024	First Things First- Project Presentation	Light Rail- TOD
5/4/2024	Fare System Town Hall - Chandler (Chandler Downtown Library)	Valley Metro
5/5/2024	Cinco de Mayo 2024	Light Rail
5/6/2024	Isaac Middle School- Project Presentation	Light Rail- TOD
5/7/2024	Friends of Transit Tuesday at La Olmeca	Light Rail
5/8/2024	Maryvale Village Planning Committee- Project Presentation	Light Rail- TOD
5/9/2024	Fare System Town Hall - Peoria (Peoria Community Center)	Valley Metro
5/10/2024	YWCA: Building Bridges Forum- Project Presentation	Light Rail- TOD

5/11/2024	Downtown Voices Coalition- Project Presentation	Light Rail-TOD
5/11/2024	Fare System Town Hall - Glendale (GESD System of Care Center)	Valley Metro
5/15/2024	Artsline - CAPEX Informational Meeting	Light Rail
5/15/2024	Fare System Town Hall - Phoenix (Ability360)	Valley Metro
5/16/2024	Construction Advisory Board North Meeting	Light Rail
5/18/2024	Wesley Community & Health Center: Summer Safety Event- Project Presentation	Light Rail-TOD
5/18/2024	PoderLatinx: Mother's Day Event- Workshop	Light Rail-TOD
5/18/2024	Valley Metro/City of Phoenix Capitol District Projects (Design & TOC)- Workshop	Light Rail-TOD
5/18/2024	Capitol Extension Public Meeting (Capitol Elementary School)	Light Rail
5/18/2024	Fare System Town Hall - Scottsdale (Civic Center Library)	Valley Metro
5/20/2024	Valley Metro/City of Phoenix Capitol District Projects (Design & TOC)- Workshop	Light Rail-TOD
5/20/2024	Capitol Extension Public Meeting (Virtual)	Light Rail
5/21/2024	Community Engagement Planning Workshop	Light Rail-TOD
5/21/2024	Capitol District Workshop 1A Morning & Evening Sessions	Light Rail
5/21/2024	Fare System Town Hall - Avondale (Civic Center Library)	Valley Metro
5/22/2024	Community Engagement Planning Workshop- Spanish	Light Rail-TOD
5/22/2024	Capitol District Workshop 1A Morning & Evening Sessions	Light Rail
5/22/2024	Fare System Town Hall - Phoenix (South Mountain Community Center)	Valley Metro
5/22/2024	October 2024 Proposed Service Changes Hybrid Public Hearing	Bus
5/22/2024	Valley Metro Webinar: Oh, No, It's Ozone Season + Fare Collection System Modernization	Valley Metro
5/25/2024	Listening Session	Light Rail-TOD
5/30/2024	Fare System Town Hall - Virtual	Valley Metro
5/31/2024	Construction Advisory Board South Meeting	Light Rail
6/1/2024	Fare System Town Hall - Phoenix (Sunnyslope Community Center)	Valley Metro
6/3/2024	Friends of Transit Monday at El Nuevo Taquito	Light Rail
6/19/2024	Midtown Neighborhood Association Meeting	Valley Metro
6/21/2024	Construction Advisory Board North Meeting	Light Rail
6/26/2024	Valley Metro Webinar: Transportation Coordinator Boot Camp	Valley Metro
6/28/2024	Construction Advisory Board South Meeting	Light Rail

Conclusion

The examples provided in this narrative outline the overall framework of the community outreach efforts conducted by the City of Phoenix and Valley Metro. These methods are reviewed on a triennial basis. Please refer to the Title VI Public Participation Plan for special considerations regarding community outreach to non-English speakers, low income, and minority groups. Although not included in this list, paid targeted social media, surveys, news media releases and marketing advertisements are also commonly used as communication tools that support the public involvement process.

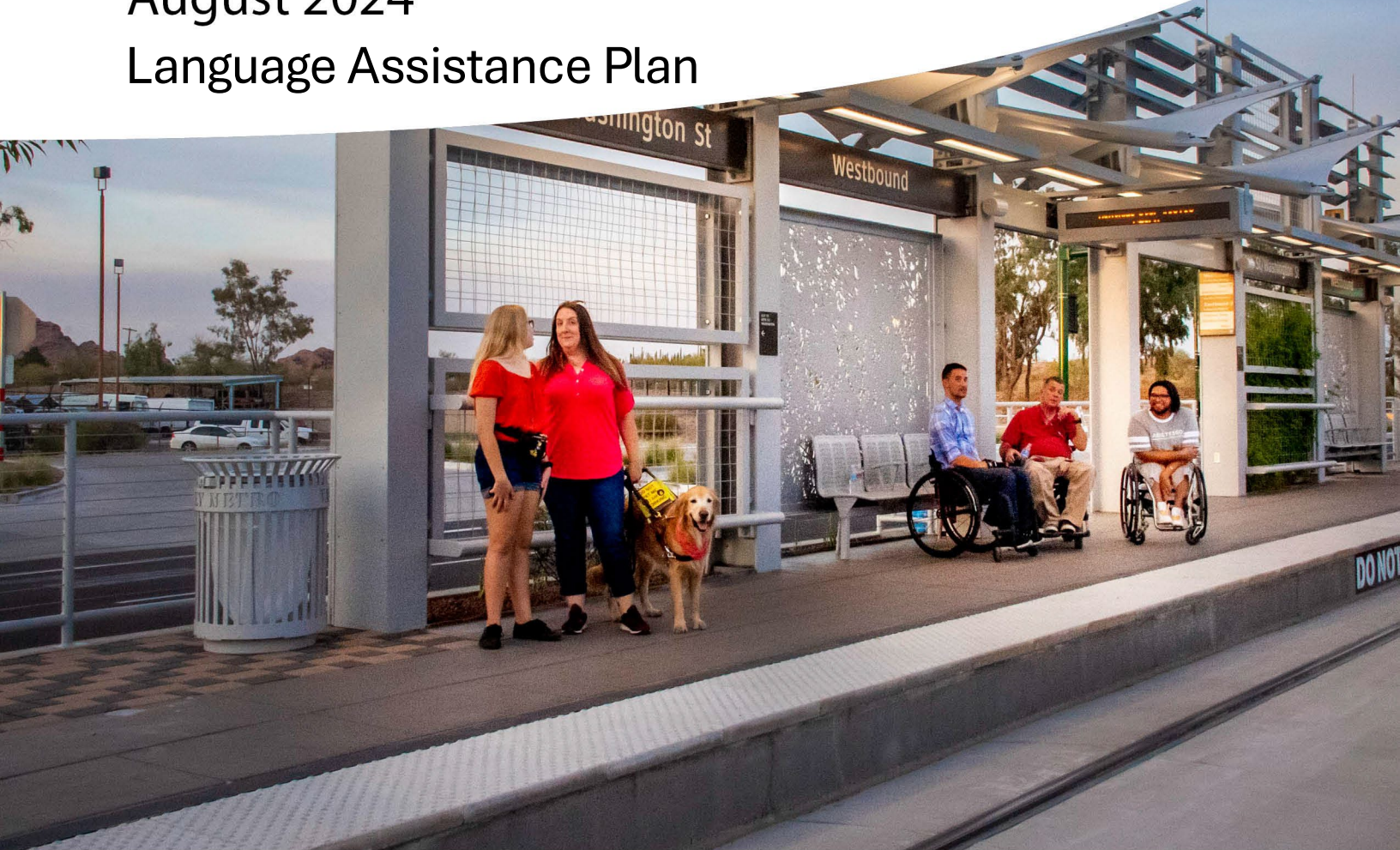
The City of Phoenix and Valley Metro conduct public outreach throughout the year to engage the public in agency activities and the transit planning process. Outreach methods are consistently evaluated for impact, effectiveness, and alignment with developing industry best practices. The City of Phoenix and Valley Metro are committed to involving all communities, ensuring inclusivity of all populations throughout the region, and complying with federal regulations.

VALLEY METRO

Title VI Program

August 2024

Language Assistance Plan



AUGUST 2024



1.0 INTRODUCTION

In 1993, the Valley Metro Regional Public Transportation Authority (RPTA) board adopted the name “Valley Metro” as the identity for the regional transit system in the Phoenix metropolitan area. Under the Valley Metro brand, local governments joined to fund the Valley-wide transit system that serves more than 36 million rides annually. Valley Metro provides fixed-route bus service, light rail service, streetcar service and complementary paratransit service across the region. Valley Metro provides services with and distributes transit funds from the countywide transit sales tax to its member agencies including Maricopa County and the cities of Tempe, Mesa, Glendale, Phoenix, Buckeye, Tolleson, Wickenburg, Surprise, Peoria, Chandler, Gilbert, El Mirage, Avondale, Goodyear, Scottsdale, Fountain Hills, Queen Creek, and Youngtown. For the most part, Valley Metro and its member agencies use private service providers for the operation of bus, light rail and paratransit services. The Cities of Glendale, Scottsdale, Peoria and Phoenix contract some of their service directly to service providers.

Currently, fixed-route transit service in the metropolitan area is operated by the City of Phoenix, Valley Metro, Scottsdale and Glendale. There is a total of 872 fixed-route buses, 61 light rail vehicles and 6 streetcar vehicles operating in the region.

The regional transit system has 61 local bus routes that consist of the following: 45 local bus routes, 15 key local bus routes and 1 limited-stop peak route. The region also has 19 Express/RAPID routes, 17 community circulator routes, 1 rural connector route, 1 light rail line and one streetcar line. Valley Metro customers made over 36.8 million boardings during fiscal year 2023.

Four entities in the region provide Dial-a-Ride service for seniors and persons with disabilities, as well as Americans with Disabilities Act (ADA) paratransit service for those who are unable to use fixed-route bus service. Annual regional ridership for ADA paratransit and regional ridership for non-ADA general Dial-a-Ride was over 900,000

In addition, Valley Metro’s Commute Solutions team supports Valley organizations in the mandatory Maricopa County Travel Reduction Program. Toward that goal, the team provides a multipurpose platform at www.ShareTheRide.com that allows commuters to search for carpools, vanpools, transit and bike buddies. In addition to providing this multimodal support, it provides pollution and commute information. In an ongoing effort to educate, the team also provides online training, informational webinars, special promotions for the general public and transportation coordinators.

In 2002, Valley Metro Rail, Inc., a nonprofit agency, was created and charged with the design, construction, and operation of the region’s 57-mile high-capacity transit system. Valley Metro Rail Board member cities include Phoenix, Tempe, Mesa and Chandler. The Board establishes overall policies and provides general oversight of the agency and its responsibilities.

In November 2004, Maricopa County voters passed Proposition 400, which provides funding from a portion of a half-cent sales tax to fund transit projects in the Regional

Transportation Plan. The 20-mile light rail starter line (Central Phoenix/East Valley) became operational within the cities of Phoenix, Tempe and Mesa on December 27, 2008. Since 2008, the completion of four light rail extensions have increased the length of the light rail system to 30 miles. The Mesa Dr/Main St. extension, a 3.1-mile project that brought light rail into downtown Mesa, began operations in 2015. In March 2016, the 19th Ave/Dunlap extension in Phoenix opened—adding 3.2 miles to the system. The Gilbert Road Extension, a 1.9-mile project on Main Street to Gilbert Road in Mesa, began operations in 2019. And the Northwest Phase II extension, a 1.6-mile project extending the system northwest from 19th Ave/Dunlap to Metro Center, opened in January 2024. In addition, Valley Metro and the City of Tempe opened a 3-mile streetcar project in May 2022, running through Downtown Tempe and the Arizona State University-Tempe campus. Valley Metro and the City of Phoenix are progressing construction of the South Central Extension/Downtown Hub, a 5.5-mile extension of light rail on Central Avenue to Baseline Road, which is expected to open in mid-2025.

Valley Metro and the region support the goal of the U.S. Department of Transportation (USDOT) limited English proficient (LEP) guidance to provide meaningful access to its services by LEP persons. The Federal Transit Administration (FTA) notes that transit agencies that provide language assistance to LEP persons in a competent and effective manner will help ensure that their services are safe, reliable, convenient, and accessible to those persons. These efforts may attract riders who would otherwise be excluded from using the service because of language barriers and, ideally, will encourage riders to continue using the system after they are proficient in English and/or have more transportation options.

1.1 Regulatory Guidance

Title VI of the Civil Rights Act of 1964, provides that no person in the United States shall, on the grounds of race, color, or national origin, be excluded from participation in, be denied the benefits of, or be otherwise subjected to discrimination under any program or activity that receives federal financial assistance.

Executive Order 13166, “Improving Access to Services for Persons with Limited English Proficiency,” issued on August 11, 2000, directs each federal agency to publish guidance for its respective recipients to assist with its obligations to LEP persons under Title VI. The Executive Order states that recipients must take reasonable steps to ensure meaningful access to their programs and activities by LEP persons. Providing English-only services may constitute national origin discrimination in violation of Title VI and its implementing regulations.

The FTA Circular 4702.1B, “Title VI Requirements and Guidelines for Federal Transit Administration Recipients”, issued in October 2012 reiterates this requirement. Chapter III states that “...FTA recipients must take responsible steps to ensure meaningful access to the benefits, services, information, and other important portions of their programs and activities for individuals who are Limited English Proficient (page III-6).”

In the Phoenix Metropolitan Area, there are more than sixty different languages identified in households where English is not the predominate language. Using the “Four Factor Analysis” prescribed by FTA, this plan was developed to ensure that all transit providers effectively communicate with all users of the public transportation agency’s services provided.

1.2 Four Factor Analysis

FTA Circular 4702.1B identifies four factors that recipients of federal funds should follow when determining what reasonable steps should be taken to ensure meaningful access for LEP persons.

The four-factor analysis involves the following:

1. Identify the number or proportion of LEP persons eligible to be served or likely to be encountered with transit service.
2. Determine the frequency with which LEP individuals come in contact with transit service.
3. Determine the nature and importance of transit service provided to LEP individuals.
4. Assess the resources available to the recipient for LEP outreach, as well as costs associated with that outreach.

This document describes Valley Metro’s four-factor analysis and summarizes its LEP efforts, including staff training, followed by a description of how the plan will be monitored and updated.

2.0 LIMITED ENGLISH PROFICIENT POPULATION (FACTOR 1)

Factor 1 assesses the number and proportion of persons with limited English speaking proficiency likely to be encountered within the region's service area, which is defined as a three-quarter mile radial buffer around all fixed route services and a three-mile buffer around park-and-ride and transit facilities for express bus service. The LEP population is those individuals who reported to the Census Bureau that they speak English "less than very well."

2.1 Evaluation Methods and Data Source

In accordance with FTA's policy guidance, the initial step for providing meaningful access to services for LEP persons and maintaining an effective LEP program is to identify LEP populations in the service area and their language characteristics through an analysis of available data. The presence of LEP populations in the regional service area was determined by analyzing the U.S. Census Bureau, 2022 American Community Survey (ACS) 5-year Sample.

2.2 LEP Population Identification

FTA describes LEP persons as having a limited ability to read, write, speak, or understand English. For this LEP analysis, those who reported to the Census Bureau that they speak English "less than very well" were used to tabulate the LEP population for the regional service area.

2.3 American Community Survey

The ACS is a continuous nationwide survey conducted monthly by the U.S. Census Bureau to produce annually updated estimates for the same small area (census tracts and block groups) formerly surveyed through the decennial census long-form survey. It is intended to measure changing socioeconomic characteristics and conditions of the population on a recurring basis. It is important to note that the ACS does not provide official counts of the population between each decennial census, but instead provides weighted population estimates. This analysis uses the 2022 ACS 5-Year data (2018 to 2022).

ACS data include the number of persons ages five and above who self-identified their ability to speak English as "very well," "well," "not well," and "not at all." **Figure 1** depicts Valley Metro's service area. **Table 1** shows the number of LEP people within Valley Metro's service area in comparison to Maricopa County. There are over 4 million residents in Maricopa County, and 3.5 million reside within Valley Metro's service area. The incidence of LEP persons within Valley Metro's service area is slightly higher than in the county. 8.3 percent of residents in Maricopa County speak English less than "very well," while 9.3 percent of residents within Valley Metro's service area speak English less than "very well."

FIGURE 1: VALLEY METRO SERVICE AREA

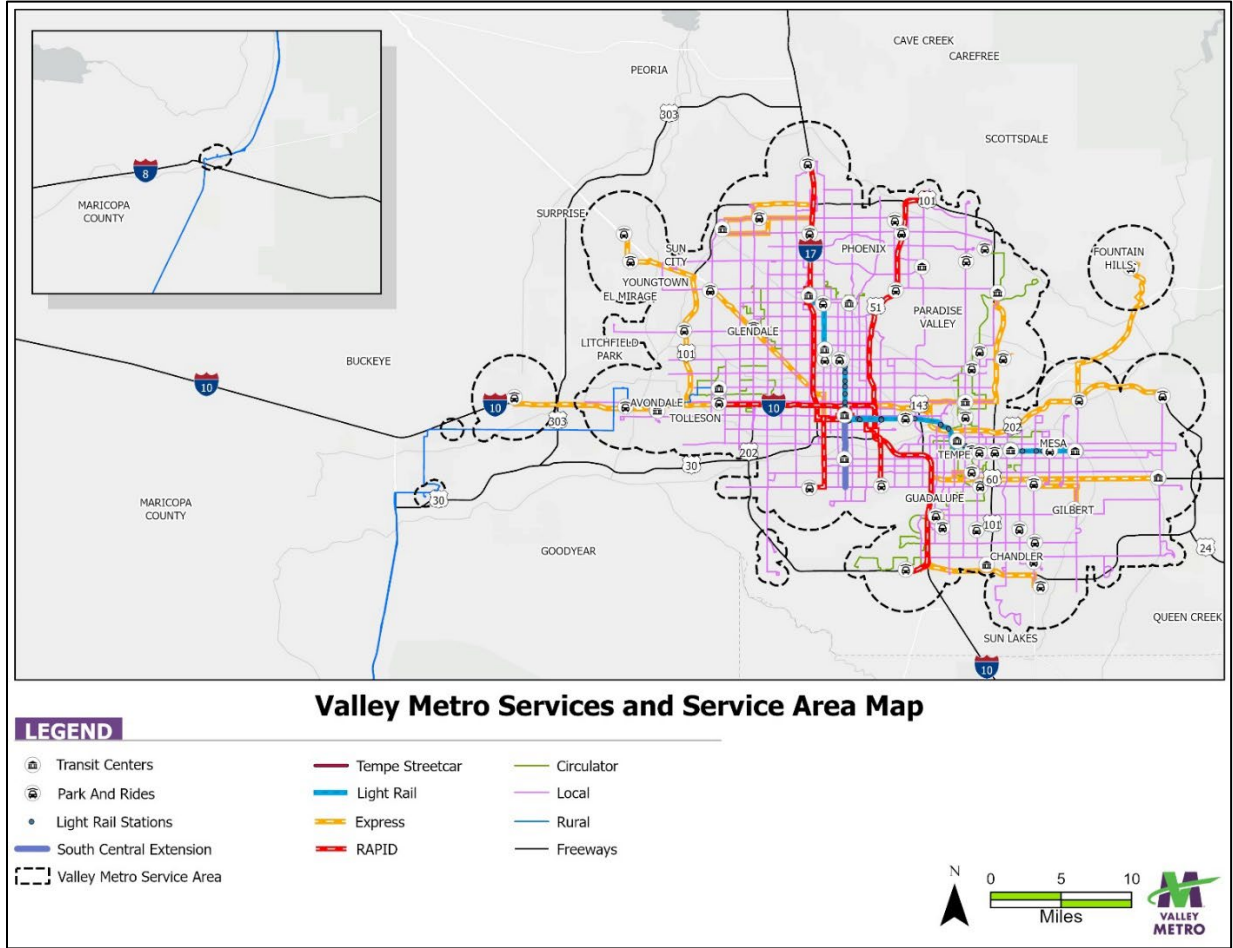


TABLE 1: 2022 ACS DATA, BY LOCATION

County or Area	Total Population Age 5 and Over	Speaks English Only	Speaks English		Percentage Less than Very Well
			Very Well	Less than Very Well	
Maricopa County	4,171,400	3,068,856	756,667	345,877	8.29
Census tracts within service area ^a	3,418,601	2,420,722	678,529	319,350	9.34

^a Service area is defined as a ¾-mile buffer within local fixed-route service and a 3-mile buffer within park-and-ride and transit facilities for express bus service.

Table 2 shows English proficiency for the census tracts within the service area population age five years and above by the linguistic categories identified by the U.S. Census Bureau. This includes English, Spanish, Indo-European, Asian or Pacific Islander, and all other languages. The 2022 ACS data show the population self-identified as speaking English less than “very well” was predominantly the Spanish-language group, encompassing 251,891 people, or 7.37 percent of the total population age five years and

over. Indo-European, Asian or Pacific Islander, and all other languages groups account for 67,459 people, or 1.9 percent of the population. Of all those speaking English less than “very well,” the Spanish group makes up 79 percent of the total population over age five with limited English proficiency.

TABLE 2: 2022 ACS DATA, BY LANGUAGE CATEGORY

Language Category	Total Population Age 5 and Over	Speaks English				Percentage Less than Very Well
		Very Well	Well	Not Well	Not At All	
Total	3,418,601	678,529	148,286	115,239	55,825	9.34
English	2,420,722	—	—	—	—	—
Spanish	774,086	522,195	104,440	96,515	50,936	7.37
Asian or Pacific Islander	88,365	55,237	20,420	9,973	2,735	0.97
Indo-European	84,788	65,337	13,667	4,844	940	0.57
All other languages	50,640	35,760	9,759	3,907	1,214	0.44

The 2022 ACS data also provide information on linguistically isolated households: “A linguistically isolated household is one in which no member 14 years old and over (1) speaks only English and (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 difficulty with English” (ACS 2022). In total, the 2022 ACS data identified 1,448,742 households to be linguistically isolated. The entire membership of a linguistically isolated household would be considered LEP. **Table 3** details those data for linguistically isolated and non-linguistically isolated households by language category within the service area.

TABLE 3: 2022 ACS DATA, BY LINGUISTICALLY ISOLATED HOUSEHOLDS

Language Category	Total Households	Isolated Households	Non-isolated Households	Percentage Isolated Households
Census tracts in service area	1,448,742	58,003	365,330	4
English	1,007,048	—	—	—
Spanish	301,679	38,366	263,313	2.6
Asian or Pacific Islander	45,200	7,767	37,433	0.54
Indo-European	71,129	4,745	43,983	0.33
All other languages	23,686	7,125	20,601	0.49

Within the transit service area, 4 percent of households are considered linguistically isolated. Again, these are predominantly Spanish households, making up 2.6 percent of the total. Remaining languages make up 1.36 percent of households that are classified as linguistically isolated.

Figure 2 shows concentrations of linguistically isolated households in census tracts within the service area. Most areas throughout the region are mixed, although a few pockets of census blocks have concentrations of linguistically isolated households, thus identified as persons with limited English proficiency.

Figure 3 shows the ACS 2022 census tracts within the three-quarter mile buffer of local fixed-route service and a three-mile buffer around park-and-ride and transit facilities for express bus service. Census tracts encapsulated within this area are included in the estimates, although they may not be within one-quarter mile of a fixed route.

FIGURE 2: CENSUS TRACTS WITH LINGUISTICALLY ISOLATED HOUSEHOLDS

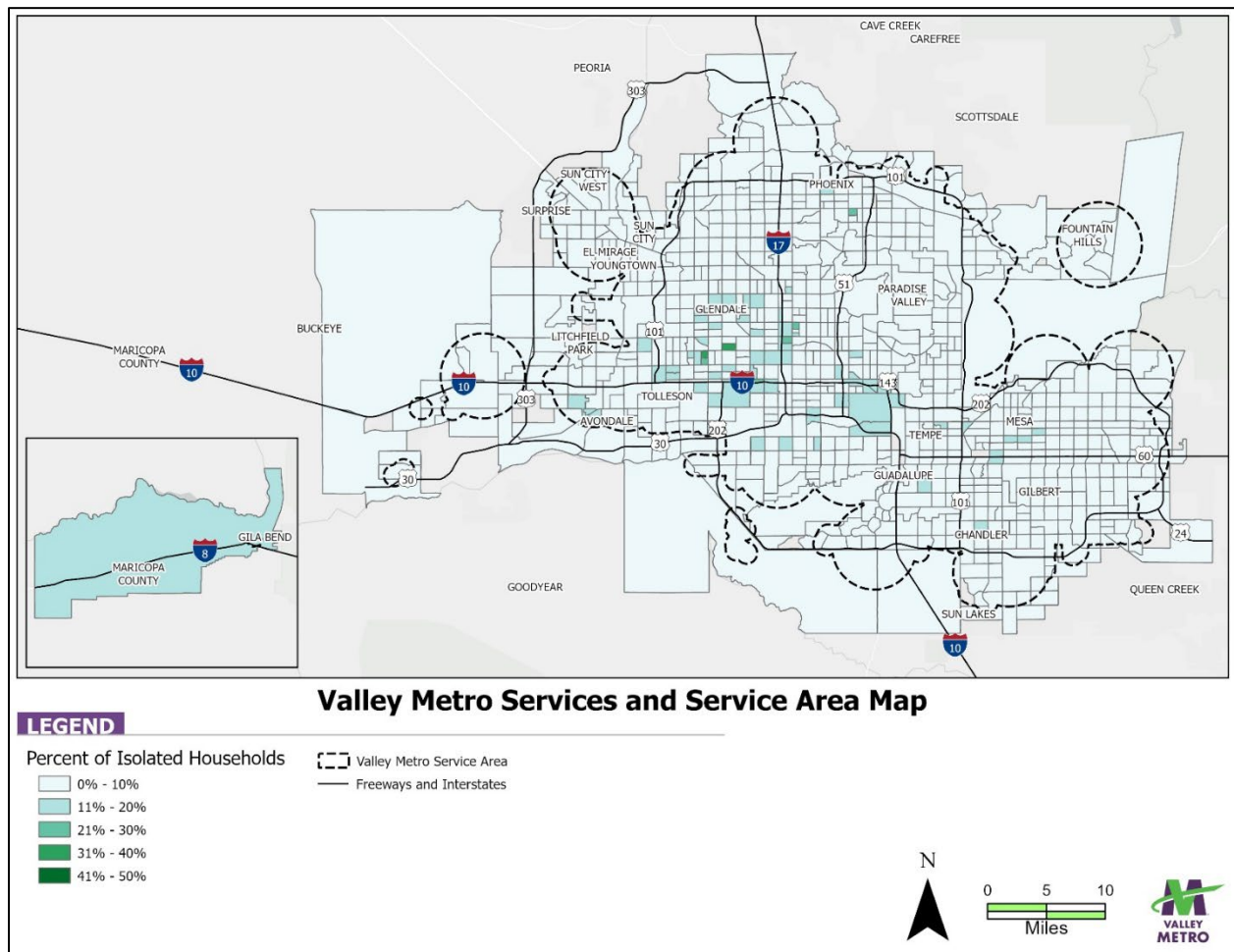
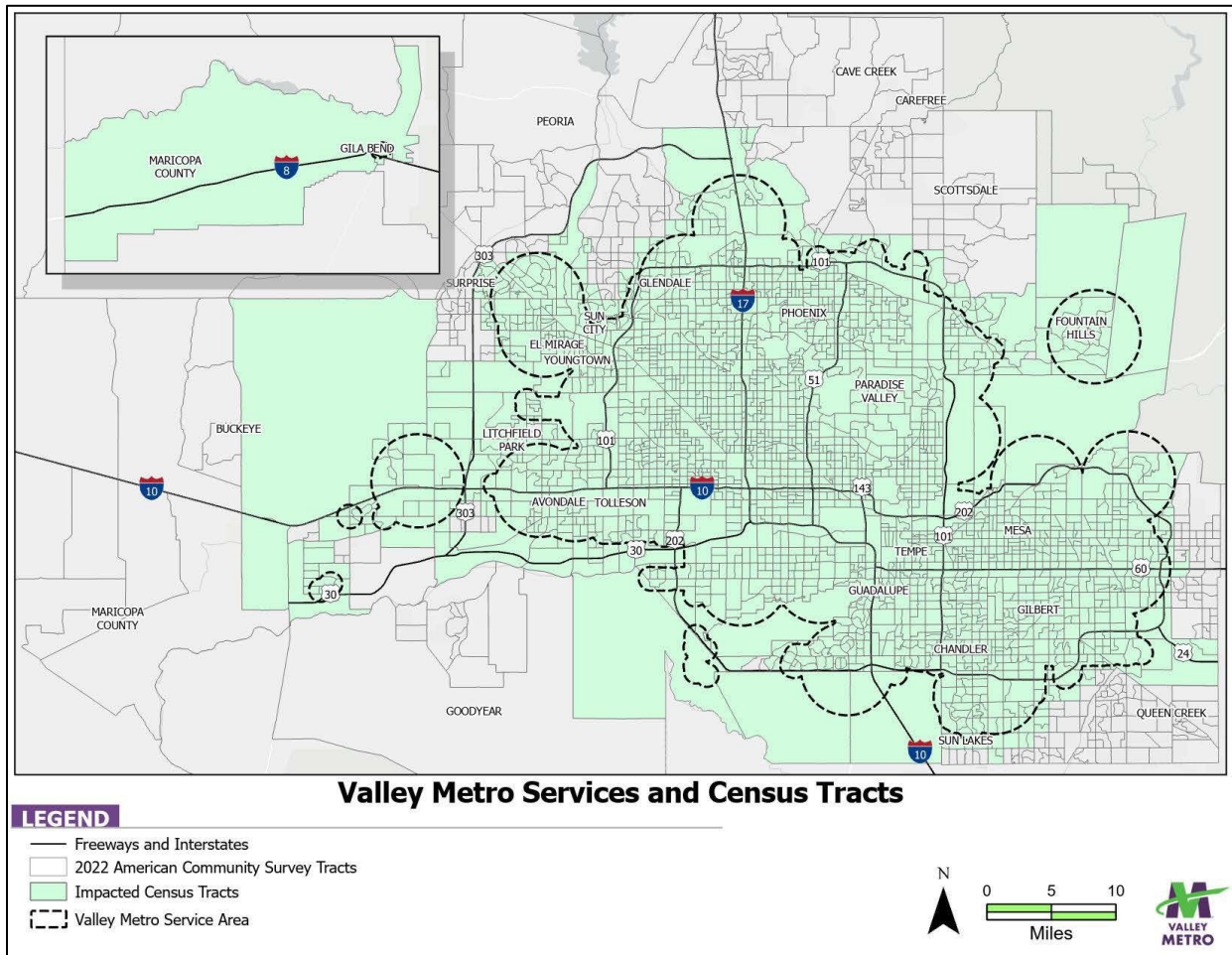


FIGURE 3: CENSUS TRACTS WITHIN SERVICE AREA



The 2022 ACS data show 12 languages or language groups with 1,000 or more LEP persons. Only one LEP population exceeds both the 1,000 or more individuals and the five percent of the total population of persons eligible to be served or likely encountered. **Table 4** shows the populations that meet either of these thresholds using ACS 2022 population by language and ability, sorted by percentage of LEP population.

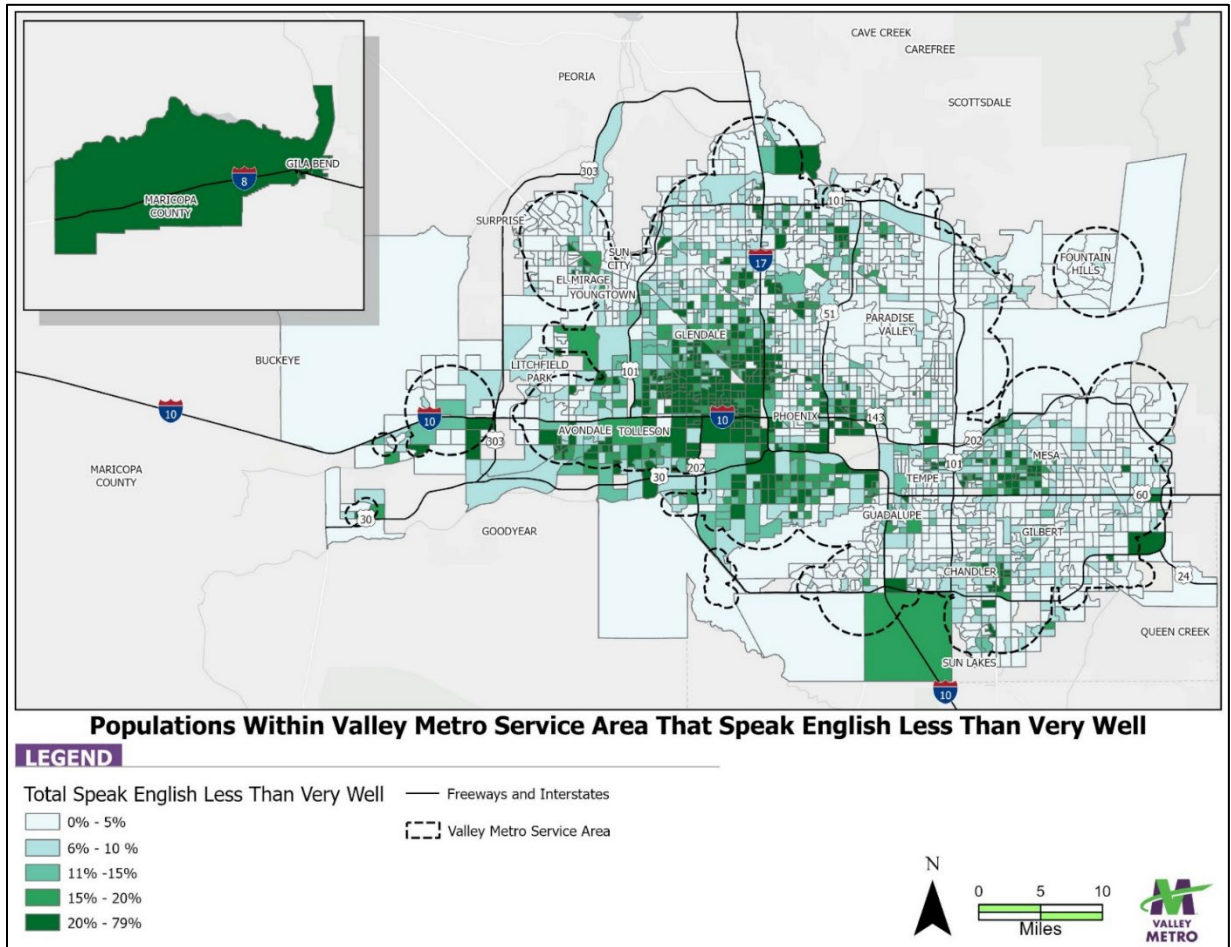
Within the service area, the majority of the 2022 LEP populations is the Spanish-speaking population; this is the only language group to exceed both 1,000 individuals and five percent of the LEP population. The Spanish LEP population consists of 251,606 individuals within the service area. The other Indo-European, Mandarin Chinese, and other and unspecified speaking populations followed with 3.90 percent, 3.06 percent and 2.76 percent respectively. The Vietnamese, other Asian and Pacific Island and Arabic speaking populations follow with 2.51 percent, 3.02 percent and 1.90 percent, respectively. This is followed by Russian and Filipino with 1.37 percent and 1.08 percent, respectively, and then by Korean (0.8 percent), French (0.7 percent) and German (0.2 percent).

TABLE 4: 2022 ACS DATA, BY LANGUAGE WITHIN ONE-HALF MILE OF FIXED-ROUTE SERVICE

Language	Speak English		Total Population	Percentage of Language LEP of Total LEP Population
	Less Than Very Well	Very Well		
All languages	319,427	—	—	100
Spanish	251,606	522,128	773,734	78.77
French, Haitian or Cajun	2,072	8,077	10,149	0.65
German	692	8,819	9,511	0.22
Russian, Polish or Other Slavic	4,370	12,051	16,421	1.37
Other Indo-European languages	12,462	36,475	48,937	3.90
Korean	2,425	2,995	5,420	0.76
Mandarin Chinese	9,785	11,285	21,070	3.06
Vietnamese	8,023	7,458	15,481	2.51
Filipino	3,463	10,932	14,395	1.08
Other Asian Pacific Island	9,648	22,228	31,876	3.02
Arabic	6,080	10,820	16,900	1.90
Other and unspecified languages	8,801	24,971	33,772	2.76

Figure 4 shows concentrations of populations speaking English less than very well throughout the service area. Most areas throughout the region are mixed, although there are a few pockets of Census blocks with concentrations of persons with limited English proficiency.

FIGURE 4: POPULATION SPEAKING ENGLISH “LESS THAN VERY WELL”



3.0 FREQUENCY OF CONTACT WITH LIMITED ENGLISH PROFICIENT POPULATION (FACTOR 2)

The first step of the four-factor LEP needs assessment revealed that the largest language group is overwhelmingly Spanish, followed by the ACS language categories of other Indo-European, Mandarin Chinese and other and unspecified. Factor 2 is intended to assess the frequency with which LEP persons interact with Valley Metro programs, activities or services. The DOT Policy Guidance Concerning Recipients’ Responsibilities to Limited English Proficient (LEP) Persons (2005) advises that:

Recipients should assess, as accurately as possible, the frequency with which they have or should have contact with LEP individuals from different language groups seeking assistance, as the more frequent the contact, the more likely enhanced language services will be needed (emphasis added). The steps that are reasonable for a recipient that serves an LEP person on a one-time basis will be very different than those expected from a recipient that serves LEP persons daily.

The frequency of use was evaluated by assessing current resources, available data and a short survey of transit employees.

3.1 Evaluation Methods and Data Sources

To determine the frequency with which LEP persons interact with Valley Metro, both quantitative and qualitative methods were used to analyze access to services. Anecdotal information regarding interactions with LEP persons, garnered through conversations with Valley Metro employees, is also included in this section. More structured analysis is included using several sources of information:

- Transit employee surveys
- Customer Service Interactive Voice Response (IVR) call log
- Transit education program
- Valley Metro website translation data
- Together, these sources provide a picture of the interaction of LEP persons with programs, activities or services provided by the agency.

3.2 Frequency of Contact Analyses

Valley Metro recognizes the value of providing convenient and efficient information to transit riders. Understanding how often LEP persons are using services will assist in serving customers better in the future with quality services, programs and activities.

Customer Service Interactive Voice Response Call Log

The Customer Service Center updated its automated phone system in mid-2014 to establish the IVR feature. With this expansion, the system is able to provide a log listing the frequency with which line callers have requested to be transferred. Available are five topic categories, each in English and Spanish, for ten total options. The topics available include:

- Americans with Disabilities Act (ADA)
- Customer Relations (CR)
- Light Rail
- Lost and Found
- Transit Information (TI)

This system allows Spanish-speaking callers to be automatically transferred to a bilingual representative, reducing the time it takes to be served in the preferred language. Currently, eight bilingual customer service representatives are employed by Valley Metro. The phone system prioritizes selection of Spanish calls received. **Table 5** shows the distribution of calls by option selected, followed by the sum of calls by language for calendar year 2022.

TABLE 5: 2022 CUSTOMER SERVICE CALL LOG

Call	Total Calls	% of Total Calls
ADA – English	328	0.38
ADA – Spanish	934	1.08
CR – English	8,522	9.89
CR – Spanish	135	0.15
Light Rail – English	8	0.01
Light Rail – Spanish	0	0.00
Lost and Found – English	259	0.30
Lost and Found – Spanish	0	0.00
TI – English	69,124	80.28
TI – Spanish	6,685	7.76
English (Total)	78,339	91.00
Spanish (Total)	7,754	9.09
Total Calls	86,095	100.00

FIGURE 5: CUSTOMER SERVICE CALLS BY LANGUAGE

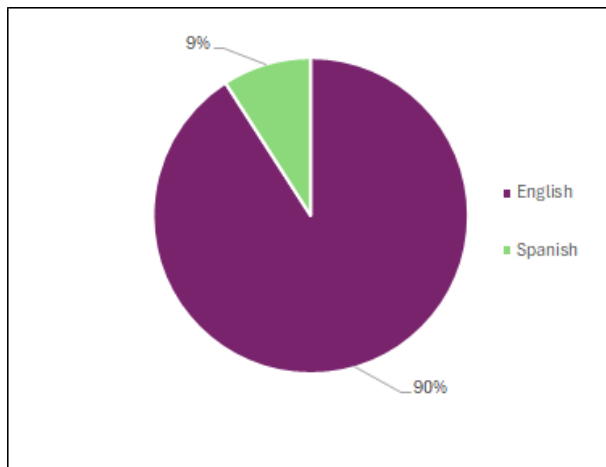


Figure 5 shows a pie chart of the calls by language. Approximately 90 percent of calls were for English and nine percent of calls were for Spanish. At the time of this report, 24 Customer Service representatives were on staff; of these, six were bilingual (25 percent). When evaluating the Customer Service call logs, the bulk of calls received are through the English phone lines, with a small portion (9 percent) selecting a Spanish option.

Transit Education Program

Valley Metro has a Transit Education program that presents information to various groups to teach about public transit, benefits of transit and how to use the system. Staff members visit schools, businesses, social service agencies and present to new residents and refugee groups, senior citizens and persons with disabilities. Additionally, transit information and assistance are provided at community or special events including environmental advocacy events, transportation or vehicle days, career days and more. This team also conducts general presentations by request to any group who wants to learn more about Valley Metro services.

The many Spanish-speaking passengers are accommodated because much of the transit information is available in Spanish. Additionally, a bilingual Valley Metro staff member will generally give the transit education presentation in Spanish upon request. Prior to the COVID-19 pandemic, the transit education staff would also conduct monthly presentations with refugee resettlement groups. Given the varied backgrounds of refugee

groups, the hosting organizations would generally provide the necessary interpreters. Valley Metro staff members have developed training materials that are mostly images to help bridge the language issues.

Website Translation

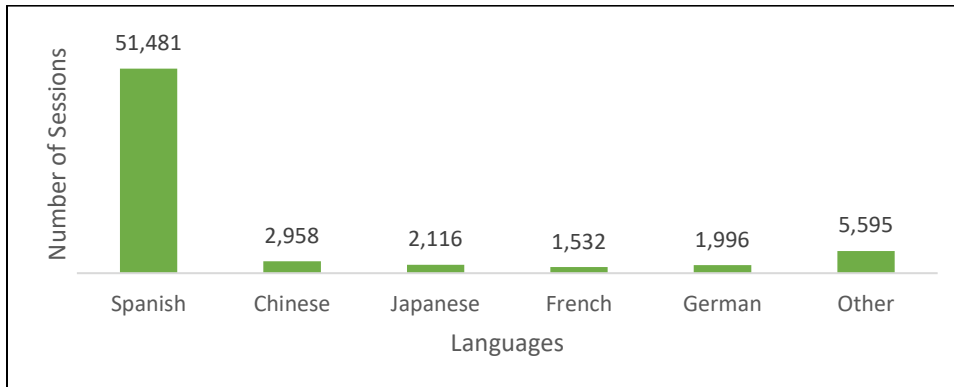
Apart from accessing information from transit employees—whether by phone, email, in person or another method—many customers use the www.valleymetro.org website for information. The website is equipped with the Google Translate feature, which allows translation into over 100 languages. As of 2024, users have translated the Valley Metro website into over 80 different languages using this feature. Approximately 99 percent of interactions with the Valley Metro website used the default English setting. Note only partial statistics are available for 2023 due to an error in the Google content management system responsible for collecting this data. In **Table 6**, the following data from 2022 offers a complete insight into the languages translated and the percentage of sessions in 2022. Note that only those languages accounting for at least 0.01 percent of the total sessions are included.

TABLE 6: 2022 WEBSITE SESSIONS, BY LANGUAGE

Language	Number of Sessions	Percentage of Total Sessions
English	2,792,742	97.59
Spanish	51,481	1.80
Chinese	2,958	0.07
Japanese	2,116	0.10
French	1,532	0.06
German	1,996	0.07
Korean	1,148	0.04
Portuguese	550	0.02
Russian	816	0.03
Dutch	406	0.01
Italian	429	0.01
Other	5,595	0.2

Once again, Spanish was overwhelmingly the most widely used language with the website translation service, accounting for 1.80 percent of sessions, followed by Chinese (0.10 percent), Japanese (0.07 percent), German (0.07 percent), Korean (0.04 percent), French (0.04 percent), Russian (0.03 percent), Portuguese (0.02 percent) and Other (0.20 percent). **Figure 6** shows the number of translated sessions by language.

FIGURE 6: NUMBER OF TRANSLATED WEBSITE SESSIONS, BY LANGUAGE (EXCLUDING ENGLISH)



Historically, the website has been translated to over 80 other languages that collectively accounted for 0.2 percent of all sessions. These languages include:

- Afrikaans
- Arabic
- Bulgarian
- Catalan
- Croatian
- Czech
- Danish
- Farsi
- Filipino
- Finnish
- Greek
- Hebrew
- Hindi
- Hungarian
- Indonesian
- Latin
- Norwegian
- Polish
- Romanian
- Samoan
- Serbian
- Slovak
- Slovenian
- Swedish
- Telugu
- Thai
- Tonga
- Ukrainian
- Vietnamese

Many documents on Valley Metro’s website are translated into Spanish since they are disseminated as paper materials to the public. Individuals may use these documents without translating the website into Spanish. Some of these documents include project updates, route maps and schedules, instructions and applications for a Reduced Fare ID, service change information, policies, brochures and forms.

Conclusion

The Factor 2 analysis revealed that there is regular contact between the LEP population and Valley Metro personnel. The Customer Service call log showed that nine percent of customers used one of the five Spanish options. Information from the Transit Education

team qualitatively identified Spanish as the main language group. Finally, translation data from the Valley Metro website indicated 2.4 percent of sessions were translated—most of which were translated to Spanish. Historically, the website has been translated to over 80 different languages. Overall, there is broad diversity in the Phoenix region population that accesses regional transit services; however, most people using the Valley Metro system speak English or Spanish.

4.0 NATURE AND IMPORTANCE OF THE PROGRAM, ACTIVITY OR SERVICE PROVIDED (FACTOR 3)

The third step in the four-factor LEP needs assessment is an evaluation of the importance of Valley Metro services to persons with limited English proficiency. The first component of the Factor 3 analysis was to identify critical services. Next, input from community organizations was used to identify ways to improve these services for LEP populations. The DOT Policy Guidance Concerning Recipients' Responsibilities to Limited English Proficient (LEP) Persons (2005) advises that:

The more important the activity, information, service, or program, or the greater the possible consequences of the contact to the LEP individuals, the more likely language services are needed. The obligations to communicate rights to an LEP person who needs public transportation differ, for example, from those to provide recreational programming. A recipient needs to determine whether denial or delay of access to services or information could have serious or even life-threatening implications for the LEP individual . . . providing public transportation access to LEP persons is crucial. An LEP person's inability to utilize effectively public transportation may adversely affect his or her ability to obtain health care, education, or access to employment.

With assistance from Valley Metro's Community Relations and Marketing departments, a list of services provided was prepared and prioritized. Input from community organizations and LEP persons was incorporated to ensure views of the importance of services provided are adequately prioritized.

4.1 Services Provided

In cooperation with Valley Metro's Communications and Operations departments, services currently provided to LEP persons were queried. All printed materials are translated into Spanish, and materials in both English and Spanish are available on both bus and light rail services. Below is a list of available materials and services in Spanish that includes bus- and light rail-specific services:

- Press releases
- Public materials including, but not limited to:
 - Route Scout (announcements on buses and light rail)
 - Ride Guide and Destinations Guide
 - Service changes materials
 - Transit Book
 - Website
 - COVID-19 updates
 - Project updates

- Title VI forms
- Large special events materials (for example, Super Bowl public materials)
- Direct mailers or door hangers for targeted outreach
- Ticket vending machines (Spanish and Braille)
- Bilingual Customer Service staff
- Email list messages
- Bus-specific services:
 - Car cards (on-board advertisements)
 - Bus signage (priority seating, caution signs, entry/exit, etc.)
 - Variable message sign (VMS)⁶ that displays audio announcements on buses
- Light rail-specific services:
 - Light rail transit (LRT) vehicle signage, including priority seating, code of conduct, and other train information
 - VMS¹ announcements on vehicles and at stations
 - System maps and auxiliary information
 - Operator call boxes on trains
 - Emergency call box at stations
 - Safe place notices

4.2 Critical Services

Public transit is a key means of mobility for persons with limited English proficiency. Of those services identified above, a subset of critical services was prioritized to ensure that those services imperative to use Valley Metro public transportation options are available to all users.

Basic trip information is available both printed and electronically in Spanish, including service hours, tickets, trip planning, airport and transit connections, parking, bicycles and services for persons with disabilities. Also available in Spanish is information regarding how to use transit, acceptable user conduct, priority seating, caution signs and exit locations on vehicles. Ticket vending is available in both Spanish and Braille. Many documents are available in Braille upon request. Emergency notification measures are also translated, including audio VMS announcements on vehicles (bus and rail), operator call boxes, emergency call boxes and safe place notices.

Bilingual Customer Service representatives are available during regular call center hours. Representatives use the same procedures for comments and note that the inquiry was in Spanish so that a bilingual representative is assigned in any follow-up response if needed. Outside of Customer Service hours, the website is available for translation to most languages at any time. For public meetings and hearings, a Spanish translator is usually available; additional translators are available upon request or in the appropriate context. Typically, additional translation services requested are provided for American Sign Language through an on-call contract.

¹ Variable message signs are audio announcements that occur on transit services to inform riders of relevant information and updates. Light rail stations and vehicles are equipped with VMS announcements; most fixed-route vehicles are also equipped with VMS capabilities.

5.0 CURRENT RESOURCES AVAILABLE AND THE COSTS TO PROVIDE LANGUAGE ASSISTANCE SERVICES (FACTOR 4)

The final step of the four-factor LEP analysis was an evaluation of the current and projected financial and personnel resources available to meet the current and future needs for language assistance. The first component of the Factor 4 analysis was to identify current language assistance measures and associated costs. The next step was to determine what additional services may be needed to provide meaningful access. The DOT Policy Guidance Concerning Recipients' Responsibilities to Limited English Proficient (LEP) Persons (2005) advises that:

A recipient's level of resources and the costs imposed may have an impact on the nature of the steps it should take in providing meaningful access for LEP persons. Smaller recipients with more limited budgets are not expected to provide the same level of language services as larger recipients with larger budgets. In addition, 'reasonable steps may cease to be reasonable where the costs imposed substantially exceed the benefits.

Valley Metro has a strong commitment to reducing the barriers encountered by LEP persons in accessing its services and benefits, to the extent resources are available. Valley Metro currently does not break down all cost expenditures related to providing language assistance; however, language assistance costs are evaluated on a triennial basis to include in Title VI reporting.

5.1 Current Measures and Costs

Costs incurred by Valley Metro for the language assistance measures currently being provided include:

- Translation of materials
- Printing, advertising or other marketing costs
- Interpretation services
- Staff costs associated with Title VI efforts in adhering to language assistance measures

Typically, an amount is embedded into the project costs by activity (logged under printing or other direct expenses) for translation and production of any materials. Agency-wide, there is an on-call contract for any interpretation needs. Any production costs are included in printing and public meetings budgets. Furthermore, bilingual employees provide intermittent language assistance needs as part of their other duties. The Valley Metro community outreach team hires with a preference towards bilingual speakers, especially for projects where LEP residents are prominent. Multiple employees in the community outreach team are fluent in Spanish. These employees may be assigned to prepare press releases or media events with Spanish-speaking publications in addition to their typical duties. These costs are not tracked, although most of the formal interpretation services are contracted.

Interpreters are contracted on a case-by-case basis for public meetings or hearings to ensure that any language assistance needs are met so that public relations staff can focus on facilitating the event. All hearings are staffed with interpreters while public meetings are staffed depending on the anticipated number of persons reached and upon request.

Valley Metro provides headsets to those wishing to hear the presentation in the translated language. To accommodate Spanish speakers, Valley Metro has held some events fully in Spanish, with an English translator. Those wishing to listen to the presentation in English used headphones and printed materials in English.

Valley Metro currently contracts for interpreters at public meetings. In FY24 the cost for language interpreter services at public meetings in total was \$20,545. Costs for translating and producing written materials such as meeting notices, display boards, news releases and project update sheets are also budgeted annually. In FY24 the cost for this service was \$25,502. The total for all translation services therefore in FY24 was \$48,853.

Additional costs include other staff time used on an ad hoc or regular basis to provide translation or interpretive services. Exactly 25 percent of Customer Service representatives are bilingual, assisting both Spanish- and English-speaking customers. Being bilingual is a preferred qualification when hiring Customer Service staff, although not required. Bilingual employees also may assist on an informal, ad hoc basis to communicate with LEP individuals in other departments.

5.2 Cost-effective Practices

Valley Metro will continue to evaluate ways to improve the cost-effectiveness and the quality of its language services. Additional strategies for saving costs or improving quality may include developing internal and external language services, with the opportunity to coordinate across multiple agencies in the region. Current measures to ensure services are cost-effective include:

- Bilingual staff trained to act as interpreters and translators
- Shared Customer Service center and other information for combined translation and interpretation resources
- Some standardized common documents with transit and other public agencies
- Using the free Google Translate service on the Valley Metro website
- Translated vital documents currently posted on www.valleymetro.org
- Strategies for consolidating the regional language assistance measures to achieve efficiencies may include:
 - Further development of a LEP information center for Valley Metro employees
 - Surveying Valley Metro staff to determine any additional existing multilingual resources
 - Conducting outreach to various community organizations to secure volunteers for translation and interpretation services that are currently contracted or completed in-house
 - Consolidating contract services for oral and written translation to secure the most cost-effective rates

Valley Metro continues to use qualified translators and interpreters to uphold the quality of language assistance measures. Valley Metro strives to provide basic informational training for volunteer staff on its language assistance measures.

5.3 Additional Services and Budget Analysis

Valley Metro is committed to reducing the barriers encountered by LEP persons in accessing its services to the extent funding is available. While Valley Metro currently does break down contracted cost expenditures related to providing language assistance, expenditures of efforts for translation and interpretation completed in-house are less well-documented. As part of the Language Assistance Plan, Valley Metro will better monitor efforts in the future. Valley Metro will further evaluate how to consolidate its language assistance measures to deliver the most cost-effective services.

The information received from community organizations provided some insight on additional services that may ease access for LEP persons to regional transit services. Services requested were centered on service expansions that included increased frequencies and later services at night. However, these would be improvements for consideration and prioritization of the system rather than specific services for LEP persons. Therefore, they were excluded here and assigned to the general public process for service requests.

Other requests included using more symbols to depict messaging and system routes. Audio messaging using VMS could potentially show messaging in another language as well. The light rail system VMS currently shows messages in English and Spanish. Bus messaging is typically location data and in close proximity, depending on stop locations. Some audio messages on buses are announced in Spanish. The feasibility and helpfulness of VMS translation should be evaluated.

As applicable and through the annual budget process, additional services requested or identified may be considered for implementation. In 2015, Valley Metro shifted to a zero-based budget that is approved by two boards of directors: Valley Metro Rail Board and the Valley Metro RPTA Board. The budgets are developed and approved annually as appropriate to the unique needs and demands of each agency at that point in time.

5.4 Projected Costs

With a commitment to providing reasonable language assistance measures, Valley Metro would assess current symbols used on vehicles, at station locations and elsewhere to determine the sort of improvements that could be made so that the system is more easily understood visually. Biannually, in coordination with the service changes, updated system maps are produced.

Other improvements would be considered after analyzing the staff costs, third-party contract costs and costs related to volunteer or community organization coordination. These would be evaluated in comparison with anticipated benefits to the LEP population. Other considerations may include operational issues and implementation time.

6.0 LANGUAGE ASSISTANCE MEASURES

Valley Metro is committed to full compliance with Title VI and Executive Order 13166 to provide meaningful access and reduce barriers to services and benefits for persons with limited English proficiency.

6.1 Current Language Assistance Measures

Spanish Language Assistance

As discussed earlier, Valley Metro currently provides both oral and written language assistance in Spanish. Oral language assistance includes bilingual customer service representatives, speaking Spanish. Additionally, Spanish interpreters are available at public meetings. On vehicles and at stations, VMS announcements are provided in Spanish.

Written Spanish language assistance includes signs, press releases, list serve messages, service change materials, Title VI complaint forms, policies and procedures. Additional translation of some vital documents is provided, such as schedules, maps, Ride and Destination Guides, route scouts and more. Meeting notices and public input surveys at public meetings are translated.

Notices to the public of language assistance measures are typically provided side-by-side with an English version of the document. For example, Ride Guide documents are provided in both English and Spanish and are available together wherever disseminated. Where available, documents are printed on both sides with an English version and a Spanish version on each side of the paper. When calling into the Customer Service line, the interactive voice response system will automatically ask if Spanish is the preferred language prior to being connected with a representative.

Languages Other Than Spanish

Valley Metro provides oral and written translations into other languages when applicable. For written translations, the Valley Metro website is equipped with the Google Translate feature, which allows translation into over 100 languages. For oral translations, the agency uses an existing contract that can provide translations into all languages identified in the Language Assistance Plan, as well as American Sign Language. Translators under this contract are used for public meetings, canvassing and other community outreach as needed. Valley Metro also provides sign language interpreters for public meetings when requested, and provides Braille translations on fare vending machines and for printed documents upon request.

As the region grows and diversifies the agency will translate vital documents into languages other than English and Spanish as practicable for language populations over 1,000 that speak English less than very well. These vital documents include:

- Title VI Notice to the Public
- Title VI complaint forms
- Title VI procedures
- Notices to public
- Service and Fare Changes
- Bus and Rail Schedules

These items are currently translated into Spanish as well as English. The agency will continue to monitor the demographics of the region as these printed offerings are expanded to meet federal requirements.

6.2 Staff Training

Specific policies and procedures for interacting with LEP persons are not formally adopted on a stand-alone basis. These policies and procedures are, in essence, for all customers and have been embedded into multiple documents (including the Title VI Plan, trainings, instructions, etc.).

Using the Customer Service Center as an example, Spanish calls are assigned directly to a Spanish-speaking representative through the phone system. In the CAS, a note is made that the customer speaks Spanish so that if Customer Service cannot respond to the query immediately, any future response is assigned to a bilingual representative. This training is integrated into general customer assistance staff training to ensure cost-effective practices and efficient use of training resources. Title VI is distributed to new Customer Service employees and, where applicable, employees are expected to know how to file discrimination claims based on race, color or national origin. Additionally, there are related trainings available including quarterly Civil Rights Workshops, training sessions for conducting complaint investigations according to federal guidelines and streamlining the complaint investigative process.

Training for employees who regularly encounter the public may also include:

- Type of language services available
- How staff and/or LEP customers can obtain these services
- How to respond to LEP callers
- How to respond to correspondence from LEP customers
- How to respond to LEP customers in person
- How to document LEP needs

Valley Metro continues to consider opportunities to provide quality services for LEP persons throughout the service area.

6.3 Future Language Assistance Services

With the development of subsequent Language Assistance Plans, the monitoring, evaluation and update process would identify additional services to be considered for feasibility of implementation. Valley Metro strives to serve LEP populations adequately with an equal opportunity to use transportation options available. Section 7 provides more information about the plan's monitoring and update process.

7.0 MONITORING AND UPDATING THE LANGUAGE ASSISTANCE PLAN

Triennially, Valley Metro will review, monitor and update the language assistance plan. Feedback from agency staff and community members will be accepted throughout the year at the email address: TitleVICoordinator@ValleyMetro.org. Additional community feedback may be elicited during the update process. Internal monitoring will be conducted using the template provided from the FTA handbook Implementing the Department of Transportation's Policy Guidance Concerning Recipients' Responsibilities to Limited

English Proficient (LEP) Persons (2007). Using this checklist, stations, vehicles, Customer Service, community outreach and public relations are periodically monitored.

Using this information, changes may be made to the language assistance plan recognizing any cost implications and resources available. Depending on cost and resource evaluation, language assistance measures may be expanded, modified or eliminated based on their effectiveness.

As the transit service area is modified through service changes, the demographics served will be reviewed to ensure that those areas with high concentrations of LEP persons are reflected accurately in an effort to provide language assistance measures to areas with expanded transit services.

Throughout the monitoring period, Valley Metro will continue to follow the recommendations and use the resources provided by Executive Order 13166, FTA Circular 4702.1B, the DOT's Policy Guidance Concerning Recipients' Responsibilities to Limited English Proficient (LEP) Persons (2005), and the FTA handbook Implementing the Department of Transportation's Policy Guidance Concerning Recipients' Responsibilities to Limited English Proficient (LEP) Persons (2007). Valley Metro will be better able to apply the DOT LEP guidance's four-factor framework and will continue to determine an appropriate mix of language assistance in the preparation of language assistance implementation plans.

SECTION 2.8 MEMBERSHIP OF NON-ELECTED COMMITTEES AND COUNCILS

Introduction

In accordance with 49 CFR Section 21.5 (b)(1)(vii) and the requirements outlined in FTA C 4702.1B, the City of Phoenix maintains a list detailing the racial composition of the members of its transit-related non-elected planning boards, advisory councils, and committees. These boards, councils, and committees are as follows:

- i) City of Phoenix Citizens Transportation Commission (CTC)
- ii) Valley Metro Accessibility Advisory Group (VMAAG)

Description of Efforts Made to Encourage Minority Participation

- i) City of Phoenix Citizens Transportation Commission (CTC)

The purpose of the City of Phoenix Citizens Transportation Commission is to ensure accountability for the T2050 plan, which mandates a 15-member commission to represent various facets of the community and oversee the plan's implementation. The commission addresses streets, transit needs, and oversees the expenditure of funds, and makes recommendations on plan elements and potential revenue generation methods for the future.

The CTC meets monthly for the General Assembly Committee meeting. Each board member is appointed by elected officials of the City of Phoenix. To fill the seats, mayoral appointees represent educational communities, business communities, disability communities, transit user and a transportation expert. Additionally, the City of Phoenix Council represents eight council districts with one elected council member for each district. The CTC includes one commissioner appointed by a council member from each of the city's eight council districts.

The Public Transit Department's Director's office serves as the board secretary and collaborates with the Mayor's Office and Councilmembers during candidate consideration. To encourage minority participation for vacant commissioner appointments, the Public Transit Department Staff will contact the Mayor and Councilmembers providing a letter of encouragement (Figure 8) prior to the selection of a candidate.

TABLE 9: CITY OF PHOENIX CITIZEN TRANSPORTATION COMMISSION (CTC)

Body	African American	Asian American	Caucasian	Latino	Native American	Non-disclosed
Citizen's Transportation Commission	2	0	6	1	0	3
Population	16.67%	0%	50%	8.33%	0%	25%

*There are currently three commissioner vacancies

FIGURE 8: MINORITY ENCOURAGEMENT LETTER



DATE

City of Phoenix Councilmember
200 W. Washington St.
Phoenix, AZ 85003

Re: Appointment to Citizens Transportation Commission

Dear Mayor or Councilmember:

With the recent departure of Commissioner *NAME*, I am reaching out to request your assistance to appoint a new commissioner to represent your office/district on the Phoenix's Citizens Transportation Commission (CTC).

When Phoenix voters approved the Phoenix Transportation 2050 plan in 2015, they also approved the creation of the CTC to provide transparency and oversight of the plan. The CTC accomplishes these goals by working with city staff on the plan, providing input and direction, and ultimately providing recommendations on the plan's progress to the Phoenix City Council. Your decision on the next CTC commissioner will play an important role in how the T2050 plan continues to be implemented.

As you consider this important decision, please keep in mind that your appointee not only represents your office, but also the residents of *Phoenix/District #*, which is why I would like to remind you that the consideration of all candidates, especially those who represent the various communities of Phoenix, be considered in your decision-making process.

Of note, as federal recipient, the city of Phoenix Transit Department adheres to the Federal Transit Administration's (FTA) requirements and guidelines in order to maintain good standing. The FTA's Circular 4702.1B, Title 49 CFR Section 21.5(b)(1)(vii) addresses minority representation on planning and advisory Bodies. As a result, the department provides racial information of the CTC with the FTA, as well as a description of efforts made to encourage the participation of minorities on the CTC.

If you have questions, or I can assist with your decision, please reach out anytime.

Sincerely,

FROM NAME
FROM TITLE

c: Transit Director
Deputy City Manager
Transit Federal Oversight Staff

ii) Valley Metro Accessibility Advisory Group (VMAAG)

The purpose of Valley Metro’s Accessibility Advisory Group is to offer insight, feedback, and understanding by advising Valley Metro staff on products and services.

The VMAAG meets once a month and its members strive to reflect the geographic, gender, ethnic and disability diversity of the Metro Phoenix area. This 15-member group consists of Maricopa County residents who meet any of the following criteria: A senior age 65 or older, a person with a disability, a caregiver for a senior or person with disability, an employee or volunteer for an organization that serves seniors or people with disabilities. VMAAG member terms last for two years and may be reappointed for up to two additional terms. Valley Metro actively recruits for open membership positions in the event of a vacancy, with vacancies posted on the VMAAG advisory group webpage along with an application for interested individuals.

TABLE 10: VALLEY METRO ACCESSIBILITY ADVISORY GROUP (VMAAG) DEMOGRAPHICS

Representative	Term Expiration	Terms Remaining	Race/Ethnicity
Katie Griffith	6/30/2023*	0	Caucasian
Howard May	6/30/2023*	0	Caucasian
Catherine Morgan	6/30/2025	1	Caucasian
Kyle Straight	6/30/2025	1	Caucasian
Katie Schmidt	6/30/2025	2	Caucasian

*Term extended due to lack of members

SECTION 2.9 DETERMINATION OF SITE OR LOCATION OF FACILITIES

Since the last Title VI Program submission in 2021, The City of Phoenix Public Transit Department has not selected a site for a facility that meets the applicable definitions under Title VI, and thereby did not need to conduct an equity analysis.

In determining the site or location of facilities, the City will not make selections with the purpose or effect of excluding persons from, or denying benefits of, or subjecting them to discrimination with regard to race, color or national origin following the guidance provided in the Circular 4702.1B, Chapter III, Section 13 – Determination of Site or Location of Facilities.

According to FTA Circular 4702.1B for facilities covered by this provision, The City of Phoenix is required to:

- **Complete a Title VI equity analysis:** During the planning stage conduct an equity analysis regarding the location or site of a project to ensure the selection is made without regard to race, color, or national origin. Engage in outreach to individuals potentially impacted by the siting of facilities. The Title VI equity analysis must compare the equity impacts of various siting alternatives and must occur before selecting the preferred site.
- **Evaluate Locations of Facilities:** When assessing potential locations pay attention to other facilities with similar impacts in the area to determine if cumulative adverse impacts might result. Conduct an analysis at the Census tract or block group level, where appropriate, to ensure a proper perspective on localized impacts.
- **Address Disparate Impacts:** If it is determined that the location of the project will result in a disparate impact based on race, color, or national origin, the project may only proceed in that location if there is a substantial legitimate justification and no alternative locations with less disparate impact. To demonstrate that both criteria have been met, the City of Phoenix must consider and analyze reasonable, feasible, and prudent alternatives to determine whether those alternatives would result in less of a disparate impact. The least discriminatory alternative must then be implemented.

CHAPTER 3: SUBRECIPIENT MONITORING

Introduction

In accordance with FTA Circular 4702.1B, the City of Phoenix is committed to ensuring that we distribute FTA funding without regard to race, color, or national origin. We are equally dedicated to ensuring that our subrecipients comply with FTA Title VI regulations.

SECTION 3.1 PROGRAM OVERVIEW OF SUBRECIPIENT MONITORING

The City of Phoenix currently oversees approximately 60 subrecipients. Due dates for triennial Title VI Program plan submission are assigned on a rolling basis, based on the subrecipient agency Board of Director program acceptance dates (*Table 11*). The City of Phoenix's operating procedures guide the Civil Rights Coordinator in providing technical assistance to all subrecipients, ensuring oversight and compliance with FTA Title VI regulations. Available resources include training, monitoring, workshops, and technical assistance.

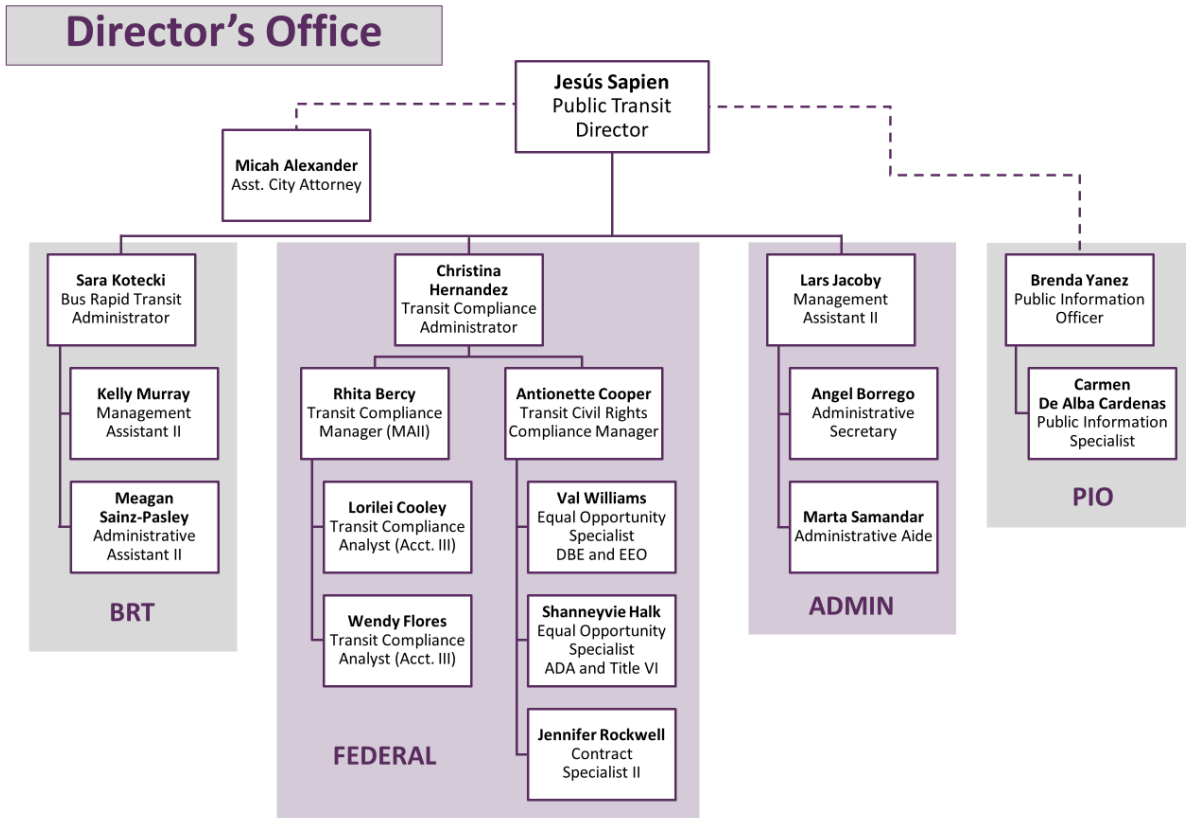
The City of Phoenix has developed a subrecipient compliance training program. This program includes annual training sessions, one-on-one meetings, workshops, webinars, and website resources to inform subrecipients about FTA Title VI regulations and assist them in creating their Title VI implementation program plans. The City of Phoenix provides additional support to subrecipients through supplemental materials, including:

- I. **Sample Documents:** Subrecipients can access sample documents such as the Program Requirement Checklist, Program Plan Update Template, Notices to the Public, Complaint Forms, and Language Assistance Plans via our Subrecipient Resource page located at:
<https://www.phoenix.gov/publictransit/subrecipient-resources>
- II. **Demographic Information:** Access to Census data and other demographic information if needed.
- III. **Document Review and Feedback:** The City of Phoenix assists subrecipients with organizing their program updates by reviewing their Title VI plan submission documents, providing suggestions, and making corrections prior to board approval.
- IV. **Annual Reports:** The City's monitoring includes documenting any suggested changes made to the subrecipient's Title VI Program plan. Subrecipients are required to submit an Annual Title VI report by October 15th of each year. This assists subrecipients in monitoring their public notices and websites and identifying any significant changes. The City of Phoenix conducts random sampling to verify that subrecipient websites comply with the annual Title VI reporting summary.

SECTION 3.2 COMPLIANCE TEAM

The City of Phoenix Compliance Team is assigned under the Transit Compliance Administrator. The team is comprised of two sections Civil Rights and Oversight.

FIGURE 9: PUBLIC TRANSIT DEPARTMENT/COMPLIANCE TEAM ORG CHART



The Civil Rights Team conducts a full review of each subrecipient's Title VI Program plan update. After thoroughly examining the subrecipient's program plan submission and website, the Civil Rights Team determines if the plan and website are compliant or noncompliant in accordance with the regulations. If the Title VI Program plan update is compliant, the Civil Rights Team issues a written Concurrence Memo along with a Program Review Assessment (*FIGURE 10*) informing the subrecipient of their compliance and the next triennial due date for their Title VI Program plan update. All final subrecipient Title VI Program plan updates are stored electronically.

If the subrecipient's program plan update is found to be non-compliant, the City of Phoenix notifies the subrecipient in writing via email and/or by phone, outlining the deficient areas and offering technical assistance to cure the deficiencies. The goal of the City of Phoenix is to work closely with subrecipients to cure deficiencies within 60 days. After multiple technical assistance attempts to achieve full subrecipient compliance, the Civil Rights

Team may refer the subrecipient to the Oversight Team for additional support through potential desk and/or onsite reviews.

The Oversight and Civil Rights Teams collaborate to conduct periodic discretionary reviews of grant subrecipients to ensure compliance with program requirements. Prior to an onsite visit, the Oversight Team will conduct a risk assessment on all subrecipients, collect information from all grant recipients, and conduct reviews on all twenty-three program areas as applicable, which include but are not limited to reviewing recipients' legal, financial records, technical capacity information, asset management, maintenance, civil rights, school/charter bus compliance, and safety. During the site visit, the team inspects the subrecipient's vehicle(s), facilities, and records to ensure compliance with Title VI requirements. This includes verifying Notice to the Public postings, evidence of outreach to the limited English populations as identified in the subrecipient's LEP plan, the availability and distribution of complaint procedures, and website compliance. Once the review is complete, the Oversight Team issues a Subrecipient Compliance Review Final Report detailing any corrective actions required.

FIGURE 10: SAMPLE CONCURRENCE LETTER


City of Phoenix
PUBLIC TRANSIT DEPARTMENT

Date

First Name, Last Name
Agency Name
Address 1
Address 2

Re: Triennial Title VI Program Plan Review - Concur Letter & Program Review Assessment

Dear XXX XXXXX:

The City of Phoenix Public Transit Department has received and reviewed the XXXXXXXX Title VI Program plan submitted on XXXXXX XX, XXXX. This Title VI Program plan will be effective XXXX XX, XXXX, to XXXXX XX, XXXX.

The Federal Transit Administration (FTA) requires recipients of federal funds to demonstrate compliance with Title VI of the Civil Rights Act of 1964 through regular compliance reports. The Federal Transit Administration's (FTA) Circular 4702.1B, "Title VI Program Guidelines for Federal Transit Administration Grantees" sets forth the information that should be included in these updates, and requires they be submitted as Title VI Programs every three years.

The Public Transit Department's review of your Title VI Program considered all elements required by Department of Transportation regulation found at 49 C.F.R. § 21, as outlined in Circular 4702.1B, Chapter III. The review assessment attached to this letter identifies the specific areas reviewed, any concerns, and relevant reviewer comments. XXXXXXXX must promptly address and correct the deficiency concerns identified in the review assessment within 60 days. Notify the City of Phoenix, Title VI Coordinator when this has been completed.

Your program status is now *Concur*. You must continue to properly implement your program to ensure public transportation services are provided in a nondiscriminatory manner, as required by Title VI of the Civil Rights Act of 1964.

XXXXXXXX plan is good for three years. **Please submit your next triennial Title VI Program plan to the City of Phoenix sixty (60) days prior to the due date of X/XX/XX** along with the requested changes to this submission. The City of Phoenix has implemented a Title VI Annual reporting requirement attached to this document. The annual reporting period will begin on October 1st through September 30th of each year. The Annual Title VI report must be returned to the City of Phoenix Title VI Coordinator no later than October 15th of each year.

Sincerely,


Antionette Cooper
Civil Rights Program Manager

302 N. 1st Ave, Suite 900 • Phoenix, Arizona 85009 • 602-262-7242

TABLE 11: SUBRECIPIENT MONITORING SCHEDULE AND TITLE VI PLAN EXPIRATION DATES



Title VI Program Subrecipient Monitoring Schedule

All Title VI plans are reviewed every three years. The following outlines the City of Phoenix Public Transit monitoring schedule for all City of Phoenix federally funded recipients:

FTA 4702.1B

Activities for each review cycle 1 through 3	
Subrecipient Training and Kickoff Meeting	Once Annually
Subrecipient Title VI Draft Due	60 days prior to current plan expiration date
Comments provided back to recipients from the City of Phoenix	Within 30 days of receipt
Subrecipients provide Final Title VI Plan with Board of Director's approval	Varies depending on plan expiration
City of Phoenix to complete concurrence and plan review assessment	Within 30 days of final plan submission
Annual Title VI Reporting form	Once Annually – October 15 th each year

List of City of Phoenix Subrecipients and Title VI Plan expiration dates

The table below reflects subrecipients awarded FTA section 5307 & 5310 grant funds.

Cycle 1: January 2025 – December 2025			
	Subrecipient	Plan Expires	Agency Type/ Funding Type
1	Arizona Center for the Blind and Visually Impaired	November 2025	5310 Non-profit
2	Arizona Recreation Center for the Handicapped	February 2025	5310 Non-profit
3	Chandler Gilbert ARC	February 2025	5310 Non-profit
4	City of Avondale	February 2025	5307 Public
5	City of Chandler	February 2025	5307 Public

Cycle 1: January 2025 – December 2025 Continued			
6	City of El Mirage	May 2025	5307 Public
7	City of Glendale	February 2025	5307 Public
8	City of Goodyear	July 2025	5307 Public
9	City of Mesa	May 2025	5307 Public
10	City of Peoria	April 2025	5307 Public
11	City of Surprise	March 2025	5307 Public
12	City of Tempe	March 2025	5307 Public
13	Development Enrichment Centers	May 2025	5310 Non-profit
14	Friendship Village	February 2025	5310 Non-profit
15	Hacienda Healthcare	February 2025	5310 Non-profit
16	Horizon Health and Wellness	February 2025	5310 Non-profit
17	Marc Community Resources	November 2025	5310 Non-profit
18	Northwest Valley Connect	February 2025	5310 Non-profit
19	One Step Beyond (OSBI)	February 2025	5310 Non-profit
20	Scottsdale Training and Rehabilitation Services (STARS)	May 2025	5310 Non-profit
21	Southern AZ Associations for Visually Impaired (SAAVI)	April 2025	5310 Non-profit
22	Tanner Community Development Corporation	October 2025	5310 Non-profit
23	Town of Guadalupe	December 2025	5307 Public
24	Treasure House	June 2025	5310 Non-profit
25	United Cerebral Palsy Association of Central Arizona, Inc. (UCP)	February 2025	5310 Non-profit

Cycle 2: January 2026 – December 2026			
	Subrecipient	Plan Expires	Agency Type/ Funding Type
26	Aster Aging	September 2026	5310 Non-profit
27	Beacon Group	March 2026	5310 Non-profit
28	Central AZ Council on Developmental Disabilities (CACDD)	December 2026	5310 Non-profit
29	Center for Health and Recovery (CHR)	April 2026	5310 Non-profit
30	City of Scottsdale	January 2026	5307 Public
31	City of Tolleson	May 2026	5307 Public
32	Civitan Foundation	October 2026	5310 Non-profit
33	Foundation for Senior Living (FSL)	November 2026	5310 Non-profit
34	Goldensun Peace Ministries	March 2026	5310 Non-profit
35	Independence Plus (Ind Plus)	April 2026	5310 Non-profit
36	Lifewell Behavioral Wellness	November 2026	5310 Non-profit
37	Native American Connections	December 2026	5310 Non-profit
38	NAU Center for Service and Volunteerism	July 2026	5310 Non-profit

Cycle 3: January 2027 – December 2027			
	Subrecipient	Plan Expires	Agency Type/ Funding Type
39	Ability 360	September 2027	5310 Non-profit
40	ACCEL	August 2027	5310 Non-profit
41	Ahwatukee Foothills Family YMCA (YOPUS)	October 2027	5310 Non-profit
42	Arizona United Spinal Cord Injury Association (AZSCIA)	January 2027	5310 Non-profit
43	Beatitudes Campus	March 2027	5310 Non-profit
44	Benevilla	November 2024	5310 Non-profit
45	City of Buckeye	September 2024	5307 Public

Cycle 3: January 2027 – December 2027 Continued			
46	Foothills Caring Corps	November 2027	5310 Non-profit
47	Gompers	January 2027	5310 Non-profit
48	Hope Lives	August 2027	5310 Non-profit
49	Lura Turner Homes	March 2027	5310 Non-profit
50	Nobody's Perfect	May 2027	5310 Non-profit
51	Opportunity Tree	June 2027	5310 Non-profit
52	Rise Services	February 2027	5310 Non-profit
53	Stand Together and Recover	December 2027	5310 Non-profit
54	Sun Valley Lodge	April 2027	5310 Non-profit
55	The Centers for Habilitation	October 2027	5310 Non-profit
56	Valley Center for the Deaf	September 2027	5310 Non-profit
57	Valley Life	September 2027	5310 Non-profit
58	Valley Metro	September 2027	5307 Public

CHAPTER 4: SYSTEM-WIDE SERVICE STANDARDS AND POLICIES

SECTION 4.1 OVERVIEW

To comply with FTA Title VI regulations, recipients of federal funding assistance must safeguard against discriminatory actions based on race, color, or national origin by ensuring equal treatment on transit services and maintaining consistent service quality. As the designated recipient of federal funding and a transit service provider for the region, the City of Phoenix is required to establish system-wide service standards and policies for transit service design and delivery. Additionally, the City of Phoenix is obligated to monitor the performance of its transit services relative to these system-wide standards and policies at least every three years.

FTA Circular 4702.1B Chapter IV-4 mandates that all fixed-route transit providers set service standards and policies for each specific fixed-route mode of service they offer. As of April 2024, the City of Glendale, the City of Scottsdale, the Regional Public Transportation Authority (RPTA) (also known as Valley Metro), and the City of Phoenix are the four agencies that directly operate or contract bus services under the Valley Metro brand. The City of Phoenix has coordinated with RPTA to develop a system-wide service standards and policies applicable to the transit services provided by both agencies. The City of Glendale and the City of Scottsdale have the option to adopt the service standards and policies developed by the City of Phoenix and Valley for the transit service they provide for the region. For information on the standards, policies, and the monitoring of services operated by Glendale, Scottsdale, and RPTA, please refer to their respective Title VI programs.

The service standards required by FTA Circular 4702.1B Chapter IV-5 are:

- Vehicle load standard for each mode
- Vehicle headway for each mode
- On-Time Performance for each mode
- Service Availability for each mode.

The service policies required by FTA are:

- Distribution of transit amenities
 - Seating
 - Shelters
 - Passenger Information
 - Escalators
 - Elevators
 - Waste receptacles.
- Vehicle assignment for each mode

SECTION 4.2 SERVICE STANDARDS

4.2.1 VEHICLE LOAD STANDARD

Vehicle load is expressed as the ratio of passengers to the total number of seats on a vehicle. For example, on a 40-seat bus, a vehicle load of 1.3 means all seats are occupied, and there are approximately 12 standing passengers. FTA requires transit providers to establish vehicle load standards for peak and off-peak times for each mode of fixed-route service.

The City of Phoenix vehicle load standard by service mode operated are summarized in Table 12.

TABLE 12: VEHICLE LOAD STANDARD

Service Type	Peak Load*	Off-Peak Load*
Local Fixed Route	1.25	1.25
Commuter Express	1.25	N/A
RAPID Service/Limited Stop	1.25	N/A
Community Circulator	1.35	1.25

*Standard is ratio of seats to overall capacity standard (e.g., 38 seats with load of 1.5 has a load standard of $38 \times 1.5 = 57$)

Peak times are defined as service periods on weekdays between 6:00 a.m. to 9 a.m. and between 2:30 p.m. to 6:00 p.m.

Off-peak times are service outside of peak times including weekends and Holidays.

4.2.2 VEHICLE HEADWAY STANDARD

Vehicle headway is the amount of time between two vehicles traveling in the same direction on a given line or combination of lines. A shorter headway corresponds to more frequent service. Vehicle headways are measured in minutes, while service frequency is measured in vehicles per hour.

The City of Phoenix Vehicle Headway Standards are based on the region's Transit Standards and Performance Measures (TSPM). These are standards and performance measures have been agreed upon for services operating under the Valley Metro Brand. Table 13 represents the vehicle headway standards for the City of Phoenix and the region:

TABLE 13: VEHICLE HEADWAY STANDARD

Service Type	Minimum Headway or Daily Trips ¹	Minimum Span Week / Sat / Sun	Minimum Operating Days
Dial-a-Ride (ADA)	NA	ADA service shall be available throughout the same hours and days as fixed route service	
Vanpool	NA	NA	NA
Demand Response/Flex Route	NA	NA	NA
Rural Connector	4 trips inbound / 4 trips outbound	NA	Mon – Fri
Community/Circulator	30 min	12 hrs / 0 hrs / 0 hrs	Mon – Fri
Local Bus	30 min ²	16 hrs / 14 hrs / 12 hrs	Mon – Sun
Key Local Bus	15 min peak / 30 min base	16 hrs / 14 hrs / 12 hrs	Mon – Sun
Limited Stop Peak	4 trips AM / 4 trips PM	NA	Mon – Fri
Limited Stop All-Day	Headways same as LRT, up to 2X Peak	16 hrs / 14 hrs / 12 hrs (Same as LRT)	Mon – Fri
Commuter Express	4 trips AM / 4 trips PM	NA	Mon – Fri
Light Rail Transit	12 min all day / 20 min base	18 hrs / 14 hrs / 12 hrs	Mon – Sun
Streetcar ³	12 min all day / 20 min base	18 hrs / 14 hrs / 12 hrs	Mon – Sun
Bus Rapid Transit ³	12 min all day / 20 min base	18 hrs / 14 hrs / 12 hrs	Mon – Sun

¹ Standards require service to be bi-directional unless otherwise noted

² 60 minute frequency during off-peak hours (before 6:00 AM and after 6:00 PM)

³ New Service Type

4.2.3 ON-TIME PERFORMANCE STANDARD

On-time performance measures how well transit runs adhere to their schedules. To define what constitutes “on time,” a transit provider may consider it a vehicle acceptable if completes a scheduled run between zero and five minutes late compared to the established schedule. On-time performance can be measured against route origins and destinations only, or against origins and destinations as well as specified time points along the route. Some transit providers set on-time performance standards that prohibit vehicles from running early while others allow vehicles to run early within a specified window of time. An acceptable level of performance is typically defined as a percentage.

The City of Phoenix calculates on-time performance for fixed-route bus service by obtaining departure times at all designated time points along a route, including published time points contained within a route schedule. For the region’s bus services, a bus is considered on time if it arrives at a time point no more than one minute before the scheduled time and departs no more than five minutes and fifty-nine seconds past the scheduled time. A bus is considered early if it departs at a time point one or more minutes before the scheduled time, and late if it departs a time point six or more minutes past the scheduled time.

The City of Phoenix On-Time Performance Standard for fixed-route transit service is 85% for local bus, express bus, and circulators.

4.2.4 SERVICE AVAILABILITY STANDARD

Service availability measures the distribution of routes within a transit provider’s service area. The City of Phoenix’s Service Availability Standard mandates that at least 75% of the city’s population should reside in census block groups located within one-half mile of fixed-route service.

SECTION 4.3 SERVICE POLICIES

4.3.1 DISTRIBUTION OF TRANSIT AMENITY POLICY

Transit amenities refer to items of comfort, convenience, and safety available to the general riding public. As required by FTA, the City of Phoenix as a transit provider, must establish a policy to ensure the equitable distribution of transit amenities across the system. The City of Phoenix's transit amenities distribution policy applies only to amenities within the city boundaries, as those are the only transit amenities over which the City has decision-making authority.

Since January 2016, the City of Phoenix has maintained a policy to provide amenities at all bus stop locations, which may include shade structures, seating, and trash receptacles. This policy is implemented as funding is approved and allocated for new shade structures and associated amenities. Maintaining all existing bus stops in a state of good repair is a top priority, with funding allocations directed accordingly.

Seating: Seating is a standard amenity provided by the City of Phoenix at transit centers and park-and-ride locations with the number of seats determined by the ridership levels at each transit center. At bus stops, seating is considered an optional amenity, with priority given to stops with higher ridership.

Shelters: Shelters or shade structures are a standard amenity provided by the City of Phoenix at transit centers and park-and-ride locations. The number of shelters or shade structures provided are determined by the ridership levels at each transit center. At bus stops, shelters or shade structures are considered an optional amenity with priority given to stops with higher ridership.

Passenger Information - Bus Stop signs: There are approximately 4,000 bus stops within the City of Phoenix. Every bus stop has a bus stop sign and/or shelters indicating this is a transit stop. In downtown Phoenix where many bus routes service the same bus stop, Phoenix provides route identifiers on the bus stop signs to help passengers navigate to the correct bus stop.

Stop IDs: All bus stops in City of Phoenix have a unique stop identification number that can be used by passengers to access scheduled and real-time information on bus arrivals and departures. Passengers can utilize the region's NextRide program by calling (602) 253-5000 or texting the stop ID to 22966. The Stop ID can also be used to look up transit information at valleymetro.org or through various third-party transit applications. At bus stops and transit centers, NextRide IDs are posted on the stop signpost, shelter, or on system map displays where available.

Route Maps and Schedules: The City of Phoenix provides route maps and schedules at transit centers and park-and-rides. In Downtown Phoenix, select high-ridership bus stops served by multiple routes feature displays that provide transit information, including the routes servicing the stop and the scheduled arrival times.

Escalators: The City of Phoenix does not have any transit centers or bus stops with escalators. Regional transit amenities may include escalators at stations not at grade.

Elevators: The City of Phoenix does not have any transit centers or bus stops with elevators. Regional transit amenities may include elevators at stations not at grade.

Waste Receptacles: Waste receptacles are a standard feature provided by the City of Phoenix at transit centers. All bus stops with shelters are equipped with waste receptacle, and at higher ridership stops, multiple waste receptacles may be provided.

TABLE 14: TRANSIT AMENITIES

Distribution of Transit Amenities			
Transit Amenities	Transit Centers	Bus Stops	
Seating	Provided	Optional-ridership	Provided based on
Shelters	Provided	Optional-ridership	Provided based on
Passenger Information	Provided- System Maps, Route Identifier, Stop ID	Provided- Bus stop Sign, Stop ID	
Escalators	Provides escalators and/or elevators at stations not at grade	Provides escalators and/or elevators at stations not at grade	
Elevators	Provides escalators and/or elevators at stations not at grade	Provides escalators and/or elevators at stations not at grade	
Waste Receptacles	Provided	Optional-Provided	based on ridership

4.3.2 VEHICLE ASSIGNMENT POLICY

Vehicle assignment refers to the process by which transit vehicles are allocated to depots and routes throughout the transit provider’s system. Incompliance with FTA regulations, the City of Phoenix’s vehicle assignment policy aims to prevent discrimination against minority populations.

The City of Phoenix operates local bus service from the North, South, and West garages, all of which are currently contracted to a single service provider. Multiple bus types are assigned to each garage based on the routes operated from each respective location. Typical 40-foot or articulated buses are assigned to local routes, with articulated vehicles allocated to high ridership blocks. RAPID vehicles are assigned to RAPID routes, with articulated RAPID vehicles designated for higher-ridership blocks. Circulator vehicles are exclusively assigned to circulator routes.

To ensure equitable vehicle assignment, the City of Phoenix’s policy mandates that the average age of vehicle assigned to predominantly minority routes should be approximately equal to the average age of vehicles assigned to other routes of the same type.

CHAPTER 5: DEMOGRAPHIC DATA AND MAPS

SECTION 5.1 DEMOGRAPHIC DATA OVERVIEW

As noted in FTA C4702.1B Chapter IV Section 5, transit providers that operate 50 or more fixed-route vehicles in peak service located in Urbanized Areas (UZA) with populations of 200,000 or more are required to prepare demographic and service profile maps and charts, as well as customer demographics and travel patterns.

The City of Phoenix uses demographic data to assess equity of services, facilities, and amenity distribution in relation to minority, low-income and limited English proficient populations. This data enables the City to monitor ongoing service performance, analyze the impacts of policies and programs on these populations, and take appropriate measures to avoid or mitigate potential disparities. The maps and charts must be updated: 1) at least every three years, 2) after each release Federal census data, and 3) when there are significant changes in the transit system.

The following maps and charts are listed in Section 5.2

- Map 3: Valley Metro Services – By Operator
- Map 4 Transit Trip Generators
- Map 5: Recent and Planned Improvements
- Map 6: Valley Metro Service with Minority Population
- Map 7: Transit Trip Generators with Minority Population
- Map 8: Recent and Planned Improvements with Minority Populations
- Map 9: Valley Metro Service with Low-Income Populations
- Map 10: Transit Trip Generators with Low-Income Populations
- Map 11: Recent and Planned Improvements with Low-Income Populations
- Map 12: Phoenix Facilities with Minority Populations
- Map 13: Phoenix Facilities with Low-Income Populations
- Table 15: Minority Block Group Chart (2022 ACS)

Information on the race, color, national origin, English proficiency, language spoken at home, household income and travel patterns of riders in the Phoenix transit system is collected through the region's Origin and Destination Survey. The most recent survey was conducted in 2023. Section 5.4 includes Valley Metro's 2023 Origin and Destination Survey Final Report.

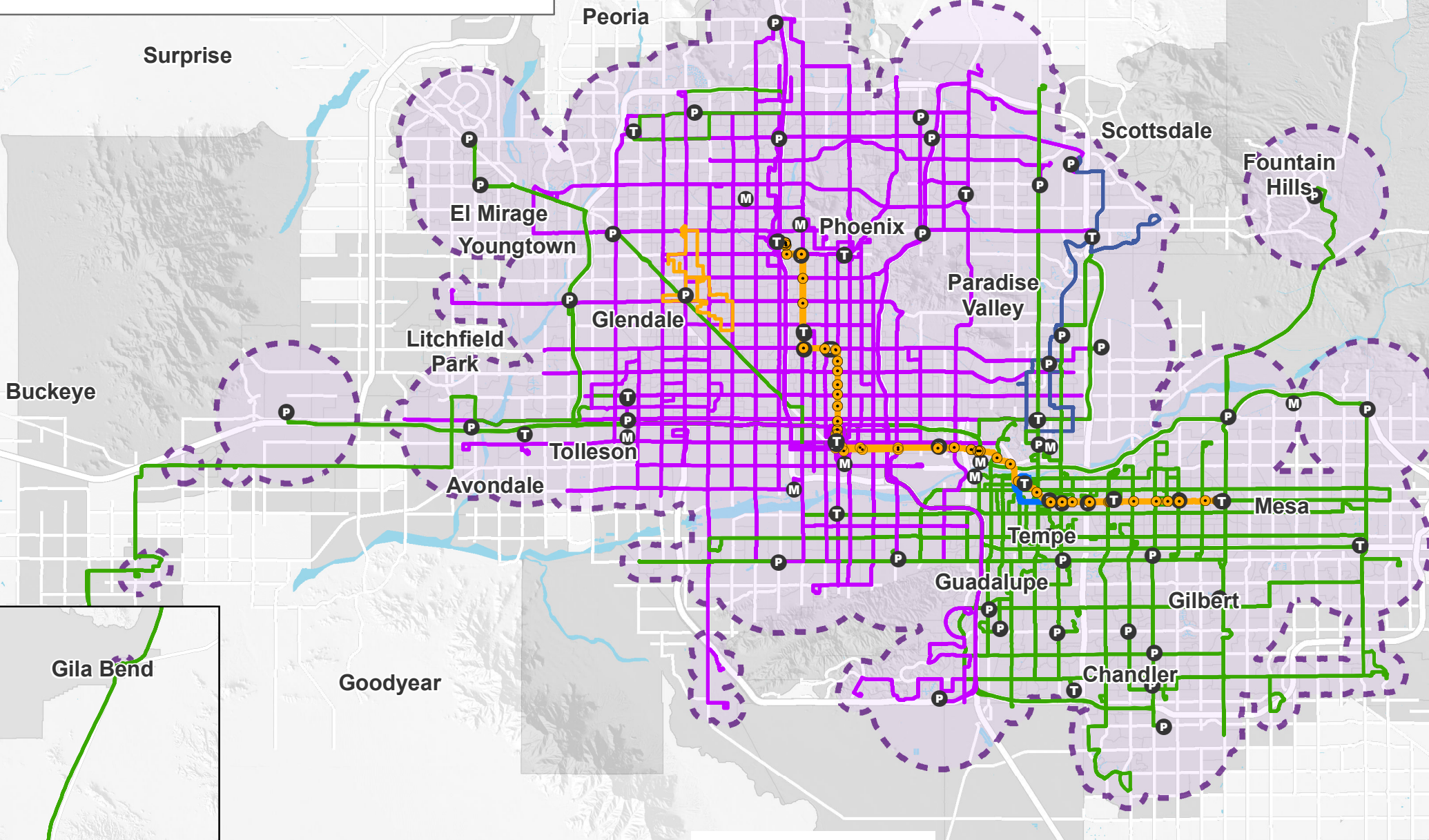
SECTION 5.2 CITY OF PHOENIX TITLE VI MAPS

City of Phoenix Title VI Maps 2024



City of Phoenix Public Transit Department

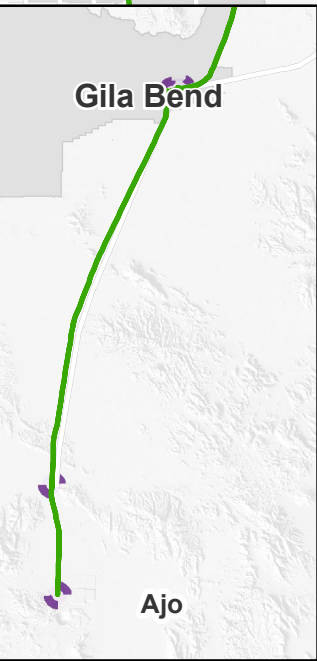
MAP 3 VALLEY METRO SERVICE-BY OPERATOR



- Valley Metro Light Rail
- Valley Metro Streetcar
- Service Area
- Freeways
- Major Streets
- Census Block Groups

- Bus Operator (April 2024)**
- Glendale
 - Phoenix
 - RPTA
 - Scottsdale

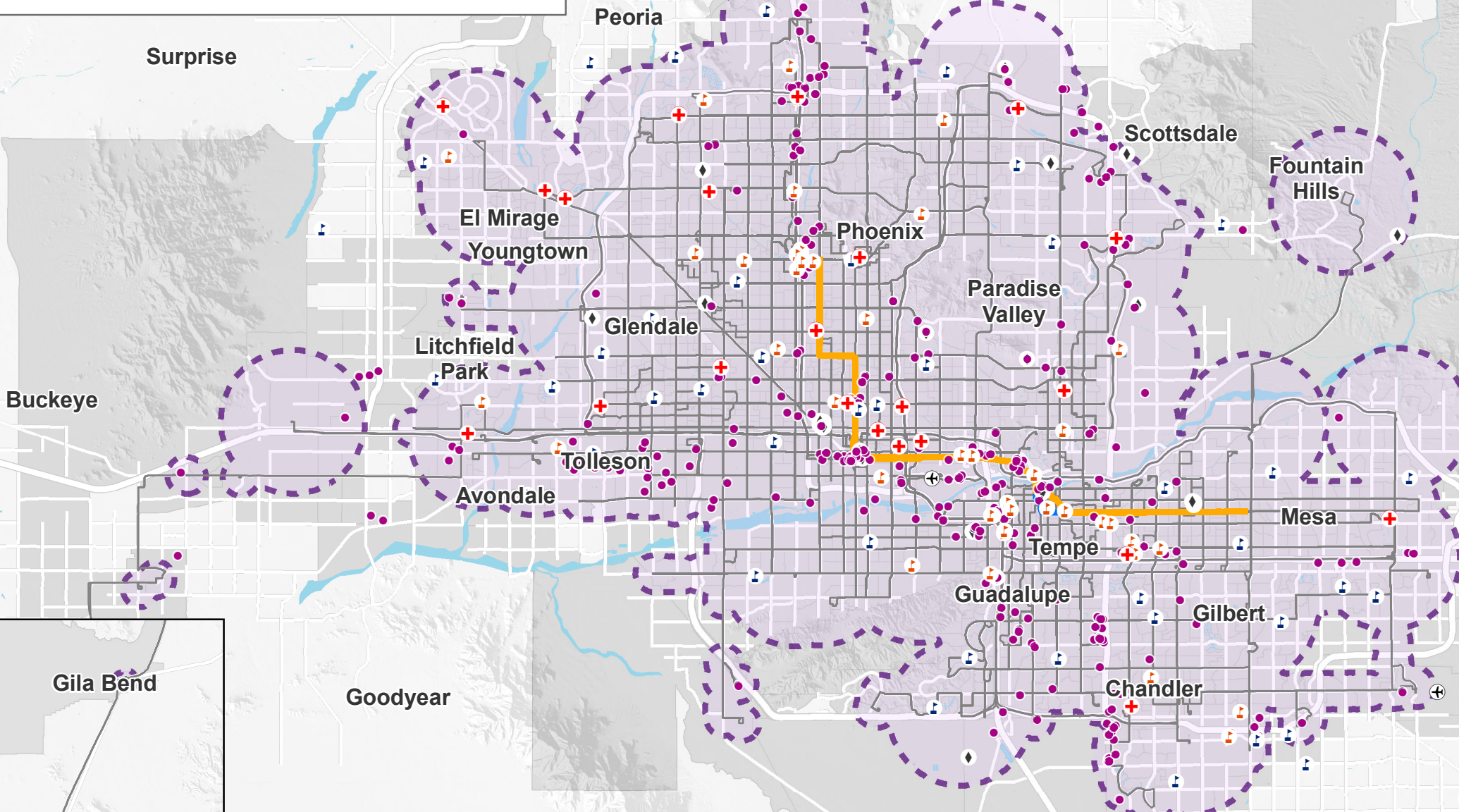
- Transit Facilities**
- Light Rail Stations
 - M O&M Facility
 - A Administration Facility
 - T Transit Centers
 - P Park-and-Rides
















Source: City of Phoenix Public Transit (April 2024 Service)



MAP 4 TRANSIT MAJOR TRIP GENERATORS



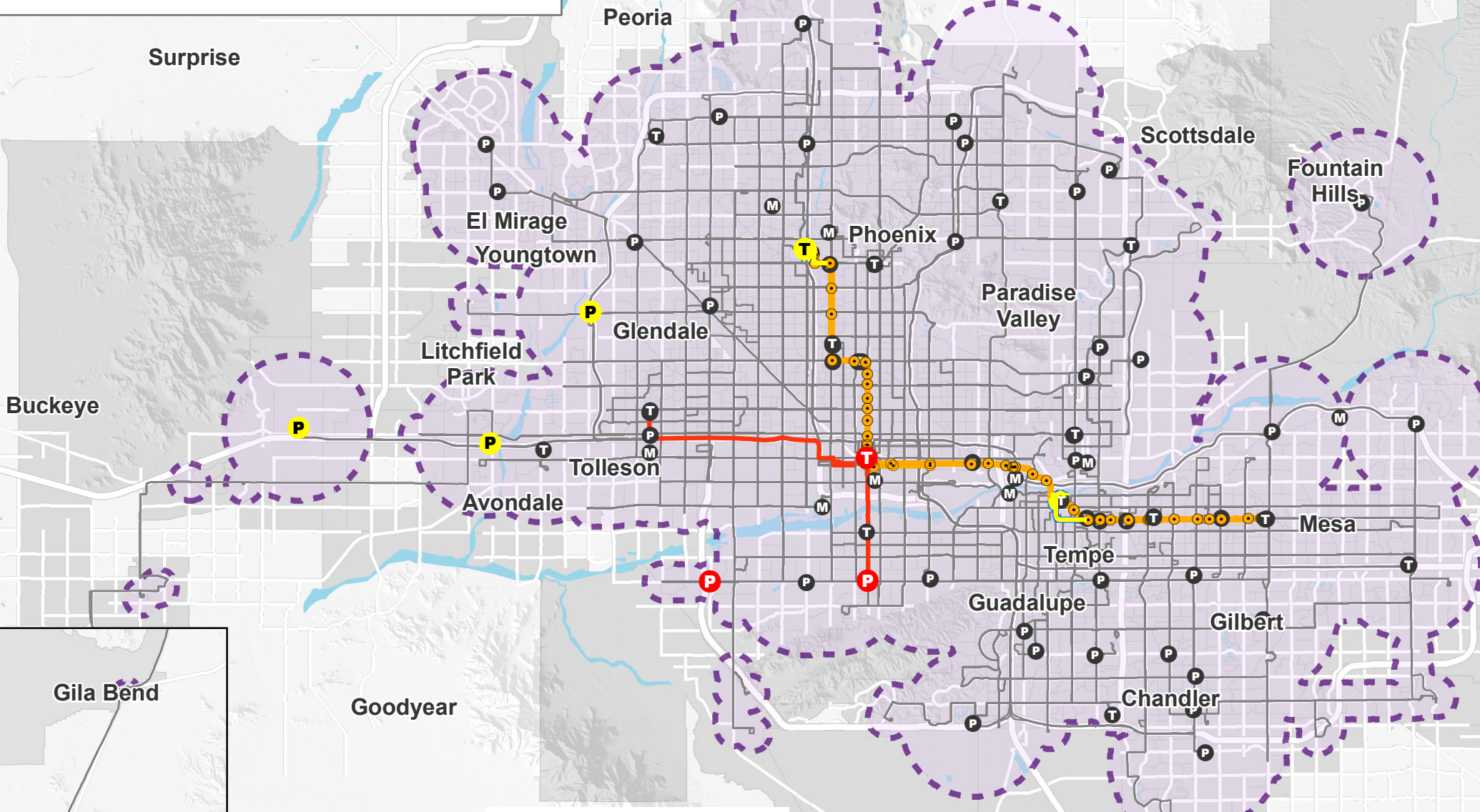
 Valley Metro Light Rail	Trip Generators
 Valley Metro Streetcar	 Hospitals (>200 Beds)
 Bus Routes (April 2024)	 College and Universities (>500 Students)
 Service Area	 Schools (>2000 Students)
 Freeways	 Major Employers (>500 Employees)
 Major Streets	 Convention Center/ Fairgrounds
 Census Block Groups	 Airport

Data Source: Maricopa Association of Governments
 Homeland Infrastructure Foundation-Level Data



Service Area: 3/4 Mile from transit stops. 3 Mile from Express stops

MAP 5 RECENT AND PLANNED IMPROVEMENTS

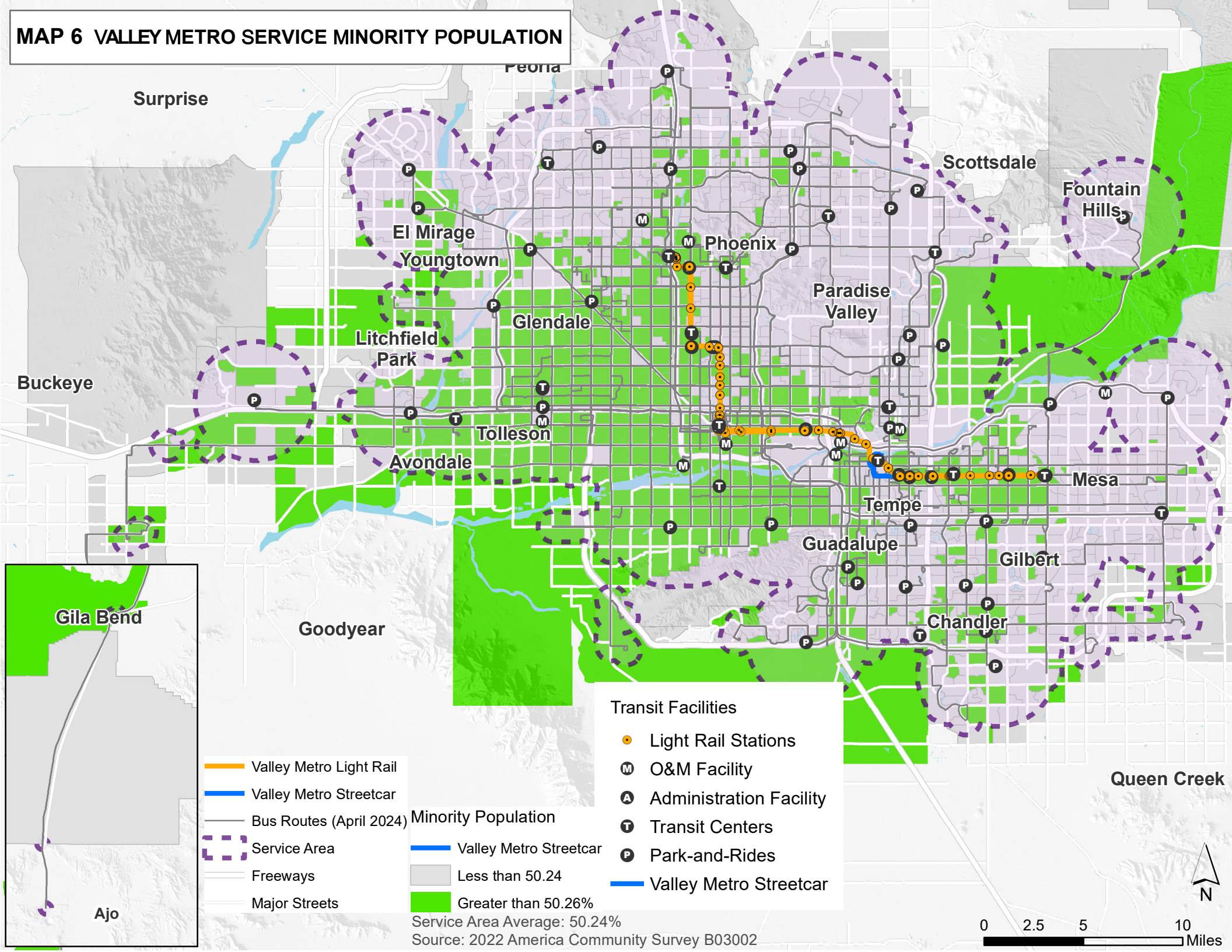


<ul style="list-style-type: none"> Valley Metro Light Rail Valley Metro Streetcar Bus Routes (April 2024) Service Area Freeways Major Streets 	<p>Transit Facilities</p> <ul style="list-style-type: none"> O&M Facility Administration Facility Transit Centers Park-and-Rides Light Rail Stations 	<p>Planned Improvements</p> <ul style="list-style-type: none"> Operations and Maintenance Park-and-Ride Transit Center Rail 	<p>Recent Improvements (Since 2021)</p> <ul style="list-style-type: none"> Park-and-Ride Rail Station Transit Center Rail
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Planned Improvements: MAG Transportation Improvement Program



MAP 6 VALLEY METRO SERVICE MINORITY POPULATION



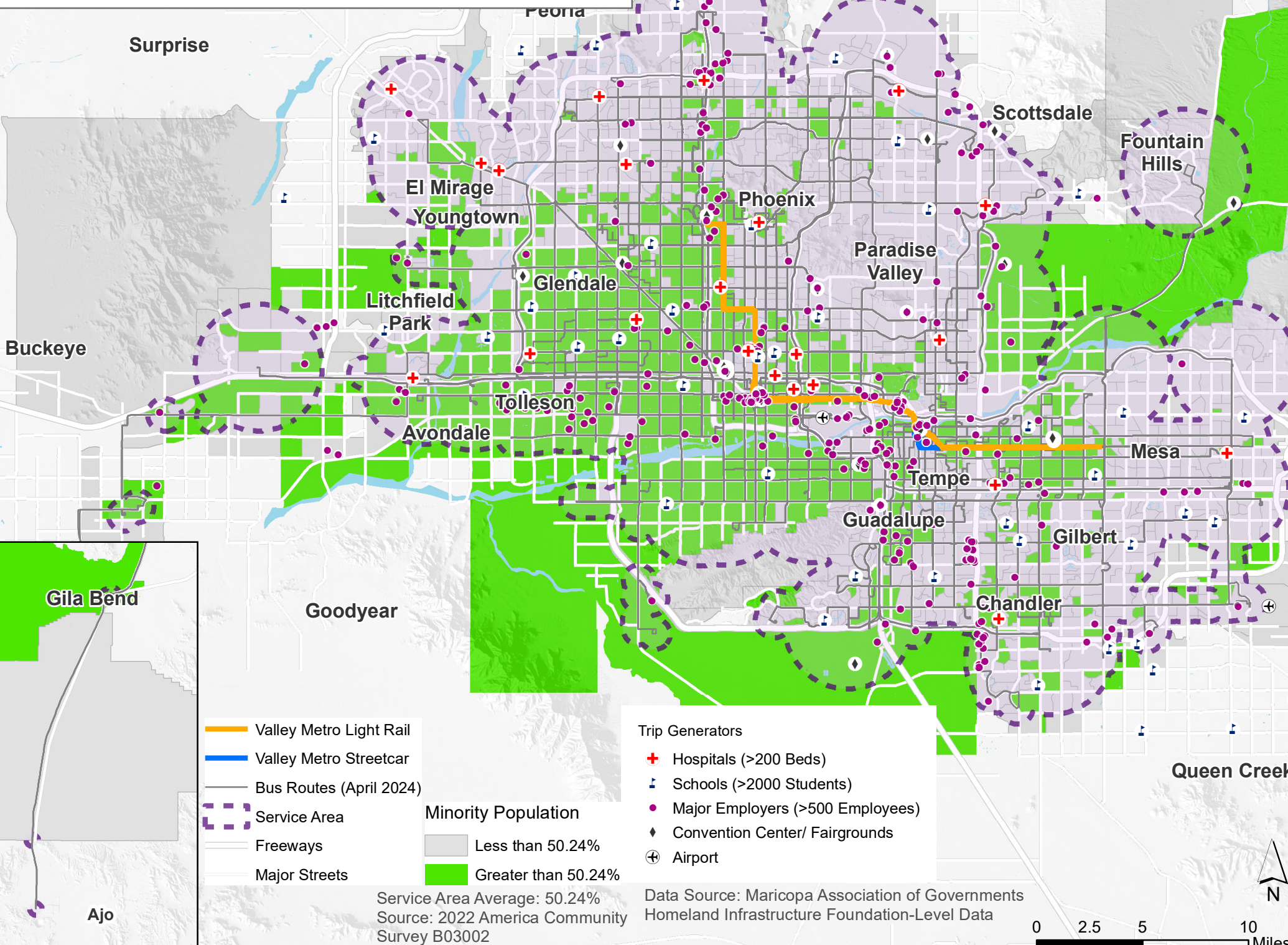
- Valley Metro Light Rail
- Valley Metro Streetcar
- Bus Routes (April 2024)
- Service Area
- Freeways
- Major Streets

- ### Minority Population
- Less than 50.24
 - Greater than 50.26%
- Service Area Average: 50.24%

- ### Transit Facilities
- Light Rail Stations
 - O&M Facility
 - Administration Facility
 - Transit Centers
 - Park-and-Rides
 - Valley Metro Streetcar

Source: 2022 America Community Survey B03002

MAP 7 TRANSIT TRIP GENERATORS MINORITY POPULATION



- Valley Metro Light Rail
- Valley Metro Streetcar
- Bus Routes (April 2024)
- Service Area
- Freeways
- Major Streets

Minority Population

- Less than 50.24%
- Greater than 50.24%

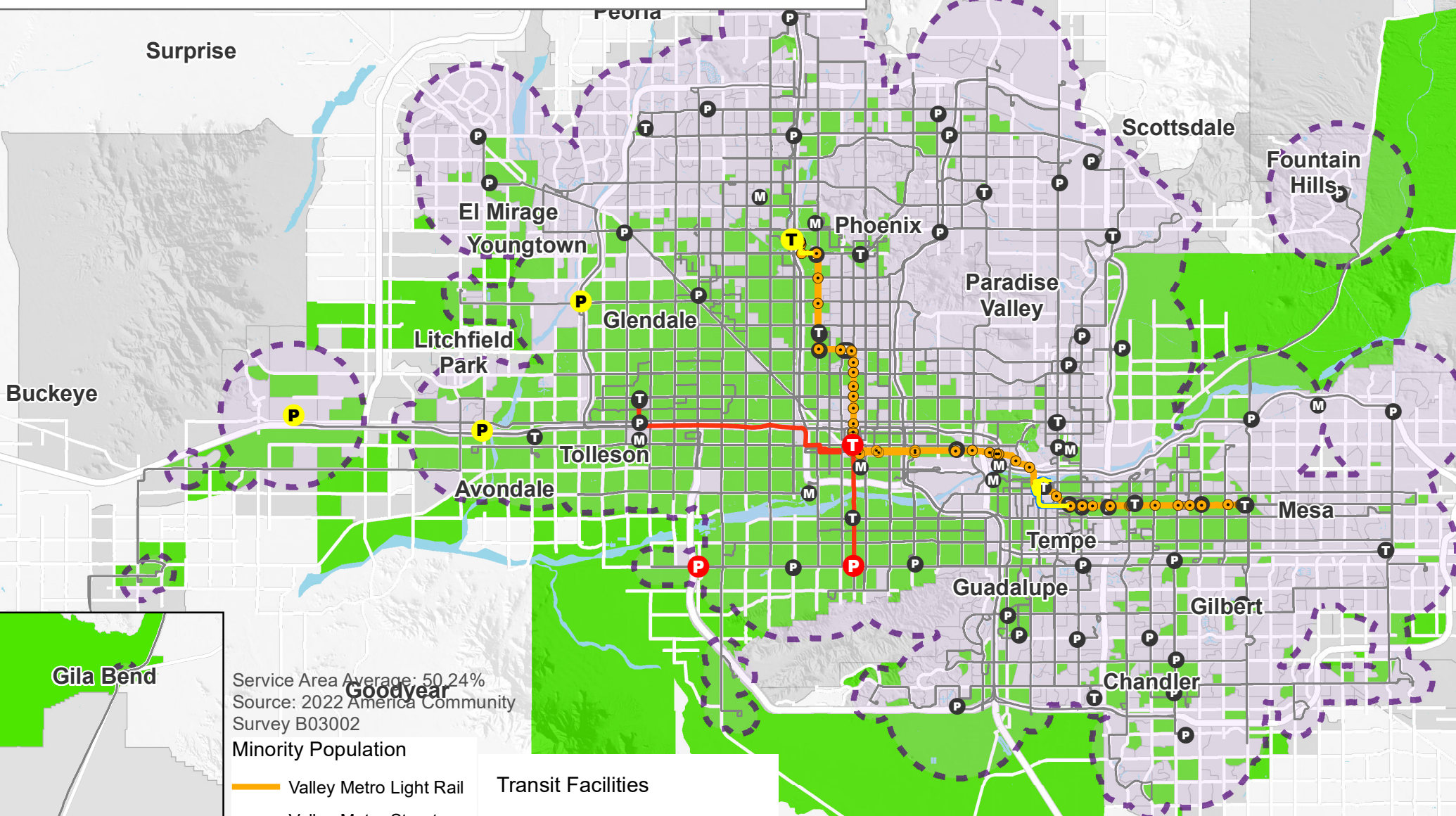
- Trip Generators**
- + Hospitals (>200 Beds)
 - + Schools (>2000 Students)
 - Major Employers (>500 Employees)
 - ◆ Convention Center/ Fairgrounds
 - ⊕ Airport

Service Area Average: 50.24%
 Source: 2022 America Community Survey B03002

Data Source: Maricopa Association of Governments
 Homeland Infrastructure Foundation-Level Data



MAP 8 RECENT AND PLANNED IMPROVEMENTS MINORITY POPULATION



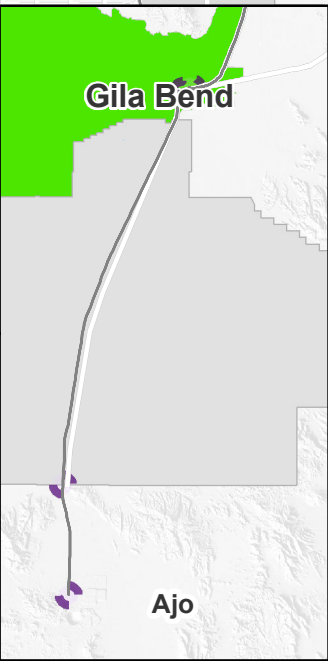
Service Area Average: 50.24%
 Source: 2022 America Community Survey B03002

- Minority Population**
- Valley Metro Light Rail
 - Valley Metro Streetcar
 - Bus Routes (April 2024)
 - Service Area
 - Freeways
 - Major Streets
 - Less than 50.24%
 - Greater than 50.24%

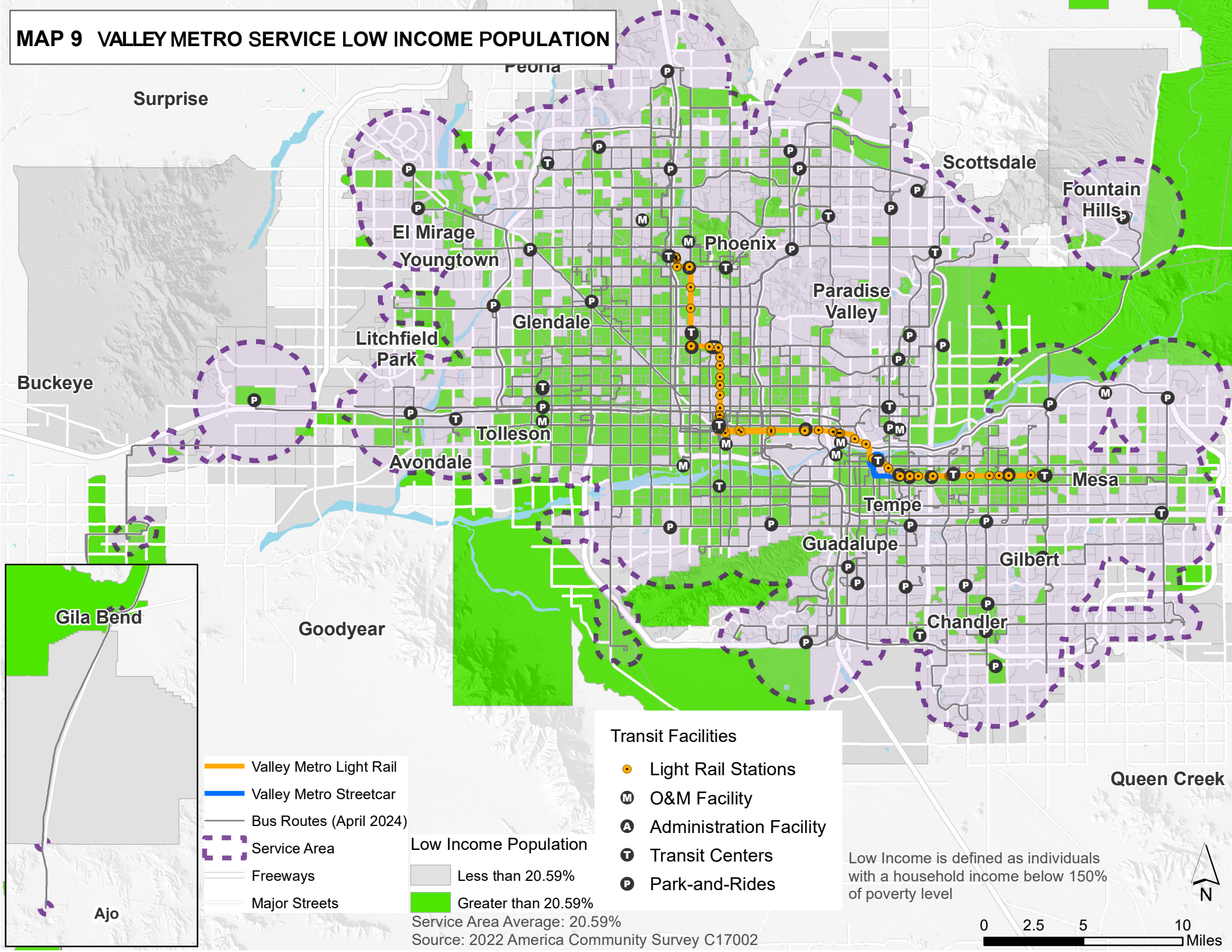
- Transit Facilities**
- Light Rail Stations
 - O&M Facility
 - Administration Facility
 - Transit Centers
 - Park-and-Rides
 - Valley Metro Streetcar

- Planned Improvements**
- Operations and Maintenance
 - Park-and-Ride
 - Transit Center
 - Rail
 - Valley Metro Streetcar







- Recent Improvements (Since 2021)**
- Park-and-Ride
 - Rail Station
 - Transit Center
 - Rail
 - Valley Metro Streetcar





MAP 9 VALLEY METRO SERVICE LOW INCOME POPULATION








MAP 9 VALLEY METRO SERVICE LOW INCOME POPULATION

-  Valley Metro Light Rail
-  Valley Metro Streetcar
-  Bus Routes (April 2024)
-  Service Area
-  Freeways
-  Major Streets

- Low Income Population**
-  Less than 20.59%
 -  Greater than 20.59%

Service Area Average: 20.59%
 Source: 2022 America Community Survey C17002

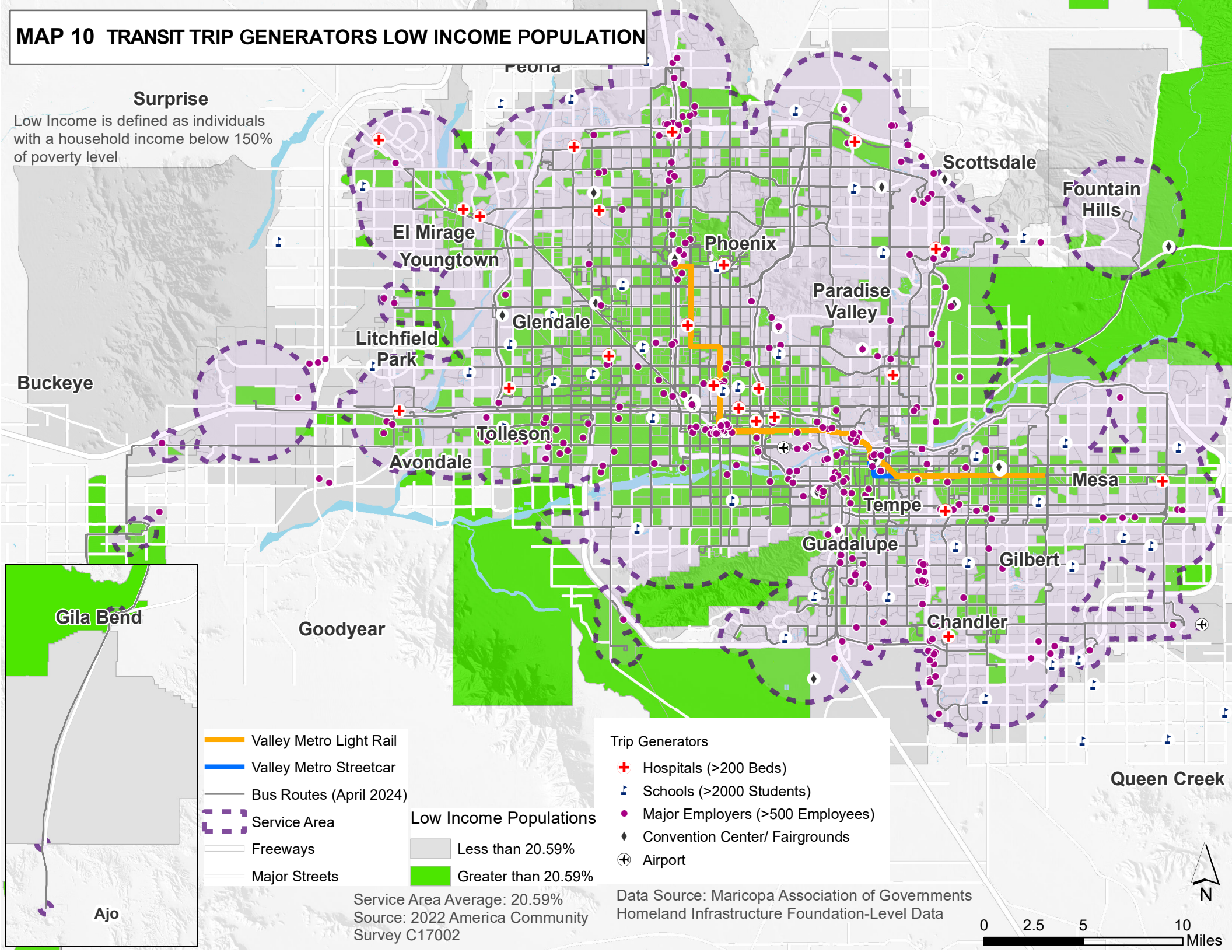
- Transit Facilities**
-  Light Rail Stations
 -  O&M Facility
 -  Administration Facility
 -  Transit Centers
 -  Park-and-Rides

Low Income is defined as individuals with a household income below 150% of poverty level



MAP 10 TRANSIT TRIP GENERATORS LOW INCOME POPULATION

Surprise
 Low Income is defined as individuals with a household income below 150% of poverty level



- Valley Metro Light Rail
- Valley Metro Streetcar
- Bus Routes (April 2024)
- Service Area
- Freeways
- Major Streets

- Low Income Populations**
- Less than 20.59%
 - Greater than 20.59%

- Trip Generators**
- + Hospitals (>200 Beds)
 - + Schools (>2000 Students)
 - Major Employers (>500 Employees)
 - ◆ Convention Center/ Fairgrounds
 - ⊕ Airport

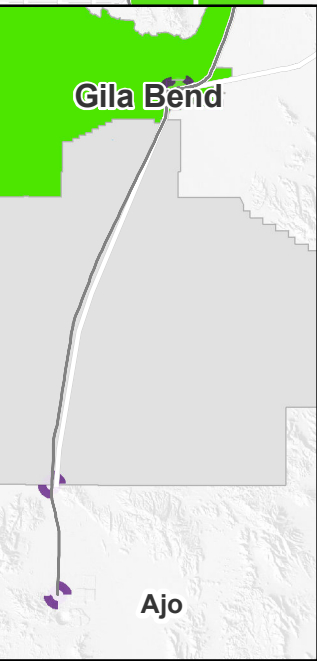
Service Area Average: 20.59%
 Source: 2022 America Community Survey C17002

Data Source: Maricopa Association of Governments
 Homeland Infrastructure Foundation-Level Data



MAP 11 RECENT AND PLANNED IMPROVEMENTS LOW INCOME POPULATION

Surprise
 Low Income is defined as individuals with a household income below 150% of poverty level



Service Area Average: 20.59%
 Source: 2022 America Community Survey C17002

Low Income Population

- Valley Metro Light Rail
- Valley Metro Streetcar
- Bus Routes (April 2024)
- Service Area
- Freeways
- Major Streets
- Less than 20.59%
- Greater than 20.59%

Transit Facilities

- Light Rail Stations
- O&M Facility
- Administration Facility
- Transit Centers
- Park-and-Rides

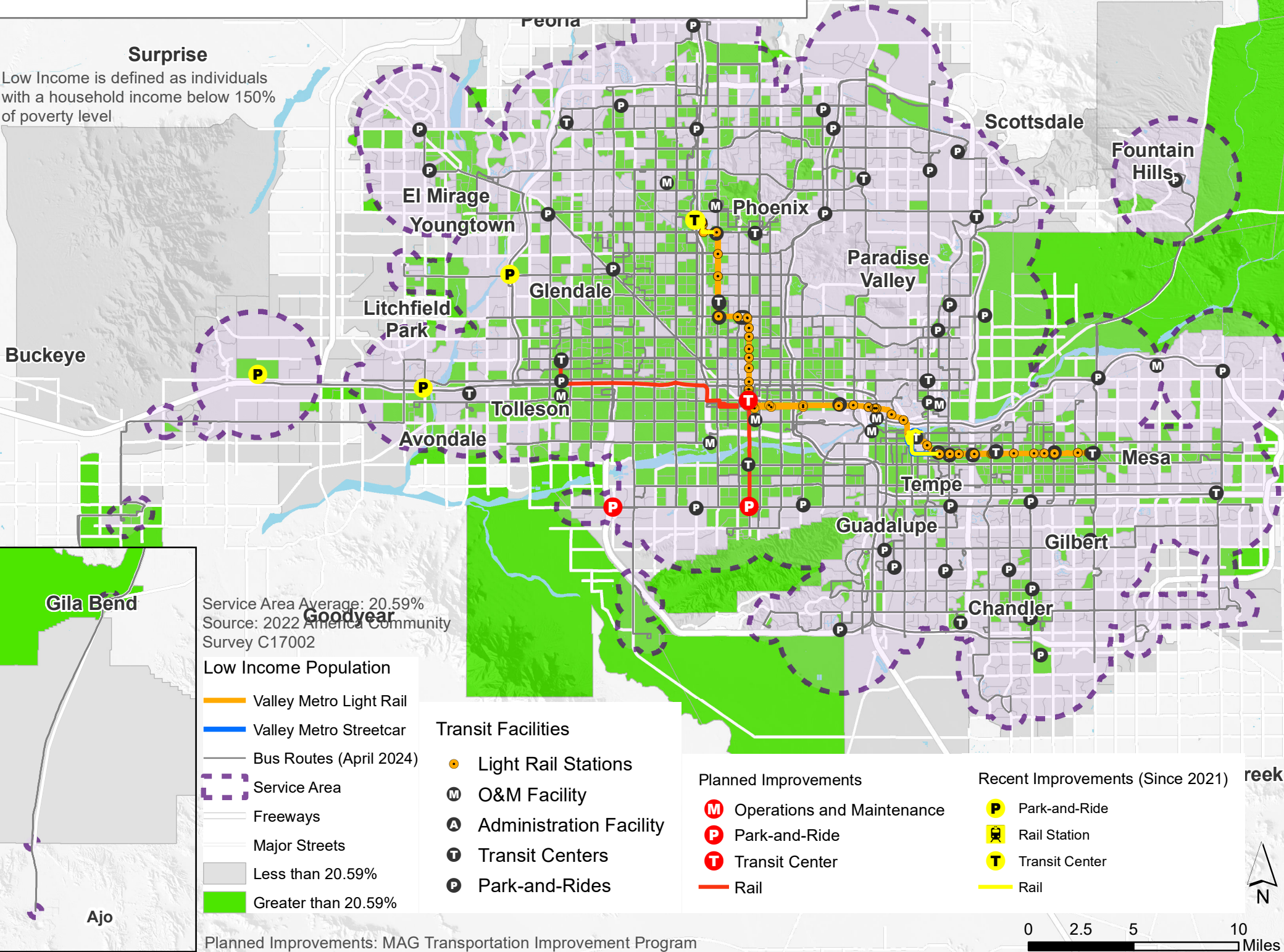
Planned Improvements

- Operations and Maintenance
- Park-and-Ride
- Transit Center
- Rail

Recent Improvements (Since 2021)








- Park-and-Ride
- Rail Station
- Transit Center
- Rail

Planned Improvements: MAG Transportation Improvement Program







MAP 12 PHOENIX FACILITIES MINORITY POPULATION

Recent Improvements (Since 2021)






-  Park-and-Ride
-  Rail Station
-  Transit Center
-  Rail
-  Bus Stops Recently Improved (Since 2021)
-  Furnished Bus Stops
-  Bus Stops

Planned Improvements









-  Operations and Maintenance
-  Park-and-Ride
-  Transit Center
-  Rail

Planned Improvements:
MAG Transportation Improvement Program

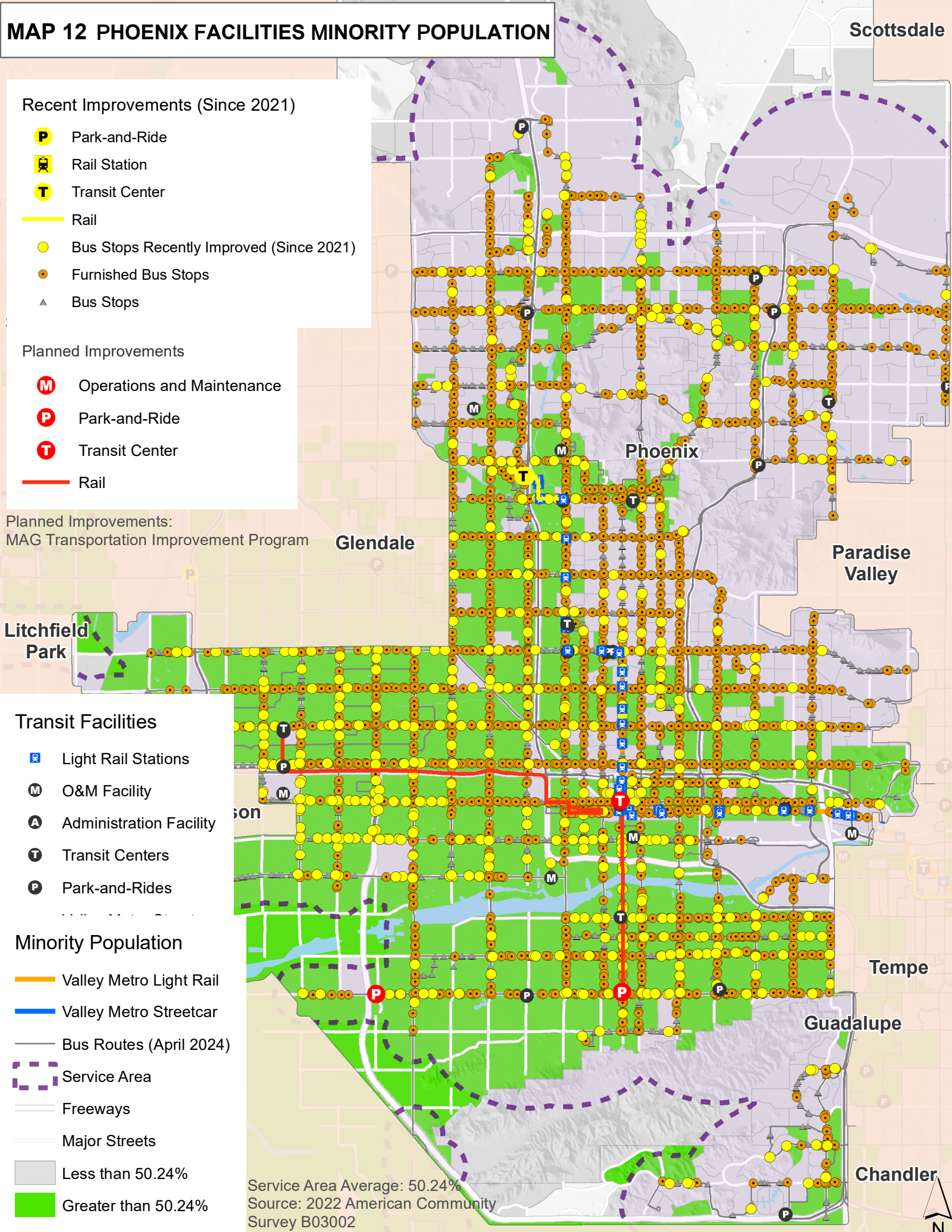
Transit Facilities

-  Light Rail Stations
-  O&M Facility
-  Administration Facility
-  Transit Centers
-  Park-and-Rides

Minority Population

-  Valley Metro Light Rail
-  Valley Metro Streetcar
-  Bus Routes (April 2024)
-  Service Area
-  Freeways
-  Major Streets
-  Less than 50.24%
-  Greater than 50.24%








Service Area Average: 50.24%
Source: 2022 American Community Survey B03002







MAP 13 PHOENIX FACILITIES LOW INCOME POPULATION

Scottsdale

Recent Improvements (Since 2021)

-  Park-and-Ride
-  Rail Station
-  Transit Center
-  Rail
-  Bus Stops Recently Improved (Since 2021)
-  Furnished Bus Stops
-  Bus Stops

Planned Improvements

-  Operations and Maintenance
-  Park-and-Ride
-  Transit Center
-  Rail

Planned Improvements:
MAG Transportation Improvement Program

Low Income is defined as individuals
with a household income below 150%
of poverty level






Litchfield
Park

Glendale









Phoenix

Paradise
Valley

Transit Facilities

-  Light Rail Stations
-  O&M Facility
-  Administration Facility
-  Transit Centers
-  Park-and-Rides

Low Income Populations

-  Valley Metro Light Rail
-  Valley Metro Streetcar
-  Bus Routes (April 2024)
-  Service Area
-  Freeways
-  Major Streets
-  Less than 20.59%
-  Greater than 20.59%

Service Area Average: 20.59%
Source: 2022 American Community
Survey C17002

Tempe

Guadalupe

Chandler



**TABLE 15: MINORITY POPULATION BY CENSUS BLOCK GROUPS
(2022 ACS)**

GEO ID	Minority Above Average %?	Total Population	White	Hispanic or Latino	Black	American Indian	Asian	Native Hawaiian	Other	TwoRaces
040130101021	No	1226	1222	369	4	0	0	0	0	0
040130101022	No	1916	1714	93	33	0	0	0	13	156
040130101023	No	2703	2594	40	0	0	45	0	0	64
040130101031	No	1476	1455	8	0	0	0	0	0	21
040130101032	No	1973	1950	111	10	0	0	0	0	13
040130101041	No	520	474	0	0	0	27	0	0	19
040130101042	No	1185	1131	33	0	0	0	0	0	54
040130101043	No	1237	1237	0	0	0	0	0	0	0
040130304011	No	1470	1391	44	24	0	24	0	3	28
040130304012	No	1783	1783	32	0	0	0	0	0	0
040130304013	No	1683	1451	14	0	0	69	0	0	163
040130304021	No	746	727	8	0	0	0	0	0	19
040130304022	No	1654	1553	104	0	21	58	0	0	22
040130304023	No	1768	1638	52	0	0	0	0	31	99
040130405021	No	488	469	0	8	11	0	0	0	0
040130405022	No	333	333	27	0	0	0	0	0	0
040130405023	No	1396	1391	272	0	0	0	0	0	5
040130405024	No	888	888	56	0	0	0	0	0	0
040130405025	No	1416	1359	7	16	8	0	0	7	26
040130405061	No	1889	1801	21	0	0	2	0	71	15
040130405062	No	1241	1241	0	0	0	0	0	0	0
040130405063	No	1139	1123	16	0	0	0	0	16	0
040130405064	No	1339	1265	36	0	0	38	0	0	36
040130405071	No	1944	1885	6	27	0	26	0	0	6
040130405072	No	1204	1111	32	29	0	29	0	0	35
040130405073	No	970	844	29	30	9	16	0	29	42
040130405074	No	1660	1604	17	14	12	0	0	17	13
040130405075	No	805	728	0	0	0	34	0	0	43
040130405121	No	1524	1444	12	7	0	28	0	0	45
040130405131	No	1460	1418	24	11	0	9	0	0	22
040130405132	No	1355	1348	17	7	0	0	0	0	0
040130405141	No	1855	1825	10	0	0	20	0	10	0
040130405142	No	1073	1020	22	16	7	19	0	0	11
040130405151	No	2444	2251	433	0	111	0	0	17	65
040130405152	No	2279	1866	153	40	24	25	0	0	324
040130405161	No	1562	1492	46	43	0	0	0	0	27
040130405162	No	1119	1091	0	0	0	28	0	0	0
040130405163	No	4326	3621	1420	6	0	44	13	305	337
040130405164	No	1259	1158	61	0	17	0	0	59	25
040130405165	No	238	238	0	0	0	0	0	0	0
040130405221	No	1629	1573	32	0	0	21	0	0	35
040130405222	No	1611	1592	35	0	0	0	0	0	19
040130405223	No	876	854	17	15	0	0	0	0	7
040130405231	No	1466	1346	18	21	0	22	0	76	1
040130405232	No	1599	1529	34	19	0	14	0	0	37
040130405241	No	1657	1498	103	38	0	22	0	0	99
040130405251	No	1477	1442	31	0	0	17	0	0	18
040130405252	No	1488	1445	66	9	0	24	0	10	0
040130405261	No	1129	1106	25	9	0	8	0	0	6
040130405262	No	1234	1174	26	8	0	13	0	17	22
040130405271	No	411	409	0	0	0	2	0	0	0
040130405272	No	1381	1278	19	0	0	9	0	50	44
040130405273	No	2706	2099	496	17	24	208	9	94	255
040130405281	No	988	910	0	46	0	0	0	0	32
040130405282	No	722	722	0	0	0	0	0	0	0
040130405283	No	734	734	0	0	0	0	0	0	0
040130405284	No	650	509	101	40	0	0	0	0	101
040130405285	No	1511	1339	69	33	0	68	0	17	54
040130405286	No	1365	1327	34	0	0	36	0	0	2
040130405291	No	1094	1048	0	0	14	11	0	0	21
040130405292	No	1258	1215	9	19	16	0	8	0	0
040130405293	No	950	907	16	18	0	15	0	0	10

**TABLE 15: MINORITY POPULATION BY CENSUS BLOCK GROUPS
(2022 ACS)**

GEO ID	Minority Above Average %?	Total Population	White	Hispanic or Latino	Black	American Indian	Asian	Native Hawaiian	Other	TwoRaces
040130405301	Yes	1494	924	524	33	138	52	0	167	180
040130405302	No	2165	1788	245	134	0	86	0	32	125
040130405311	No	1316	898	80	178	0	21	0	0	219
040130405312	No	883	829	42	0	0	3	0	0	51
040130405313	No	528	471	32	25	0	0	0	32	0
040130405314	No	986	964	53	22	0	0	0	0	0
040130405321	No	1619	1255	364	0	0	0	0	121	243
040130405322	No	1363	1122	129	13	0	37	0	0	191
040130405323	No	4144	3472	337	360	0	68	0	32	212
040130405331	No	2610	2047	542	139	0	137	0	68	219
040130405341	No	1327	1296	0	16	0	0	0	0	15
040130405342	No	2098	1971	35	13	0	32	0	0	82
040130405351	No	1988	1776	261	37	17	50	0	0	108
040130405352	No	1339	1199	216	33	0	0	0	0	107
040130405353	No	2376	2184	273	0	8	51	0	0	133
040130405354	No	39	39	0	0	0	0	0	0	0
040130405361	No	3244	2750	259	52	0	265	0	14	163
040130405362	No	2921	2475	338	225	16	89	0	59	57
040130405371	No	2668	2074	128	312	0	108	0	7	167
040130405381	Yes	1318	929	497	0	0	0	0	23	366
040130405382	No	2135	1385	158	85	0	61	0	352	252
040130405383	No	1029	896	69	0	0	78	0	27	28
040130405391	No	428	195	7	93	0	0	0	140	0
040130405392	No	2211	1708	141	169	0	201	0	0	133
040130405393	No	638	551	18	25	0	0	0	0	62
040130405394	No	2017	1858	320	0	0	20	0	75	64
040130405395	No	172	146	26	0	0	0	0	0	26
040130405396	No	1271	1216	26	0	10	3	0	0	42
040130405401	No	1999	1330	435	0	0	0	0	0	669
040130405402	No	2262	1635	616	90	0	0	0	357	180
040130405403	Yes	1279	748	965	41	0	0	0	28	462
040130405411	No	1347	974	342	0	0	0	0	178	195
040130405412	No	954	858	140	0	23	8	0	12	53
040130405413	No	2549	1964	629	28	101	27	0	149	280
040130506031	No	539	430	220	1	6	0	0	81	21
040130506032	No	2846	2272	1060	20	31	4	4	104	411
040130506033	Yes	853	551	334	0	0	0	0	68	234
040130506034	No	1680	1352	662	13	0	0	0	266	49
040130506041	No	2369	1958	844	0	10	15	0	141	245
040130506042	No	1088	860	305	4	11	18	0	110	85
040130506091	No	1624	1521	64	78	0	0	0	0	25
040130506092	Yes	2020	1318	1355	25	0	107	0	321	249
040130506093	No	19	19	0	0	0	0	0	0	0
040130506094	Yes	2003	1213	1053	0	0	0	4	418	368
040130506111	Yes	1236	480	801	0	0	0	0	62	694
040130506112	Yes	1748	1337	810	0	0	0	18	248	145
040130506113	Yes	2019	996	1066	85	40	16	9	533	340
040130506114	Yes	2241	1589	1054	185	27	0	102	243	95
040130506115	Yes	244	244	211	0	0	0	0	0	0
040130506121	Yes	2809	1803	1095	288	190	0	0	391	137
040130506122	Yes	3730	1875	2233	259	0	48	0	703	845
040130506123	Yes	4298	3246	3081	0	49	0	0	602	401
040130506131	Yes	867	646	542	0	0	0	0	129	92
040130506132	No	1292	1061	184	0	0	3	0	124	104
040130506133	Yes	3479	2435	2356	390	12	0	0	348	294
040130506141	Yes	1145	618	784	60	0	0	0	327	140
040130506142	Yes	778	324	454	0	0	0	0	364	90
040130506143	Yes	2131	1176	1178	177	0	33	0	627	118
040130506151	Yes	2503	1599	1671	129	0	15	0	235	525
040130506152	Yes	2627	1877	1131	104	30	0	0	186	430
040130506161	Yes	962	503	382	34	108	34	0	135	148
040130506162	Yes	2059	1184	1085	146	0	0	0	690	39

**TABLE 15: MINORITY POPULATION BY CENSUS BLOCK GROUPS
(2022 ACS)**

GEO ID	Minority Above Average %?	Total Population	White	Hispanic or Latino	Black	American Indian	Asian	Native Hawaiian	Other	TwoRaces
040130506171	Yes	2758	1471	1373	396	33	384	0	288	186
040130506172	Yes	1507	848	554	276	37	122	0	100	124
040130506173	Yes	393	327	207	10	0	0	0	45	11
040130506174	Yes	882	491	368	4	0	0	0	228	159
040130506181	Yes	3589	1343	2193	18	18	111	0	0	2099
040130506182	No	4720	3884	980	52	18	176	0	241	349
040130506191	Yes	1967	1009	1262	2	0	0	0	245	711
040130506192	Yes	2938	1688	1316	29	0	33	0	654	534
040130506193	No	1893	1688	92	18	0	59	0	0	128
040130506194	Yes	1442	993	683	0	0	0	0	432	17
040130506201	No	2119	1396	492	45	0	48	0	20	610
040130506202	No	1086	966	340	0	0	0	0	0	120
040130506203	Yes	4825	3019	2112	56	0	80	0	1101	569
040130506211	No	0	0	0	0	0	0	0	0	0
040130506212	No	0	0	0	0	0	0	0	0	0
040130506213	Yes	3790	2055	1643	446	0	0	0	154	1135
040130506214	Yes	1213	732	660	9	31	0	0	186	255
040130506215	Yes	2817	1253	1002	514	194	16	0	354	486
040130507011	Yes	1690	1258	962	0	0	0	0	310	122
040130507012	Yes	3453	2199	1082	324	76	118	0	205	531
040130507013	Yes	2476	1351	1368	137	0	26	0	543	419
040130507021	Yes	1119	780	556	26	0	0	0	217	96
040130507022	Yes	1908	1258	1269	76	132	30	0	355	57
040130507023	Yes	2767	1651	1291	82	47	0	0	574	413
040130507024	Yes	650	307	568	46	80	0	0	217	0
040130608011	Yes	824	221	642	25	32	10	0	102	434
040130608012	Yes	1705	764	1305	86	8	0	0	103	744
040130608013	Yes	859	634	761	1	0	12	0	151	61
040130608014	No	1233	1098	58	65	0	0	0	0	70
040130608015	Yes	1301	562	1248	0	7	0	0	349	383
040130608021	No	1030	827	233	127	0	0	0	23	53
040130608022	Yes	2032	1024	994	96	5	10	81	155	661
040130609011	Yes	662	300	339	0	34	24	0	95	209
040130609012	Yes	2184	750	823	308	0	99	168	410	449
040130609013	Yes	1964	1128	950	328	0	1	0	91	416
040130609021	Yes	763	475	285	209	6	0	0	12	61
040130609022	Yes	1490	420	1329	112	0	0	0	363	595
040130609023	Yes	1552	404	1450	0	0	0	0	388	760
040130609031	Yes	774	450	363	0	248	0	0	36	40
040130609032	Yes	788	133	768	6	0	0	0	351	298
040130609033	Yes	2527	710	1251	229	49	0	0	662	877
040130609034	No	1490	1134	443	91	0	34	0	37	194
040130609041	Yes	1034	431	944	0	0	0	0	361	242
040130609042	Yes	1975	1273	821	135	62	0	0	230	275
040130609043	Yes	1026	585	659	43	32	27	7	124	208
040130610101	No	1759	1287	625	26	0	61	0	121	264
040130610102	No	1671	1467	169	61	0	68	25	10	40
040130610103	No	2750	2094	577	15	11	137	0	81	412
040130610111	Yes	3462	1936	1936	58	64	184	0	350	870
040130610112	Yes	1461	532	596	107	243	197	0	71	311
040130610113	Yes	3174	1742	1303	277	0	60	0	168	927
040130610131	No	2450	1510	419	480	0	193	0	73	194
040130610132	No	4523	3061	1202	51	183	203	0	256	769
040130610141	Yes	2579	1689	915	28	99	89	0	143	531
040130610142	Yes	2688	900	1446	418	0	0	20	486	864
040130610143	Yes	998	614	376	0	0	31	0	244	109
040130610151	No	2281	1756	723	208	0	0	0	119	198
040130610152	Yes	497	262	115	133	0	13	0	71	18
040130610153	Yes	2647	1635	1623	72	104	43	11	390	392
040130610171	Yes	4665	2978	1557	494	235	61	0	464	433
040130610181	No	2344	2208	37	92	0	0	0	28	16
040130610182	No	1647	1457	30	104	0	56	0	0	30

**TABLE 15: MINORITY POPULATION BY CENSUS BLOCK GROUPS
(2022 ACS)**

GEO ID	Minority Above Average %?	Total Population	White	Hispanic or Latino	Black	American Indian	Asian	Native Hawaiian	Other	TwoRaces
040130610183	No	1521	1360	118	28	0	0	0	0	133
040130610201	No	905	711	209	29	35	100	0	0	30
040130610202	Yes	1165	640	260	204	20	0	0	142	159
040130610203	Yes	1506	900	695	36	8	22	0	43	497
040130610211	Yes	1843	981	703	175	5	96	9	253	324
040130610241	Yes	2237	1466	924	31	11	2	64	325	338
040130610261	No	2608	2056	602	125	0	66	0	147	214
040130610262	No	1246	1037	433	20	0	5	0	20	164
040130610263	No	2395	1948	533	127	0	88	0	9	223
040130610271	No	879	815	337	0	0	0	55	0	9
040130610272	No	2363	2291	136	63	0	0	0	9	0
040130610273	No	1687	1250	314	276	0	54	0	107	0
040130610274	No	1371	1128	145	201	0	0	0	42	0
040130610281	No	2866	2610	352	55	0	44	0	56	101
040130610291	No	1763	1222	538	156	0	0	0	305	80
040130610292	No	570	493	47	10	0	0	16	9	42
040130610293	No	1650	1386	207	121	7	0	44	18	74
040130610294	No	1127	738	135	166	14	9	0	19	181
040130610311	No	40	40	0	0	0	0	0	0	0
040130610312	No	1663	1070	381	114	0	158	0	72	249
040130610313	No	2083	1901	986	0	0	150	0	0	32
040130610314	No	470	456	126	0	0	0	0	0	14
040130610315	No	2003	1575	434	197	0	0	0	50	181
040130610316	No	0	0	0	0	0	0	0	0	0
040130610317	No	679	592	73	29	11	0	0	0	47
040130610321	No	1659	1233	442	123	0	0	0	271	32
040130610322	No	2420	1797	543	225	0	47	0	28	323
040130610323	No	1006	892	151	25	0	9	0	61	19
040130610324	No	886	716	242	21	7	0	0	16	126
040130610331	No	1585	1036	180	95	0	57	0	325	72
040130610332	No	1988	1418	438	0	0	138	0	187	245
040130610333	No	1814	1490	309	87	9	188	0	12	28
040130610341	No	2630	2082	643	256	0	60	76	0	156
040130610342	No	1919	1633	150	16	2	202	0	0	66
040130610343	No	3045	1967	316	0	41	3	0	18	1016
040130610344	Yes	740	464	262	121	0	79	0	0	76
040130610351	No	2219	1310	417	514	0	6	0	92	297
040130610352	Yes	1723	1081	845	0	0	0	17	9	616
040130610353	No	1782	1004	187	482	0	57	0	187	52
040130610354	No	1307	1160	459	17	0	43	0	55	32
040130610361	No	2898	2129	991	121	0	139	12	56	441
040130610362	No	2075	1385	462	208	5	53	8	149	267
040130610371	No	2385	1686	606	212	0	19	0	234	234
040130610372	No	2088	1743	603	5	0	80	28	100	132
040130610373	No	1757	1034	339	107	0	166	0	159	291
040130610381	No	1627	1447	314	15	11	36	0	26	92
040130610382	No	998	640	290	26	0	8	0	174	150
040130610383	Yes	2359	977	1264	1	155	58	0	818	350
040130610391	No	2019	1214	367	300	0	84	0	223	198
040130610392	No	685	568	169	117	0	0	0	0	0
040130610393	No	3024	2282	600	170	0	110	0	48	414
040130610401	Yes	2148	853	962	441	0	0	0	412	442
040130610402	Yes	742	445	384	47	0	21	0	207	22
040130610403	No	1874	1016	202	199	22	24	0	62	551
040130610411	No	757	525	247	0	0	28	0	139	65
040130610412	Yes	1148	403	725	10	0	28	41	39	627
040130610413	Yes	2021	869	1140	136	12	77	45	293	589
040130610414	No	786	715	335	0	0	0	0	32	39
040130610421	Yes	1481	627	714	107	9	0	0	252	486
040130610422	No	958	953	12	0	0	0	0	0	5
040130610431	Yes	1162	784	677	75	0	46	0	79	178
040130610432	Yes	915	458	325	0	0	6	0	189	262

**TABLE 15: MINORITY POPULATION BY CENSUS BLOCK GROUPS
(2022 ACS)**

GEO ID	Minority Above Average %?	Total Population	White	Hispanic or Latino	Black	American Indian	Asian	Native Hawaiian	Other	TwoRaces
040130610433	Yes	369	197	192	3	0	0	0	89	80
040130610441	Yes	3356	1804	871	663	0	141	0	133	615
040130610442	No	2256	1751	678	0	0	50	0	200	255
040130610443	No	3301	2241	838	241	60	138	52	153	416
040130610444	Yes	575	386	230	20	0	0	0	0	169
040130610451	No	1959	1268	121	50	232	76	0	94	239
040130610452	Yes	1889	1038	506	445	0	68	0	104	234
040130610453	No	2033	1509	270	41	37	116	0	77	253
040130610454	Yes	2328	1327	966	63	0	80	0	90	768
040130610461	Yes	2657	1275	983	815	35	100	0	134	298
040130610462	Yes	1758	1041	1142	23	0	0	0	563	131
040130610463	Yes	1773	848	462	247	0	33	22	34	589
040130610471	No	2485	1727	679	60	24	61	0	175	438
040130610472	Yes	1541	813	660	74	0	185	0	161	308
040130610481	No	2629	1817	693	287	4	93	0	245	183
040130610482	No	1741	1483	440	30	0	22	0	83	123
040130610491	Yes	2668	1102	991	275	63	15	0	88	1125
040130610492	Yes	3147	2012	1564	142	0	13	0	705	275
040130610501	Yes	1594	1184	736	0	0	40	0	152	218
040130610502	Yes	1191	478	658	7	133	0	0	252	321
040130610503	Yes	3506	2463	1438	333	39	122	136	242	171
040130610511	Yes	3398	1906	2047	67	0	121	0	91	1213
040130610512	Yes	1268	349	810	154	0	112	0	265	388
040130610521	Yes	3975	1864	2528	30	0	134	0	343	1604
040130610522	Yes	4046	1764	1680	488	0	413	0	291	1090
040130610523	Yes	497	331	186	61	0	0	0	105	0
040130610531	Yes	3951	1555	1740	798	397	99	0	524	578
040130610532	Yes	1861	1129	636	144	0	12	3	298	275
040130610533	No	1692	1174	545	190	44	45	0	106	133
040130610541	No	1763	1316	223	56	208	145	0	21	17
040130610542	No	2327	2141	33	115	0	13	0	34	24
040130610543	Yes	2675	1434	783	122	19	273	0	235	592
040130610551	Yes	2918	1784	844	9	274	203	0	185	463
040130610552	No	3074	1967	814	208	0	375	0	291	233
040130610561	No	3615	2486	797	185	0	277	0	106	561
040130610571	Yes	1559	935	629	87	0	0	0	87	450
040130610572	Yes	438	164	274	0	0	0	0	274	0
040130610573	Yes	208	101	142	0	0	0	0	107	0
040130610574	No	1195	788	325	49	17	9	0	177	155
040130610581	Yes	355	346	274	0	0	0	0	0	9
040130610582	Yes	3050	1926	1084	296	107	116	0	234	371
040130610591	No	2393	2086	271	115	0	0	0	0	192
040130610592	No	2887	2598	730	60	0	0	0	19	210
040130610601	No	3083	2264	665	426	0	23	0	138	232
040130610611	No	2955	2161	778	169	0	77	0	56	492
040130610612	No	1993	1727	301	27	0	133	0	106	0
040130610621	No	2913	2005	851	35	0	246	0	357	270
040130610622	No	2674	2143	442	72	378	0	0	14	67
040130610623	No	2165	1313	505	377	0	45	0	0	430
040130610631	Yes	1421	750	699	78	0	33	61	125	374
040130610641	No	2688	1775	751	0	0	274	0	119	520
040130611001	Yes	784	404	223	186	0	44	22	52	76
040130611002	No	682	501	152	73	44	0	0	9	55
040130611003	No	1107	818	170	94	0	26	0	23	146
040130612001	Yes	731	234	619	0	0	0	0	253	244
040130612002	No	1994	1459	721	286	30	11	0	148	60
040130612003	Yes	1721	321	1580	0	32	0	0	757	611
040130612004	No	459	261	90	71	0	25	0	43	59
040130612005	Yes	1004	490	975	0	0	0	0	347	167
040130613001	Yes	2380	1073	1627	69	7	48	8	727	448
040130614011	Yes	610	328	471	0	0	0	0	282	0
040130614012	Yes	1465	739	1039	157	41	0	0	300	228

**TABLE 15: MINORITY POPULATION BY CENSUS BLOCK GROUPS
(2022 ACS)**

GEO ID	Minority Above Average %?	Total Population	White	Hispanic or Latino	Black	American Indian	Asian	Native Hawaiian	Other	TwoRaces
040130614021	Yes	2203	826	2005	64	14	0	0	400	899
040130614022	Yes	1838	527	1544	168	0	0	0	725	418
040130614023	Yes	2469	1163	1445	478	0	9	123	558	138
040130715031	No	750	600	150	0	0	0	0	0	150
040130715032	No	572	572	0	0	0	0	0	0	0
040130715033	No	1077	1059	18	18	0	0	0	0	0
040130715034	No	1408	1308	108	30	3	16	0	0	51
040130715035	No	537	494	0	43	0	0	0	0	0
040130715041	No	714	714	0	0	0	0	0	0	0
040130715042	No	1018	938	0	38	0	17	0	15	10
040130715043	No	650	619	0	0	0	0	16	0	15
040130715044	No	1024	1024	0	0	0	0	0	0	0
040130715051	No	1577	1209	324	23	0	0	0	22	323
040130715052	No	976	863	22	26	10	38	0	0	39
040130715053	No	1107	1012	79	0	0	17	0	62	16
040130715054	No	2539	2321	94	48	0	33	0	56	81
040130715061	No	914	880	21	0	0	0	0	0	34
040130715062	No	1868	1775	70	40	0	0	0	5	48
040130715063	No	548	531	0	0	0	0	0	0	17
040130715064	No	793	774	18	9	0	0	0	0	10
040130715091	No	1285	1081	132	0	0	143	0	0	61
040130715092	No	1957	1584	271	96	0	17	0	45	215
040130715093	No	592	436	191	0	38	0	0	86	32
040130715094	No	462	278	51	19	0	140	0	12	13
040130715095	No	1009	787	234	6	0	12	0	119	85
040130715101	No	1853	1582	272	72	8	33	0	24	134
040130715102	No	1258	1177	355	0	0	10	12	59	0
040130715103	No	1192	873	318	0	23	67	0	152	77
040130715111	No	2663	2092	486	39	1	207	0	48	276
040130715112	No	1100	777	232	0	0	58	0	0	265
040130715121	No	1790	1169	501	23	0	91	0	0	507
040130715122	No	1700	1652	398	10	0	0	0	0	38
040130715123	Yes	1570	1076	554	15	0	0	0	18	461
040130715124	No	1250	1165	78	20	42	0	0	0	23
040130715131	No	836	579	165	77	0	108	0	18	54
040130715132	No	803	606	131	60	0	12	0	83	42
040130715141	No	838	772	82	0	0	0	0	0	66
040130715142	No	2323	1700	552	63	17	77	0	78	388
040130715143	No	1177	916	191	35	0	14	0	212	0
040130715151	No	1461	1206	378	9	62	0	0	25	159
040130715152	No	1400	1191	137	84	25	0	26	0	74
040130715153	No	682	427	22	178	0	36	0	22	19
040130715154	No	347	250	62	0	0	42	0	0	55
040130715161	No	3556	2848	1048	130	56	34	0	58	430
040130715162	No	807	634	94	63	11	19	0	22	58
040130715171	No	1365	1025	273	52	0	15	0	131	142
040130715172	No	744	592	100	17	0	59	0	0	76
040130715173	Yes	1664	1076	494	99	4	106	0	233	146
040130716001	Yes	1889	1229	608	81	22	17	0	208	332
040130716002	Yes	2016	1358	1357	23	44	10	0	180	401
040130717011	No	3249	2189	980	42	10	34	58	440	476
040130717021	No	984	965	0	0	0	0	0	0	19
040130717022	No	328	268	34	0	21	0	0	22	17
040130717023	No	570	514	103	18	0	0	0	0	38
040130717024	No	802	757	33	0	22	0	0	11	12
040130717025	No	506	347	142	17	0	0	0	0	142
040130718011	No	1859	1732	110	42	10	0	0	0	75
040130718012	No	571	555	0	0	0	0	0	0	16
040130718013	No	1159	1000	111	27	0	0	0	0	132
040130718014	No	751	615	74	62	0	0	0	74	0
040130718015	No	336	336	17	0	0	0	0	0	0
040130718016	No	382	359	0	0	23	0	0	0	0

**TABLE 15: MINORITY POPULATION BY CENSUS BLOCK GROUPS
(2022 ACS)**

GEO ID	Minority Above Average %?	Total Population	White	Hispanic or Latino	Black	American Indian	Asian	Native Hawaiian	Other	TwoRaces
040130718021	No	974	847	15	39	40	0	0	14	34
040130718022	No	618	589	14	0	0	15	0	0	14
040130718023	No	724	724	89	0	0	0	0	0	0
040130718024	No	997	831	165	0	1	0	0	125	40
040130719031	No	830	780	366	0	17	0	0	33	0
040130719032	Yes	955	596	449	0	90	95	0	51	123
040130719033	No	1142	787	243	16	0	20	0	200	119
040130719034	No	565	452	0	0	47	0	0	0	66
040130719035	Yes	909	410	671	0	330	0	0	169	0
040130719036	No	656	469	0	0	0	69	0	52	66
040130719037	No	1558	1315	161	125	0	0	0	0	118
040130719061	Yes	1543	908	627	211	3	33	0	130	258
040130719062	Yes	2020	1249	1020	34	38	52	0	328	319
040130719063	Yes	1418	832	744	127	16	24	0	242	177
040130719064	Yes	883	631	579	19	18	97	0	118	0
040130719091	No	836	663	167	33	14	13	0	52	61
040130719092	Yes	1261	750	461	44	132	157	0	83	95
040130719093	Yes	1134	649	558	64	30	20	0	297	74
040130719094	No	623	560	210	0	37	0	0	0	26
040130719101	No	1300	884	294	0	29	149	0	137	101
040130719102	Yes	764	480	473	104	49	0	0	119	12
040130719103	No	738	701	11	17	0	0	0	0	20
040130719104	Yes	2489	775	1441	33	0	125	70	1008	478
040130719105	Yes	1645	1124	630	37	158	75	0	52	199
040130719111	Yes	1437	813	440	137	0	101	0	130	256
040130719112	No	1967	1387	644	22	0	257	0	197	104
040130719121	Yes	1542	1167	723	58	3	0	0	288	26
040130719122	Yes	1603	946	677	113	0	30	0	128	386
040130719131	No	2463	1709	780	13	97	163	0	152	329
040130719132	Yes	2918	1289	704	622	0	0	0	204	803
040130719133	Yes	1239	652	699	0	9	11	0	195	372
040130719141	Yes	592	212	369	56	13	0	13	48	250
040130719142	Yes	1226	636	847	0	0	0	0	365	225
040130719143	Yes	1348	819	664	41	0	88	17	143	240
040130719151	Yes	886	587	488	22	47	0	0	197	33
040130719152	No	849	584	169	66	71	8	0	0	120
040130719153	Yes	1934	974	726	148	20	56	0	228	508
040130820021	Yes	2475	1002	1435	353	0	0	0	432	688
040130820022	Yes	1857	1267	1029	214	18	90	25	25	218
040130820023	Yes	1933	1189	1397	0	0	0	0	59	685
040130820071	Yes	1783	1059	1063	201	0	8	0	99	416
040130820072	Yes	2036	1194	1751	35	0	12	0	140	655
040130820081	Yes	1413	601	1154	31	0	0	0	227	554
040130820082	Yes	2823	1183	2103	0	0	95	266	154	1125
040130820083	Yes	1584	779	1116	38	0	10	0	328	429
040130820091	Yes	2251	1039	1845	159	100	0	0	266	687
040130820092	Yes	2848	1791	2331	7	141	0	0	288	621
040130820101	Yes	2041	1140	1477	92	9	0	0	613	187
040130820102	Yes	3476	1033	1739	978	37	0	0	224	1204
040130820121	Yes	1804	932	805	96	0	77	0	250	449
040130820122	Yes	3398	1857	2439	107	36	133	16	370	879
040130820123	Yes	1937	834	1154	231	31	6	0	405	430
040130820161	No	0	0	0	0	0	0	0	0	0
040130820162	Yes	3178	1332	1756	318	17	360	0	679	472
040130820171	Yes	2398	1074	1236	893	50	49	0	220	112
040130820172	No	0	0	0	0	0	0	0	0	0
040130820173	Yes	2748	927	1508	643	0	170	0	364	644
040130820181	Yes	2655	1019	1847	104	83	163	0	594	692
040130820182	Yes	2738	980	1998	430	80	52	49	684	463
040130820191	Yes	707	408	233	98	0	27	0	42	132
040130820192	Yes	1818	853	640	124	7	400	0	182	252
040130820201	Yes	2016	1091	875	138	0	88	0	524	175

**TABLE 15: MINORITY POPULATION BY CENSUS BLOCK GROUPS
(2022 ACS)**

GEO ID	Minority Above Average %?	Total Population	White	Hispanic or Latino	Black	American Indian	Asian	Native Hawaiian	Other	TwoRaces
040130820202	Yes	2688	1498	911	278	0	277	0	545	90
040130820211	Yes	1587	811	668	212	12	43	0	107	402
040130820212	Yes	1040	932	570	1	2	0	0	45	60
040130820221	Yes	4191	1452	2310	612	0	79	25	467	1556
040130820222	Yes	1523	848	786	56	147	16	0	98	358
040130820231	Yes	1146	531	537	11	54	26	0	269	255
040130820232	Yes	2420	1184	1298	167	87	108	11	105	758
040130820233	Yes	2062	1078	773	340	0	124	0	268	252
040130820241	Yes	1306	908	758	36	0	47	0	213	102
040130820242	Yes	2956	1624	1453	282	39	72	0	245	694
040130820251	Yes	3253	2197	1554	282	0	105	0	358	311
040130820261	Yes	3214	1510	1269	339	25	293	0	479	568
040130820262	Yes	2006	924	968	411	0	0	0	209	462
040130820263	Yes	1858	1026	796	407	53	13	0	262	97
040130820271	Yes	1718	772	1000	217	21	126	0	360	222
040130820272	Yes	318	179	166	0	81	0	0	47	11
040130820273	Yes	3363	1268	1252	947	29	174	0	316	629
040130820281	Yes	1951	760	1671	167	26	38	0	347	613
040130820282	Yes	2846	1536	2543	31	122	0	12	385	760
040130822041	Yes	4409	2549	3247	590	11	46	0	188	1025
040130822042	Yes	1015	191	439	369	54	0	0	59	342
040130822043	Yes	1680	635	1132	28	58	100	0	340	519
040130822051	Yes	2731	1339	1812	391	39	0	0	160	802
040130822052	Yes	1558	688	1169	38	0	63	0	306	463
040130822053	Yes	2678	1159	1910	433	110	17	0	483	476
040130822061	Yes	781	239	500	146	0	16	0	64	316
040130822062	Yes	1110	457	823	151	0	0	0	89	413
040130822063	Yes	2538	1036	1991	194	0	68	4	469	767
040130822071	Yes	1201	858	939	0	4	0	0	242	97
040130822072	Yes	2367	1203	1446	167	21	83	0	248	645
040130822081	Yes	1787	937	1507	55	196	7	0	423	169
040130822082	Yes	858	386	466	162	15	0	0	148	147
040130822083	Yes	876	445	686	0	0	0	0	336	95
040130822091	Yes	1009	614	781	112	0	0	0	238	45
040130822092	Yes	2137	989	2110	0	0	0	0	544	604
040130822101	Yes	2487	1580	1752	67	62	0	0	380	398
040130822102	Yes	987	361	422	430	0	0	0	9	187
040130822103	Yes	1641	567	1021	283	35	0	0	344	412
040130822111	Yes	740	512	449	90	0	32	0	3	103
040130822112	Yes	3399	1051	2407	329	48	36	0	474	1461
040130822113	Yes	2794	878	2056	288	0	18	0	242	1368
040130822114	Yes	945	207	346	203	0	79	27	101	328
040130822121	Yes	2035	935	1405	39	13	70	0	787	191
040130822122	Yes	4176	1369	3456	199	72	36	0	1073	1427
040130822131	Yes	1845	874	1447	125	0	0	0	846	0
040130822132	Yes	3555	1819	2338	167	0	0	0	840	729
040130822133	Yes	1573	591	1371	0	0	20	0	754	208
040130830001	Yes	2928	1537	1798	472	39	0	0	610	270
040130830002	Yes	1638	616	1619	0	0	0	0	265	757
040130830003	No	0	0	0	0	0	0	0	0	0
040130830004	Yes	1088	454	873	0	60	0	0	50	524
040130830005	Yes	1567	690	1567	0	0	0	0	501	376
040130923051	No	2108	1711	241	31	126	81	10	21	128
040130923052	Yes	2765	1113	1359	159	38	294	0	157	1004
040130923061	No	856	547	94	111	0	55	0	0	143
040130923062	Yes	1596	832	450	99	0	25	0	236	404
040130923063	Yes	1302	703	376	0	0	150	0	241	208
040130923064	No	2197	1958	379	73	34	15	35	0	82
040130923071	Yes	1424	819	403	436	58	45	0	0	66
040130923072	Yes	1736	348	1086	72	22	328	0	727	239
040130923073	No	1229	1058	536	38	17	28	0	18	70
040130923074	Yes	1239	687	415	98	10	0	0	208	236

**TABLE 15: MINORITY POPULATION BY CENSUS BLOCK GROUPS
(2022 ACS)**

GEO ID	Minority Above Average %?	Total Population	White	Hispanic or Latino	Black	American Indian	Asian	Native Hawaiian	Other	TwoRaces
040130923081	Yes	1006	652	353	29	0	143	0	52	130
040130923082	Yes	3123	2231	1443	357	0	15	0	185	335
040130923083	Yes	1685	1256	689	167	0	0	32	37	193
040130923084	Yes	1853	1058	1074	26	0	211	0	73	485
040130923091	Yes	1072	660	326	29	9	21	0	55	298
040130923092	Yes	1595	1153	597	27	52	0	0	70	293
040130923093	Yes	1868	937	498	26	15	424	0	34	432
040130923094	Yes	1494	615	638	50	0	22	0	48	759
040130923111	Yes	960	452	329	238	30	11	0	194	35
040130923112	Yes	1790	756	830	342	211	0	0	282	199
040130923121	Yes	882	389	201	102	0	233	0	97	61
040130923122	No	2901	2174	559	199	82	0	0	331	115
040130923123	Yes	1564	514	215	835	0	0	0	107	108
040130923124	No	1004	509	153	77	0	378	0	0	40
040130924011	No	1043	761	298	117	79	0	0	26	60
040130924012	Yes	1285	770	521	163	0	0	0	42	310
040130924013	Yes	1804	1085	1130	7	18	136	0	339	219
040130924021	No	920	628	291	0	1	81	0	103	107
040130924022	Yes	1081	414	357	196	0	38	0	117	316
040130924023	Yes	1437	957	566	78	0	40	0	34	328
040130925001	Yes	1372	792	323	102	33	194	0	36	215
040130925002	Yes	1498	767	865	40	0	0	0	446	245
040130925003	Yes	1015	242	749	0	0	0	0	0	773
040130925004	Yes	892	519	570	5	0	0	0	68	300
040130926001	Yes	1085	531	272	107	13	0	0	0	434
040130926002	Yes	1559	540	1121	20	25	0	0	63	911
040130926003	Yes	638	320	339	38	59	26	0	121	74
040130927051	Yes	2062	453	1413	266	67	31	0	507	738
040130927052	Yes	2804	1353	1399	312	42	150	0	749	198
040130927081	Yes	214	63	29	82	0	16	0	0	53
040130927082	Yes	1907	1162	654	177	22	82	0	231	233
040130927091	Yes	1968	1413	785	70	3	62	0	219	201
040130927092	Yes	1725	823	587	181	0	149	0	381	191
040130927093	No	889	805	311	0	0	30	0	20	34
040130927101	Yes	2705	1887	1601	73	24	92	0	249	380
040130927102	Yes	2996	1981	1496	18	0	44	11	93	849
040130927111	Yes	2556	1799	1265	179	1	75	0	294	208
040130927112	Yes	1581	727	788	125	0	171	32	291	235
040130927121	Yes	3097	936	1305	1015	81	127	0	312	626
040130927122	Yes	2214	1395	1134	31	56	208	0	283	241
040130927131	Yes	2952	1110	1696	172	18	61	0	575	1016
040130927132	Yes	2142	755	1669	176	0	38	0	598	575
040130927151	Yes	774	207	593	49	0	0	0	174	344
040130927152	Yes	1602	576	912	149	0	50	0	292	535
040130927153	Yes	2002	824	1487	27	22	11	0	515	603
040130927161	Yes	1037	616	613	0	23	223	0	135	40
040130927162	Yes	1979	1562	1401	59	102	0	0	117	139
040130927163	Yes	956	705	566	63	35	0	0	0	153
040130927171	Yes	3918	1208	2154	1131	0	0	0	393	1186
040130927172	Yes	2214	743	1212	101	139	327	0	358	546
040130927181	Yes	1855	992	1117	5	331	0	0	286	241
040130927182	Yes	2662	730	1887	316	3	0	0	196	1417
040130927191	Yes	2980	1777	1358	189	104	163	0	318	429
040130927192	Yes	1915	1175	1066	189	0	18	0	181	352
040130927201	Yes	1217	787	553	0	261	0	0	51	118
040130927202	Yes	1700	671	1092	131	5	53	0	688	152
040130927203	No	2165	1835	735	45	0	7	0	111	167
040130927204	Yes	1838	1159	699	414	19	103	0	0	143
040130927211	Yes	2183	1124	767	119	0	407	0	319	214
040130927212	Yes	1421	686	530	155	6	87	0	45	442
040130927231	Yes	2923	1913	1240	177	39	92	6	295	401
040130927232	Yes	1442	768	525	94	0	119	7	70	384

**TABLE 15: MINORITY POPULATION BY CENSUS BLOCK GROUPS
(2022 ACS)**

GEO ID	Minority Above Average %?	Total Population	White	Hispanic or Latino	Black	American Indian	Asian	Native Hawaiian	Other	TwoRaces
040130927241	Yes	2505	1456	1053	17	32	0	0	882	118
040130927242	No	1522	984	371	51	18	0	0	101	368
040130927243	No	991	982	443	0	0	9	0	0	0
040130928011	Yes	2606	898	2353	0	0	0	0	322	1386
040130928012	Yes	515	318	359	132	0	0	0	12	53
040130928013	Yes	1665	632	1248	80	64	45	0	197	647
040130928014	Yes	1180	240	673	29	147	0	0	87	677
040130928021	Yes	2059	1226	1317	227	109	26	0	96	375
040130928022	Yes	1027	452	676	186	29	28	0	28	304
040130928023	Yes	1832	636	800	4	0	0	0	255	937
040130928024	Yes	1216	609	1105	0	0	0	0	208	399
040130929001	Yes	1808	809	1480	225	12	0	0	415	347
040130929002	Yes	1603	729	1180	71	0	31	0	393	379
040130930011	Yes	3458	1136	2617	358	0	0	0	275	1689
040130930012	Yes	1686	912	823	62	12	220	0	374	106
040130930013	No	965	537	180	163	107	0	0	72	86
040130930021	Yes	579	553	544	0	0	0	0	26	0
040130930022	Yes	2355	924	1492	263	0	0	0	325	843
040130930023	Yes	1308	603	899	61	58	0	0	263	323
040130931011	Yes	712	278	451	29	32	0	0	304	69
040130931012	Yes	1794	1170	1400	50	0	62	0	216	296
040130931013	Yes	2059	175	1719	39	58	27	0	515	1245
040130931014	Yes	1107	439	764	122	0	0	0	69	477
040130931041	Yes	1694	424	677	529	25	48	0	45	623
040130931042	Yes	764	267	739	0	0	0	0	89	408
040130931043	Yes	2120	951	1299	460	50	0	0	131	528
040130931044	Yes	544	148	249	217	0	0	0	108	71
040130931051	Yes	1133	418	792	39	0	0	0	383	293
040130931052	Yes	299	72	148	66	38	0	0	98	25
040130931053	Yes	2535	1145	1579	251	0	5	0	110	1024
040130931054	Yes	1289	563	1187	298	0	0	0	106	322
040130931061	Yes	1374	604	907	0	32	0	0	127	611
040130931062	Yes	1049	622	916	26	13	0	0	172	216
040130931063	Yes	1922	522	1448	98	0	0	0	217	1085
040130932001	No	774	416	93	245	12	28	0	0	73
040130932002	Yes	220	141	79	0	0	0	0	28	51
040130932003	Yes	3502	1303	2086	353	87	315	0	964	480
040131032051	No	1055	966	93	6	3	0	0	4	76
040131032052	No	1416	1193	94	0	8	102	0	43	70
040131032061	No	1032	935	29	8	5	10	0	14	60
040131032062	No	1246	1090	247	0	1	9	6	0	140
040131032071	No	1248	931	214	16	0	45	0	49	207
040131032072	No	1027	873	89	0	24	18	0	15	97
040131032081	No	940	887	16	3	0	50	0	0	0
040131032082	No	1448	1357	105	36	0	0	0	0	55
040131032083	No	884	804	53	53	0	0	0	0	27
040131032091	No	818	773	0	0	0	45	0	0	0
040131032092	No	419	384	35	0	0	0	0	0	35
040131032093	No	1780	1503	158	0	28	42	0	135	72
040131032094	No	1797	1603	116	25	0	0	0	13	156
040131032101	Yes	1319	761	372	0	66	176	0	109	207
040131032102	No	2042	1384	286	130	0	117	0	48	363
040131032103	No	1261	1172	391	14	42	0	0	33	0
040131032104	No	947	796	145	33	0	0	0	118	0
040131032105	No	2190	1641	183	253	0	54	0	78	164
040131032111	No	1105	941	135	23	0	35	0	8	98
040131032112	No	1711	1245	225	34	0	47	0	23	362
040131032113	No	1792	1494	238	31	6	18	0	27	216
040131032121	No	1116	1064	47	0	8	4	0	8	32
040131032122	No	1619	1453	211	0	0	8	0	122	36
040131032123	No	1488	1180	202	0	0	11	0	0	297
040131032141	No	759	550	103	31	0	62	0	15	101

**TABLE 15: MINORITY POPULATION BY CENSUS BLOCK GROUPS
(2022 ACS)**

GEO ID	Minority Above Average %?	Total Population	White	Hispanic or Latino	Black	American Indian	Asian	Native Hawaiian	Other	TwoRaces
040131032142	No	2143	1847	168	33	0	37	0	0	226
040131032143	No	879	750	98	8	8	67	0	0	46
040131032151	No	1323	1202	140	25	30	0	0	28	38
040131032152	No	1786	1328	301	0	0	67	0	245	146
040131032161	No	1087	935	35	12	0	0	0	29	111
040131032162	No	1241	1233	64	8	0	0	0	0	0
040131032163	No	1654	1437	63	27	0	141	0	0	49
040131032164	No	1457	947	424	79	0	157	0	195	79
040131032171	No	947	657	49	18	33	121	0	0	118
040131032172	No	1443	1163	171	0	0	139	0	0	141
040131032173	No	1359	1036	211	0	0	83	0	68	172
040131032174	Yes	1927	889	236	61	11	764	0	120	82
040131032191	No	1690	1514	56	21	0	50	0	9	96
040131032192	No	977	830	134	0	0	51	0	41	55
040131032193	No	794	668	106	0	0	76	0	0	50
040131032201	No	735	594	56	22	4	62	0	0	53
040131032202	No	790	718	14	0	0	28	0	10	34
040131032203	No	1024	554	138	88	0	211	0	48	123
040131033021	Yes	1943	1435	1326	17	0	0	0	267	224
040131033022	No	1911	1720	109	20	0	67	0	30	74
040131033023	No	366	306	0	60	0	0	0	0	0
040131033024	Yes	1421	793	875	0	0	0	0	0	628
040131033025	No	366	266	61	0	67	33	0	0	0
040131033031	No	1788	1319	467	12	130	151	1	80	95
040131033032	No	1216	1045	181	10	0	0	0	102	59
040131033033	No	796	691	68	15	0	90	0	0	0
040131033041	Yes	1647	687	947	261	81	32	0	274	312
040131033042	Yes	1323	530	897	43	12	10	0	534	194
040131033043	Yes	1021	499	584	88	14	92	0	120	208
040131033051	Yes	1311	572	790	69	4	57	0	343	266
040131033052	Yes	2686	915	2250	0	17	0	0	387	1367
040131033061	Yes	1550	672	1180	39	0	21	0	31	787
040131033062	Yes	2589	1719	1230	295	114	35	0	176	250
040131034001	No	936	753	93	32	27	22	0	0	102
040131034002	No	1693	1395	452	0	0	0	0	24	274
040131034003	No	555	422	0	1	26	8	74	0	24
040131034004	No	857	752	43	1	0	0	0	0	104
040131035011	No	1074	715	263	35	134	24	0	84	82
040131035012	No	1014	791	55	110	0	0	46	0	67
040131035013	No	876	832	18	1	1	10	0	22	10
040131035021	Yes	1669	872	493	125	0	0	0	413	259
040131035022	No	1063	825	70	0	0	23	0	30	185
040131035023	No	1500	1179	525	0	0	0	0	71	250
040131035024	No	908	872	61	13	0	0	14	0	9
040131035025	No	911	609	159	0	42	0	76	0	184
040131036041	Yes	1658	824	1138	0	12	12	0	571	239
040131036042	No	1263	1031	100	33	0	128	10	40	21
040131036043	No	1520	1060	173	109	0	215	0	42	94
040131036051	No	1230	953	43	5	0	109	0	0	163
040131036052	No	1726	1590	194	0	0	72	0	0	64
040131036053	No	1141	1003	38	75	0	17	23	0	23
040131036054	No	1689	1437	42	177	0	0	0	0	75
040131036061	No	860	721	81	0	23	41	0	25	50
040131036062	No	2015	1558	270	0	43	5	0	124	285
040131036063	No	1797	1571	150	44	0	66	0	17	99
040131036071	No	973	644	186	24	0	30	0	90	185
040131036072	No	1549	1228	314	17	10	11	0	20	263
040131036073	No	764	630	48	10	0	88	0	0	36
040131036074	No	920	874	42	20	5	0	0	0	21
040131036081	Yes	2174	1155	595	153	0	532	0	120	214
040131036082	No	2085	1622	597	183	1	14	0	84	181
040131036091	Yes	1825	1217	766	313	0	37	0	123	135

**TABLE 15: MINORITY POPULATION BY CENSUS BLOCK GROUPS
(2022 ACS)**

GEO ID	Minority Above Average %?	Total Population	White	Hispanic or Latino	Black	American Indian	Asian	Native Hawaiian	Other	TwoRaces
040131036092	No	1323	929	229	78	12	48	0	0	256
040131036093	No	1348	732	214	391	0	51	0	37	137
040131036094	No	1210	651	119	46	85	200	0	17	211
040131036111	No	1544	1305	124	74	4	0	48	45	68
040131036112	No	1132	949	205	1	17	15	0	59	91
040131036113	No	2406	2204	280	46	10	0	0	0	146
040131036121	No	1217	891	114	121	30	23	0	81	71
040131036122	No	924	801	28	45	0	35	0	14	29
040131036123	No	1469	1142	232	217	0	0	0	73	37
040131036124	No	1545	920	15	457	0	127	0	15	26
040131036141	No	1748	1221	330	100	25	67	0	146	189
040131036142	No	1140	1066	89	0	0	0	0	0	74
040131036151	No	1051	927	376	114	0	0	0	0	10
040131036152	Yes	2283	1145	1291	319	48	19	0	215	537
040131036153	Yes	2129	758	1176	854	14	0	0	317	186
040131037011	Yes	1372	985	663	24	19	22	0	322	0
040131037012	No	2021	1413	318	213	0	269	0	0	126
040131037013	Yes	1465	708	710	44	365	13	0	93	242
040131037021	Yes	967	598	342	0	178	20	0	0	171
040131037022	No	1327	1053	182	50	0	56	0	21	147
040131037023	No	1225	928	41	54	96	29	17	24	77
040131039001	No	1577	1174	89	0	0	49	0	0	354
040131039002	Yes	1409	805	530	157	0	30	0	161	256
040131039003	Yes	1772	1068	586	0	34	36	0	394	240
040131039004	No	1996	1293	293	501	0	39	0	23	140
040131040001	Yes	1960	1379	711	162	0	0	0	59	360
040131040002	Yes	1083	455	251	292	0	61	0	153	122
040131040003	Yes	1986	1244	779	26	151	129	39	0	397
040131040004	Yes	2617	1906	1094	71	0	56	0	373	211
040131041001	Yes	2067	1280	875	199	298	0	0	192	98
040131041002	No	1668	1041	361	25	0	345	0	135	122
040131041003	No	2213	1479	636	14	18	10	0	170	522
040131041004	Yes	1632	765	743	41	23	42	0	18	743
040131042021	No	1185	946	193	9	0	140	0	3	87
040131042022	No	1828	1487	673	38	0	118	0	95	90
040131042023	No	1655	1341	428	94	19	0	5	167	29
040131042031	Yes	1402	728	655	0	41	0	0	186	447
040131042032	Yes	1633	806	992	56	0	24	0	8	739
040131042033	Yes	894	486	338	14	0	0	0	394	0
040131042034	No	1709	1554	176	0	0	155	0	0	0
040131042035	No	1775	1362	687	11	0	0	0	66	336
040131042041	Yes	1327	883	537	47	0	10	0	0	387
040131042042	No	1825	1607	391	10	0	0	0	208	0
040131042051	No	1530	1292	372	0	0	19	0	89	130
040131042052	Yes	1797	911	604	278	0	21	21	77	489
040131042053	Yes	831	423	477	0	36	0	0	83	289
040131042054	Yes	2099	606	453	233	142	741	0	46	331
040131042061	Yes	1093	668	570	25	16	0	0	128	256
040131042062	Yes	1619	920	895	78	354	31	0	61	175
040131042063	No	999	741	226	52	23	120	0	43	20
040131042071	No	1229	1076	124	8	0	17	0	44	84
040131042072	No	1765	1376	260	4	0	258	0	48	79
040131042073	No	1304	1099	197	65	33	0	0	99	8
040131042121	No	538	454	71	39	0	21	0	24	0
040131042122	Yes	2052	984	1020	24	0	24	0	387	633
040131042123	No	1511	922	157	20	71	348	0	62	88
040131042124	Yes	2239	1408	804	0	7	0	0	87	737
040131042141	No	1280	1123	217	0	4	36	0	74	43
040131042142	No	903	723	137	0	10	6	0	25	139
040131042151	No	651	492	58	0	0	0	0	58	101
040131042152	No	459	347	0	67	0	0	0	0	45
040131042153	No	742	617	154	0	11	0	0	68	46

**TABLE 15: MINORITY POPULATION BY CENSUS BLOCK GROUPS
(2022 ACS)**

GEO ID	Minority Above Average %?	Total Population	White	Hispanic or Latino	Black	American Indian	Asian	Native Hawaiian	Other	TwoRaces
040131042154	No	921	592	9	8	0	55	0	9	257
040131042155	No	1378	1043	356	0	216	59	0	13	47
040131042161	No	1123	716	271	58	165	0	0	128	56
040131042162	No	1203	1063	103	76	0	39	0	5	20
040131042163	No	2530	2264	352	48	1	36	0	42	139
040131042171	Yes	1810	1155	830	0	0	69	0	9	577
040131042172	No	2202	1478	590	50	3	184	0	141	346
040131042173	No	1526	1393	219	14	53	17	0	15	34
040131042181	No	1129	800	255	0	11	126	0	0	192
040131042182	No	1022	861	251	1	2	0	0	79	79
040131042183	Yes	1656	1242	753	11	37	6	0	66	294
040131042191	No	2306	1878	382	165	36	29	9	98	91
040131042192	No	1600	1353	395	41	15	11	0	23	157
040131042211	Yes	1633	632	882	40	291	89	0	290	291
040131042212	No	1420	1102	275	14	20	71	0	134	79
040131042213	No	918	816	127	26	0	40	0	0	36
040131042214	No	1617	1484	272	35	8	56	0	2	32
040131042221	No	1642	1115	325	0	0	79	0	92	356
040131042222	No	1330	1167	347	42	0	27	0	54	40
040131042223	Yes	1942	1028	980	5	0	69	0	196	644
040131042224	Yes	2188	1072	686	286	0	136	0	34	660
040131042231	No	972	610	267	4	18	12	0	72	256
040131042232	No	1243	875	238	0	0	23	0	206	139
040131042241	No	683	415	78	225	10	33	0	0	0
040131042242	No	1912	1543	532	0	1	68	0	147	153
040131042243	Yes	1971	1132	666	165	35	51	0	349	239
040131042244	No	1811	1600	428	0	0	3	0	0	208
040131042251	No	1932	1593	389	25	11	0	0	0	303
040131042252	No	1012	861	205	0	0	28	0	54	69
040131042253	No	685	617	11	0	0	57	0	11	0
040131042261	No	1103	843	194	158	0	0	0	12	90
040131042262	No	1240	1077	230	0	7	0	0	134	22
040131042263	No	572	475	41	0	57	0	0	11	29
040131042264	No	1258	1106	389	0	0	11	0	0	141
040131042271	No	1211	1009	131	22	0	25	0	117	38
040131042272	Yes	834	446	405	28	0	8	11	65	276
040131043011	Yes	2248	1696	1298	37	0	26	12	155	322
040131043012	No	1707	1465	402	8	22	25	0	18	169
040131043021	No	1552	1214	430	100	0	36	0	127	75
040131043022	Yes	2357	1053	604	420	308	28	25	156	367
040131044011	Yes	2987	1545	1905	0	511	0	0	85	846
040131044012	Yes	1172	646	480	16	111	0	0	334	65
040131044013	No	1392	1185	114	197	10	0	0	0	0
040131044021	No	558	494	75	0	41	11	0	0	12
040131044022	Yes	1916	189	387	863	0	422	27	134	281
040131045011	Yes	1068	647	606	63	64	0	0	169	125
040131045012	Yes	1355	531	712	196	49	0	8	241	330
040131045013	Yes	1647	742	797	112	39	52	0	63	639
040131045021	Yes	1651	1049	802	79	35	0	0	197	291
040131045022	Yes	2126	1038	1089	143	213	0	0	371	361
040131045023	Yes	1799	596	936	443	47	17	0	444	252
040131046001	No	2051	1289	234	307	207	41	0	17	190
040131046002	Yes	1186	589	619	62	19	8	0	283	225
040131046003	Yes	719	323	404	0	15	5	0	34	342
040131047011	Yes	1434	915	926	93	50	0	0	329	47
040131047012	No	933	855	52	11	0	27	0	0	40
040131047013	No	577	510	45	23	15	0	7	11	11
040131047021	Yes	780	510	416	18	111	0	34	97	10
040131047022	Yes	734	337	387	0	9	0	22	105	261
040131047023	Yes	1807	954	815	117	149	0	0	263	324
040131047024	No	457	370	31	29	0	0	0	0	58
040131048011	No	2465	2061	203	192	26	24	6	37	119

**TABLE 15: MINORITY POPULATION BY CENSUS BLOCK GROUPS
(2022 ACS)**

GEO ID	Minority Above Average %?	Total Population	White	Hispanic or Latino	Black	American Indian	Asian	Native Hawaiian	Other	TwoRaces
040131048012	No	1439	1114	400	14	19	11	0	24	257
040131048021	No	1234	1150	193	17	0	1	0	0	66
040131048022	No	1503	1069	183	84	26	15	11	233	65
040131048023	No	1533	1365	50	0	0	24	29	0	115
040131048024	No	875	658	20	172	0	0	0	20	25
040131048025	No	437	272	64	0	47	15	0	26	77
040131049001	No	1102	975	314	0	0	6	0	0	121
040131049002	No	1110	965	108	28	0	81	0	0	36
040131049003	No	482	464	17	7	0	3	0	0	8
040131049004	No	1356	1257	171	0	0	32	0	0	67
040131050021	No	756	725	138	9	0	0	0	0	22
040131050022	No	1708	1576	162	0	0	0	0	18	114
040131050031	No	2402	2163	203	8	0	56	0	102	73
040131050032	No	1557	1268	31	0	7	111	27	0	144
040131050041	No	1440	1157	113	0	0	141	0	54	88
040131050042	No	883	793	60	0	0	12	0	0	78
040131050043	Yes	1232	743	441	0	0	42	0	0	447
040131051011	No	880	760	0	40	7	12	0	0	61
040131051012	No	2118	1666	172	29	0	29	0	74	320
040131051013	No	1301	1204	61	5	17	0	0	17	58
040131051021	No	632	568	64	0	0	0	0	0	64
040131051022	No	1719	1440	72	40	0	6	0	0	233
040131051023	No	1185	868	54	0	12	145	25	38	97
040131051024	No	1151	985	215	0	3	13	0	96	54
040131051031	No	607	607	17	0	0	0	0	0	0
040131051032	No	381	370	21	0	0	11	0	0	0
040131051033	No	1981	1329	294	3	54	49	425	96	25
040131052001	No	736	551	119	0	0	50	0	64	71
040131052002	No	1702	1578	283	39	16	13	0	56	0
040131052003	No	1333	856	271	176	0	0	0	149	152
040131052004	Yes	2488	1081	1155	421	458	0	45	200	283
040131053001	No	1305	1177	293	3	0	58	0	0	67
040131053002	Yes	2316	1179	1438	36	0	31	0	295	775
040131053003	No	1247	1158	186	0	15	10	0	5	59
040131054001	No	1231	995	175	127	0	0	0	12	97
040131054002	No	1186	788	326	59	0	0	0	145	194
040131054003	Yes	1260	800	405	73	80	19	0	77	211
040131055011	Yes	1335	636	577	197	34	78	0	139	251
040131055012	Yes	968	527	351	86	24	32	0	125	174
040131055021	Yes	824	369	210	242	25	20	23	49	96
040131055022	Yes	1041	327	102	386	102	83	0	22	121
040131055031	Yes	527	215	121	148	74	0	0	84	6
040131055032	Yes	3598	1660	1265	631	159	11	0	260	877
040131056011	Yes	2657	946	1980	80	77	0	0	361	1193
040131056012	No	1404	1012	452	0	0	125	0	60	207
040131056021	Yes	1504	942	590	44	0	0	0	409	109
040131056022	Yes	2040	950	922	538	45	132	0	130	245
040131056023	Yes	2855	1186	783	875	17	22	0	431	324
040131057011	Yes	1574	934	637	23	91	88	0	137	301
040131057012	Yes	1920	1075	1064	19	381	103	0	89	253
040131057021	Yes	2595	1633	1238	58	100	90	0	234	480
040131057022	Yes	1692	873	890	87	27	0	0	85	620
040131058001	Yes	1710	878	832	0	4	0	0	158	670
040131058002	Yes	1517	437	904	0	0	225	0	424	431
040131058003	Yes	1628	750	1099	0	0	157	14	220	487
040131058004	Yes	1418	692	712	0	36	82	0	283	325
040131059001	Yes	2076	1274	1137	158	18	17	0	235	374
040131059002	Yes	1499	803	615	330	0	19	17	102	228
040131059003	Yes	1785	985	493	192	0	176	23	89	320
040131060011	Yes	1856	785	1037	170	161	0	2	294	444
040131060021	Yes	1711	730	575	177	12	48	0	258	486
040131060022	Yes	892	556	278	27	22	0	0	23	264

**TABLE 15: MINORITY POPULATION BY CENSUS BLOCK GROUPS
(2022 ACS)**

GEO ID	Minority Above Average %?	Total Population	White	Hispanic or Latino	Black	American Indian	Asian	Native Hawaiian	Other	TwoRaces
040131060031	Yes	2259	1147	1095	433	97	0	0	237	345
040131060032	Yes	1778	691	819	84	279	0	0	97	627
040131061001	No	1094	1003	73	0	0	0	0	0	91
040131061002	Yes	1547	775	483	0	0	170	15	26	561
040131061003	No	928	623	244	60	0	49	0	0	196
040131061004	No	1287	1087	231	2	2	3	0	0	193
040131061005	No	979	846	101	29	52	52	0	0	0
040131062001	No	1854	1679	194	24	3	22	9	17	100
040131062002	No	1556	1219	214	13	0	29	0	0	295
040131063001	No	1579	1173	327	13	28	0	0	193	172
040131063002	No	1712	1613	36	6	0	57	0	32	4
040131063003	No	647	485	0	134	3	25	0	0	0
040131063004	No	1342	980	396	159	0	19	0	123	61
040131064001	No	1248	1157	80	15	13	12	0	41	10
040131064002	No	2017	1700	392	34	0	56	0	115	112
040131065011	No	1790	1488	355	40	13	100	0	56	93
040131065012	No	1245	919	185	81	9	74	0	91	71
040131065021	No	1471	1017	383	100	8	80	0	52	214
040131065022	No	1382	1120	217	9	0	174	0	5	74
040131065023	No	839	662	189	26	11	20	0	35	85
040131066001	No	2011	1763	429	41	16	16	0	110	65
040131066002	No	1638	1444	293	15	51	21	0	4	103
040131067011	Yes	2037	1066	639	393	128	40	0	59	351
040131067012	Yes	1543	592	586	421	71	0	0	91	368
040131067013	Yes	979	598	406	174	0	68	0	35	104
040131067021	No	1290	942	268	123	41	10	0	56	118
040131067031	Yes	1263	858	493	0	44	43	0	28	290
040131067032	No	1177	1013	109	50	28	19	0	4	63
040131068011	Yes	1421	789	967	66	99	64	0	127	276
040131068012	Yes	2514	500	1193	437	67	287	0	195	1028
040131068013	No	771	522	225	50	37	24	0	29	109
040131068021	Yes	1292	646	704	148	11	39	0	30	418
040131068022	Yes	1215	617	649	118	7	49	0	76	348
040131068023	No	808	552	116	231	8	0	3	0	14
040131069001	Yes	1027	606	645	0	0	54	0	305	62
040131069002	Yes	2093	960	1356	0	55	0	0	239	839
040131069003	Yes	1854	848	1028	0	35	543	0	264	164
040131069004	Yes	3286	2306	1860	0	77	282	0	29	592
040131070011	No	2404	1855	786	0	0	37	0	193	319
040131070012	Yes	2217	842	1644	139	272	12	0	363	589
040131070021	Yes	1948	1162	1232	56	0	0	0	293	437
040131070022	Yes	1906	1030	950	18	182	104	0	242	330
040131071011	Yes	3060	1562	2595	70	0	0	0	401	1027
040131071012	Yes	2184	1433	1870	0	4	86	0	345	316
040131071021	Yes	1032	676	811	14	0	0	0	281	61
040131071022	Yes	2539	648	1582	75	184	497	0	586	549
040131071023	Yes	1843	518	1381	105	9	125	0	905	181
040131072011	No	2354	1749	586	98	13	118	14	273	89
040131072012	Yes	775	133	690	15	0	35	0	211	381
040131072021	Yes	2627	724	1854	233	42	63	0	801	764
040131072022	Yes	2392	1632	1282	0	0	185	0	323	252
040131073001	Yes	1526	689	808	164	53	153	0	2	465
040131073002	Yes	1282	550	1006	65	43	5	0	301	318
040131073003	Yes	1599	268	1339	169	0	0	0	617	545
040131073004	Yes	2423	1529	1629	346	0	0	0	98	450
040131074011	No	1228	956	307	0	54	0	0	50	168
040131074012	No	830	597	248	14	0	0	16	26	177
040131074013	Yes	623	414	264	29	0	0	0	0	180
040131074021	Yes	1479	840	847	79	162	0	0	48	350
040131074031	Yes	1379	810	859	384	0	55	0	0	130
040131074032	Yes	821	459	351	97	11	6	0	18	230
040131074041	Yes	1256	312	216	360	0	381	0	154	49

**TABLE 15: MINORITY POPULATION BY CENSUS BLOCK GROUPS
(2022 ACS)**

GEO ID	Minority Above Average %?	Total Population	White	Hispanic or Latino	Black	American Indian	Asian	Native Hawaiian	Other	TwoRaces
040131075001	No	1001	954	85	0	0	0	0	0	47
040131075002	No	1102	968	99	23	15	48	0	10	38
040131075003	No	1361	1115	194	36	4	35	0	29	142
040131076011	No	610	520	186	24	0	36	0	30	0
040131076012	No	1286	1103	308	26	34	24	0	52	47
040131076013	No	1084	806	172	63	15	48	0	95	57
040131076021	No	1333	1160	217	20	9	30	0	0	114
040131076022	No	1416	1022	449	28	41	0	0	132	193
040131077001	No	860	541	133	0	0	186	0	0	133
040131077002	No	682	556	140	0	0	66	0	34	26
040131077003	No	968	699	125	111	65	27	0	47	19
040131077004	No	607	430	91	77	0	15	0	40	45
040131077005	No	202	202	0	0	0	0	0	0	0
040131077006	No	798	798	97	0	0	0	0	0	0
040131078001	No	749	739	18	0	0	0	0	0	10
040131078002	No	1774	1459	239	79	27	58	0	23	128
040131079001	No	675	574	22	0	0	79	0	0	22
040131079002	No	2024	1912	103	0	0	0	0	15	97
040131079003	No	1136	846	158	104	0	50	15	87	34
040131080001	No	1127	1044	64	0	0	14	0	0	69
040131080002	No	1716	1593	80	0	0	71	0	0	52
040131081001	No	2249	1970	277	0	0	29	0	9	241
040131082001	No	968	832	86	34	0	32	0	36	34
040131082002	No	984	755	69	0	0	182	0	7	40
040131082003	No	1157	1068	113	0	0	8	0	11	70
040131083011	Yes	931	628	346	0	0	0	0	96	207
040131083012	No	1592	843	50	55	0	99	0	0	595
040131083013	No	1379	921	266	113	0	175	0	49	121
040131083021	No	1409	1238	411	25	13	5	0	0	128
040131083022	No	1849	1408	394	30	143	11	0	81	176
040131084001	No	391	214	14	43	64	70	0	0	0
040131084002	No	1266	1031	183	0	0	73	0	149	13
040131084003	Yes	1477	869	503	0	13	429	0	51	115
040131084004	No	1743	1436	225	0	64	37	0	0	206
040131084005	Yes	849	447	173	46	0	21	157	130	48
040131085011	No	1077	756	356	12	3	9	0	222	75
040131085012	Yes	1374	794	666	4	0	31	0	90	455
040131085021	No	527	342	85	31	16	45	0	23	70
040131085022	No	840	583	174	0	0	132	0	31	94
040131085023	No	1096	807	339	7	15	61	0	82	124
040131085024	No	913	889	293	12	0	12	0	0	0
040131086011	Yes	1756	947	804	226	92	88	36	178	189
040131086012	Yes	685	440	254	95	46	13	0	21	70
040131086021	Yes	1670	1036	473	87	97	37	0	15	398
040131086022	Yes	2136	1155	569	99	340	198	0	0	344
040131086023	Yes	1259	783	350	192	63	68	0	58	95
040131086024	Yes	1602	810	726	0	0	15	0	199	578
040131088021	Yes	943	578	468	41	48	0	0	38	238
040131088022	No	347	243	100	2	54	7	0	5	36
040131088023	No	828	720	45	0	0	0	0	33	75
040131089011	Yes	522	339	169	0	0	48	7	36	92
040131089012	No	865	695	372	41	0	8	0	26	95
040131089013	Yes	977	484	159	136	17	87	0	25	228
040131089021	Yes	953	488	156	230	40	55	0	99	41
040131089022	Yes	2187	1259	882	63	44	218	38	164	401
040131089023	Yes	1178	630	328	68	6	249	0	117	108
040131089024	Yes	870	630	364	102	20	0	0	69	49
040131090011	Yes	1807	570	1085	306	83	43	0	319	486
040131090012	Yes	3230	866	2095	704	48	14	0	382	1216
040131090021	Yes	1053	230	259	212	0	83	0	82	446
040131090022	Yes	1945	858	1316	304	93	0	0	213	477
040131090023	Yes	950	332	201	139	0	132	0	92	255

**TABLE 15: MINORITY POPULATION BY CENSUS BLOCK GROUPS
(2022 ACS)**

GEO ID	Minority Above Average %?	Total Population	White	Hispanic or Latino	Black	American Indian	Asian	Native Hawaiian	Other	TwoRaces
040131090031	Yes	2085	845	1319	319	44	0	24	249	604
040131090032	Yes	2171	752	1669	185	12	0	0	243	979
040131090033	Yes	1193	640	1057	45	25	0	0	231	252
040131090034	Yes	953	678	852	24	0	11	0	201	39
040131091011	Yes	2310	1501	1623	62	23	21	0	338	365
040131091012	Yes	1488	416	1290	64	14	58	0	145	791
040131091021	Yes	1758	615	884	671	0	0	0	229	243
040131091022	Yes	3786	1186	2817	0	510	37	0	1018	1035
040131091023	Yes	1102	433	851	76	21	32	0	299	241
040131092001	No	0	0	0	0	0	0	0	0	0
040131092002	Yes	1349	384	722	90	145	12	0	375	343
040131092003	Yes	1819	1216	1397	171	52	0	0	119	261
040131092004	Yes	1295	454	690	137	149	0	0	352	203
040131093001	Yes	1134	272	1088	0	0	0	0	847	15
040131093002	Yes	2351	1318	2039	1	0	0	1	419	612
040131093003	Yes	1282	1231	1073	0	0	0	0	18	33
040131094011	Yes	931	294	804	56	0	0	0	450	131
040131094012	Yes	1782	906	1003	307	0	0	0	456	113
040131094013	Yes	670	523	577	0	0	0	0	95	52
040131094021	Yes	2229	1152	1764	0	19	0	0	713	345
040131094022	Yes	1360	451	1048	0	56	3	0	525	325
040131094023	Yes	1155	844	558	0	0	0	0	249	62
040131095001	Yes	2308	908	1597	97	155	0	0	382	766
040131095002	Yes	1362	495	1225	64	0	53	0	348	402
040131095003	Yes	2198	1010	2006	91	3	10	0	529	555
040131096011	Yes	2153	1143	1837	106	0	45	0	328	531
040131096012	Yes	895	551	545	68	48	0	0	141	87
040131096013	Yes	1504	877	1016	102	0	7	0	52	466
040131096021	Yes	1972	996	1745	44	0	0	0	490	442
040131096022	Yes	3084	1298	2860	99	81	15	0	634	957
040131096023	Yes	2785	1849	2565	0	0	17	0	617	302
040131096031	Yes	1214	754	1035	17	0	0	0	341	102
040131096032	Yes	427	150	263	42	0	33	0	86	116
040131096033	Yes	1337	682	1164	0	75	0	0	392	188
040131096034	Yes	1138	753	868	156	0	0	0	222	7
040131096041	Yes	3318	987	3111	0	0	0	0	1273	1058
040131096042	Yes	1110	580	929	63	7	8	0	234	218
040131097021	Yes	1767	599	1479	0	56	0	0	459	653
040131097022	Yes	2355	1156	1544	12	70	0	0	745	372
040131097023	Yes	1796	704	1641	18	0	0	0	402	672
040131097031	Yes	1191	538	1067	61	34	0	0	252	306
040131097032	Yes	1789	1083	1132	4	122	0	0	377	203
040131097041	Yes	1736	708	1643	0	0	0	0	173	855
040131097042	Yes	783	346	630	6	30	0	0	332	69
040131097051	Yes	871	333	626	32	0	0	0	293	213
040131097052	Yes	998	582	897	24	0	0	0	205	187
040131097061	Yes	3241	797	3062	26	0	0	0	1718	700
040131097071	Yes	1405	771	818	205	0	0	0	104	325
040131097072	Yes	1090	411	810	108	0	0	0	152	419
040131097073	Yes	2543	1237	1625	536	0	0	0	634	136
040131098011	Yes	3749	1255	3231	270	118	0	0	1146	960
040131098012	Yes	1279	491	1133	72	36	0	0	321	359
040131098021	Yes	1696	789	1275	0	32	147	0	600	128
040131098022	Yes	1494	904	1360	0	62	0	0	404	124
040131098023	Yes	1439	693	1244	80	0	0	0	473	193
040131099001	Yes	2256	1360	2001	68	0	0	0	740	88
040131099002	Yes	1746	1024	1214	140	0	0	0	554	28
040131099003	Yes	2173	1156	1725	137	0	0	0	512	368
040131099004	Yes	1501	1101	1458	0	2	0	0	66	332
040131100011	Yes	2485	1049	2163	193	0	0	0	679	564
040131100012	Yes	2577	1336	2346	16	18	42	0	796	369
040131100021	Yes	1786	1103	1725	0	40	0	0	271	372

**TABLE 15: MINORITY POPULATION BY CENSUS BLOCK GROUPS
(2022 ACS)**

GEO ID	Minority Above Average %?	Total Population	White	Hispanic or Latino	Black	American Indian	Asian	Native Hawaiian	Other	TwoRaces
040131100022	Yes	3011	1871	2478	56	36	0	0	728	320
040131101001	Yes	1227	612	1084	0	81	37	0	303	194
040131101002	Yes	1222	777	1095	0	58	14	0	172	201
040131101003	Yes	2733	994	2449	83	0	122	0	389	1145
040131101004	Yes	1733	1034	1561	40	50	0	0	66	543
040131104001	Yes	1786	724	956	90	55	0	0	139	778
040131104002	No	870	445	64	130	59	79	0	0	157
040131104003	Yes	1494	548	901	211	0	19	0	321	395
040131104004	No	798	537	221	69	50	65	0	36	41
040131105011	No	924	563	194	49	75	98	0	61	78
040131105012	Yes	2200	1403	870	270	9	130	0	46	342
040131105013	No	321	294	109	12	0	0	0	0	15
040131105021	Yes	1448	887	409	50	184	142	0	85	100
040131105022	Yes	1816	997	651	148	11	158	7	149	346
040131106001	Yes	959	618	560	0	0	63	0	153	125
040131106002	Yes	2110	991	1144	13	524	0	0	273	309
040131106003	No	279	262	7	4	0	13	0	0	0
040131106004	No	1410	1084	129	61	102	38	0	19	106
040131107011	Yes	886	518	404	16	14	100	0	76	162
040131107012	Yes	1358	909	889	26	6	14	0	290	113
040131107021	Yes	2510	1345	1483	105	16	39	0	361	644
040131107022	Yes	2061	1337	1231	0	5	16	0	271	432
040131108011	Yes	2308	1254	900	338	105	29	0	218	364
040131108012	Yes	1226	794	449	173	38	0	0	68	153
040131108013	Yes	1491	1018	1002	27	0	0	0	265	181
040131108021	Yes	851	620	345	12	15	0	0	85	119
040131108022	No	1550	1007	283	206	0	7	0	80	250
040131109011	Yes	1313	878	525	0	0	0	0	0	435
040131109012	Yes	2215	1102	775	344	0	79	0	32	658
040131109021	Yes	2040	1210	1100	122	35	9	25	118	521
040131109022	No	2577	1853	699	122	78	11	0	45	468
040131110001	No	1007	809	266	104	0	0	0	52	42
040131110002	No	785	739	89	0	45	0	0	1	0
040131110003	No	1218	1052	54	0	0	0	0	61	105
040131110004	No	819	740	87	0	0	12	0	17	50
040131110005	No	514	376	128	10	0	0	0	53	75
040131111001	No	1492	1402	56	90	0	0	0	0	0
040131111002	Yes	1511	919	580	107	11	58	0	60	356
040131111003	No	1994	1751	108	7	0	126	0	18	92
040131112011	No	967	712	79	23	0	0	0	0	232
040131112012	No	1873	978	200	457	161	24	0	175	78
040131112013	Yes	2449	1250	1317	210	66	0	25	101	797
040131112014	No	941	793	265	0	41	0	0	33	74
040131112021	Yes	1792	877	863	275	78	22	0	54	486
040131112031	Yes	1962	638	482	672	70	14	0	171	397
040131112041	Yes	3666	1578	1306	677	33	59	0	174	1145
040131113001	Yes	1498	729	1008	0	0	0	0	0	769
040131113002	Yes	835	490	280	31	0	31	0	0	283
040131113003	Yes	1215	558	728	114	15	14	0	148	366
040131113004	No	1307	861	388	47	1	25	0	15	358
040131113005	Yes	824	536	366	98	49	0	0	67	74
040131114011	Yes	1725	862	1100	0	52	102	0	104	605
040131114012	Yes	2748	1127	2181	25	44	17	0	298	1237
040131114021	Yes	2118	1287	1101	170	44	12	12	113	480
040131114022	Yes	1353	851	485	130	33	42	41	126	130
040131115011	Yes	2148	1378	1520	35	0	0	0	266	469
040131115021	Yes	1590	765	1014	173	34	126	0	248	244
040131115022	Yes	1940	1402	1321	0	55	16	0	124	343
040131115023	Yes	1309	842	1055	130	10	0	0	12	315
040131115024	Yes	1601	792	1269	15	34	10	0	490	260
040131116011	Yes	1272	653	730	0	19	23	0	214	363
040131116012	Yes	2104	987	1533	18	74	0	0	46	979

**TABLE 15: MINORITY POPULATION BY CENSUS BLOCK GROUPS
(2022 ACS)**

GEO ID	Minority Above Average %?	Total Population	White	Hispanic or Latino	Black	American Indian	Asian	Native Hawaiian	Other	TwoRaces
040131116021	No	475	316	125	83	19	15	0	0	42
040131116022	Yes	1883	842	1270	82	73	14	0	545	327
040131116023	Yes	2288	1118	1978	73	92	0	0	341	664
040131117001	Yes	1371	925	731	35	222	4	0	142	43
040131117002	No	1054	774	297	11	24	16	0	120	109
040131117003	Yes	1531	662	1003	23	20	9	0	536	281
040131117004	No	1598	1511	87	0	0	6	16	0	65
040131118001	Yes	943	507	496	0	0	17	0	0	419
040131118002	No	1010	855	82	48	0	89	0	0	18
040131118003	No	1261	1115	115	0	0	39	0	15	92
040131118004	No	1481	1059	152	33	0	125	0	55	209
040131119001	No	744	635	92	20	0	23	0	38	28
040131119002	No	561	510	72	0	0	0	0	15	36
040131119003	Yes	1217	621	619	16	5	39	12	60	464
040131121001	Yes	1787	708	1614	100	45	32	0	343	559
040131121002	Yes	1181	493	1014	70	25	6	0	444	143
040131121003	Yes	951	534	877	0	0	0	0	254	163
040131122011	Yes	1923	818	1570	0	15	0	0	579	511
040131122012	Yes	3079	1361	2780	4	5	20	114	844	731
040131122021	Yes	991	622	797	0	0	0	0	234	135
040131122022	Yes	1206	891	1032	0	0	19	0	95	201
040131122023	Yes	1831	907	1183	193	32	43	0	216	440
040131123011	Yes	1662	530	1418	163	47	0	0	193	729
040131123012	Yes	2074	951	1682	214	114	0	0	372	423
040131123013	Yes	2253	588	2089	164	11	0	0	607	883
040131123021	Yes	1486	642	1183	274	0	0	0	570	0
040131123022	Yes	1765	803	1372	36	58	23	0	47	798
040131123023	Yes	1148	813	725	72	24	0	0	0	239
040131123024	Yes	1447	868	885	343	0	57	0	33	146
040131123025	Yes	1436	688	1139	16	1	0	0	422	309
040131124011	Yes	1452	610	1271	77	0	7	0	658	100
040131124012	Yes	2273	580	2058	78	235	0	0	845	535
040131124013	Yes	2469	1179	2265	0	0	0	0	337	953
040131124021	Yes	3196	1794	2800	339	15	0	0	349	699
040131124022	Yes	1413	783	1315	63	0	0	0	106	461
040131124023	Yes	1622	673	1510	66	7	0	0	326	550
040131125021	Yes	3126	1426	2599	23	476	0	0	721	480
040131125022	Yes	1091	442	1033	0	0	0	0	377	272
040131125023	Yes	1780	974	1747	0	0	31	0	552	223
040131125041	Yes	2278	1338	1866	1	4	72	0	321	542
040131125042	Yes	1746	823	1437	121	6	24	0	576	196
040131125071	Yes	1804	677	1633	105	0	0	0	182	840
040131125072	Yes	1488	978	1252	93	23	13	0	143	238
040131125081	Yes	2412	955	2178	0	55	14	0	728	660
040131125101	Yes	1023	369	921	0	0	0	0	518	136
040131125102	Yes	1478	419	1053	165	8	0	0	597	289
040131125103	Yes	2242	673	1943	359	0	0	0	339	871
040131125121	Yes	440	211	131	167	10	18	0	0	34
040131125122	Yes	220	4	111	132	0	0	0	27	57
040131125141	Yes	2427	724	1484	504	130	17	0	300	752
040131125142	Yes	2106	914	666	728	69	57	0	138	200
040131125151	Yes	1074	333	672	128	101	0	0	446	66
040131125152	Yes	1735	637	1093	264	0	37	0	709	88
040131125153	Yes	1785	710	1220	170	190	0	0	414	301
040131125161	No	0	0	0	0	0	0	0	0	0
040131125162	Yes	2696	334	2527	32	0	17	0	611	1702
040131125163	Yes	2025	1837	1870	0	0	0	0	180	8
040131125171	Yes	1838	1188	1377	102	87	14	0	116	331
040131125172	Yes	1623	947	1069	20	0	0	0	66	590
040131125173	Yes	1809	770	1002	451	50	0	5	122	411
040131125181	Yes	2053	922	1419	59	410	37	0	330	295
040131125182	Yes	3116	987	2149	541	9	0	0	566	1013

**TABLE 15: MINORITY POPULATION BY CENSUS BLOCK GROUPS
(2022 ACS)**

GEO ID	Minority Above Average %?	Total Population	White	Hispanic or Latino	Black	American Indian	Asian	Native Hawaiian	Other	TwoRaces
040131125191	Yes	3056	1313	2941	0	21	0	0	1386	336
040131125192	Yes	2117	1258	2044	19	0	0	0	708	132
040131125201	Yes	1764	1000	1552	0	68	0	0	431	265
040131125202	Yes	2399	898	1626	294	73	0	0	535	599
040131125211	Yes	2129	669	1524	360	137	71	0	222	670
040131125212	Yes	930	389	510	218	13	71	0	29	210
040131125221	Yes	3060	816	3043	0	0	0	0	699	1545
040131125222	Yes	996	781	780	0	0	0	0	54	161
040131125223	Yes	2787	2136	2555	0	0	0	0	252	399
040131125231	Yes	2396	638	787	778	401	66	74	62	377
040131125232	No	0	0	0	0	0	0	0	0	0
040131125233	Yes	2039	798	1602	229	38	62	0	397	515
040131125241	Yes	3079	868	1382	487	50	47	40	680	907
040131125242	Yes	1979	430	779	955	163	0	0	190	241
040131125243	No	2	2	0	0	0	0	0	0	0
040131126011	Yes	967	594	930	25	0	0	16	235	97
040131126012	Yes	2540	1030	2196	170	159	55	0	521	605
040131126021	Yes	2237	726	2228	0	86	0	0	670	755
040131126022	Yes	2433	1007	2161	0	16	0	0	303	1107
040131126023	Yes	1728	878	1564	0	0	14	0	288	548
040131126024	Yes	2306	1418	2262	0	0	0	0	384	504
040131127001	Yes	2657	1108	2399	0	28	55	11	781	674
040131127002	Yes	1974	960	1764	0	0	52	0	563	399
040131127003	Yes	2818	1163	2586	0	224	0	0	351	1080
040131127004	Yes	338	269	254	32	0	6	0	7	24
040131129001	No	1180	945	188	19	19	10	0	63	124
040131129002	Yes	929	459	472	28	35	41	0	197	169
040131129003	No	1096	775	375	72	17	0	0	38	194
040131129004	Yes	1425	506	1187	70	7	16	3	89	734
040131130001	No	2935	1513	382	124	906	108	0	74	210
040131130002	No	1106	683	172	241	0	85	0	31	66
040131131001	No	1666	949	234	522	49	18	0	22	106
040131131002	No	1767	1327	305	78	50	147	0	23	142
040131131003	No	2404	1789	578	89	37	152	0	74	263
040131132011	Yes	1341	565	869	120	5	100	0	111	440
040131132012	Yes	903	421	649	34	13	19	0	167	249
040131132021	Yes	974	688	587	40	23	9	0	167	47
040131132022	Yes	1167	429	859	69	47	0	0	105	517
040131132041	Yes	1622	827	977	51	0	13	0	194	537
040131132042	Yes	484	172	304	26	33	0	0	55	198
040131132043	Yes	378	181	108	35	0	79	0	0	83
040131133011	Yes	1491	648	720	587	7	3	0	17	229
040131133012	Yes	1414	745	1157	171	0	0	0	152	346
040131133013	Yes	551	451	284	28	0	0	0	14	58
040131133014	Yes	292	89	197	24	35	0	0	31	113
040131135021	Yes	3243	1238	2679	494	0	0	0	233	1278
040131135031	Yes	2316	1246	2013	57	70	0	0	153	790
040131135032	Yes	2406	858	1703	244	14	0	0	180	1110
040131135033	No	104	104	38	0	0	0	0	0	0
040131136011	Yes	2532	1866	2178	149	1	40	0	219	257
040131136012	No	0	0	0	0	0	0	0	0	0
040131136013	Yes	2379	1597	1190	149	212	144	0	63	214
040131136021	Yes	2012	510	1474	391	96	0	0	358	657
040131136022	Yes	2280	880	1338	439	63	0	0	414	484
040131137011	Yes	833	468	646	0	31	0	0	121	213
040131137012	Yes	593	205	106	248	0	0	0	0	140
040131137013	Yes	2265	966	1136	339	136	62	0	93	669
040131137014	Yes	1908	450	1468	150	7	55	0	328	918
040131137021	Yes	694	153	547	12	0	0	0	18	511
040131137022	Yes	1846	276	538	906	121	16	0	16	511
040131138001	No	0	0	0	0	0	0	0	0	0
040131138002	No	1259	805	330	0	0	222	0	28	204

**TABLE 15: MINORITY POPULATION BY CENSUS BLOCK GROUPS
(2022 ACS)**

GEO ID	Minority Above Average %?	Total Population	White	Hispanic or Latino	Black	American Indian	Asian	Native Hawaiian	Other	TwoRaces
040131138003	No	24	24	0	0	0	0	0	0	0
040131138004	Yes	469	226	97	151	0	38	0	48	6
040131138005	Yes	261	107	124	25	0	0	0	3	126
040131138006	No	0	0	0	0	0	0	0	0	0
040131138007	Yes	568	365	457	8	0	2	0	12	181
040131139001	Yes	113	20	31	32	33	0	0	0	28
040131139002	Yes	1419	474	977	356	131	0	0	102	356
040131140001	Yes	509	305	388	61	0	0	0	42	101
040131140002	Yes	8	8	8	0	0	0	0	0	0
040131140003	No	1014	806	92	77	0	82	0	0	49
040131140004	No	334	261	84	0	0	31	0	24	18
040131141001	No	2061	1474	430	278	88	23	0	25	173
040131142001	Yes	933	305	531	170	84	0	0	140	234
040131143011	Yes	868	364	447	32	52	0	0	14	406
040131143021	Yes	1332	396	1099	146	11	0	0	228	551
040131143022	Yes	1379	362	656	593	45	26	0	24	329
040131144011	Yes	1687	495	1537	43	140	0	8	628	373
040131144021	Yes	731	432	645	13	11	5	0	129	141
040131144022	Yes	1025	481	840	144	25	26	0	188	161
040131145001	Yes	1708	650	1556	0	106	12	0	599	341
040131145002	Yes	637	419	601	0	0	0	0	105	113
040131145003	Yes	1879	845	1571	19	53	56	0	513	393
040131146001	Yes	1364	661	1205	32	8	0	0	160	503
040131147041	Yes	1988	1003	1474	66	107	0	0	498	314
040131147051	Yes	3325	1375	874	817	343	13	0	452	325
040131148001	Yes	1468	731	1189	60	86	18	0	134	439
040131148002	Yes	1174	451	1005	85	0	0	0	162	476
040131148003	Yes	478	197	298	27	21	0	0	70	163
040131149001	Yes	1967	895	1198	326	85	149	0	311	201
040131149002	Yes	548	240	384	0	52	0	0	41	215
040131149003	Yes	202	100	135	48	0	0	0	7	47
040131152001	No	0	0	0	0	0	0	0	0	0
040131152002	Yes	1855	842	986	121	46	146	181	179	340
040131152003	Yes	1572	746	1217	80	96	0	0	72	578
040131153001	Yes	1606	790	1056	498	26	5	0	19	268
040131153002	Yes	1159	403	741	148	66	0	0	218	324
040131154001	Yes	586	228	370	144	0	0	0	75	139
040131154002	Yes	1102	354	1000	0	0	0	0	202	546
040131155001	Yes	2035	1184	1859	0	17	0	14	546	274
040131155002	Yes	1829	925	1620	18	0	0	0	452	434
040131156001	Yes	2052	301	771	1134	143	27	0	93	354
040131156002	Yes	2189	657	1760	290	112	0	18	284	828
040131157001	Yes	1757	549	1594	0	31	0	0	642	535
040131157002	Yes	2659	861	1572	628	0	18	0	533	619
040131157003	Yes	2181	211	1789	217	105	0	0	685	963
040131157004	Yes	860	422	749	0	0	0	0	198	240
040131158011	Yes	2390	1054	1669	281	214	49	0	207	585
040131158012	Yes	1857	584	1504	302	0	0	0	437	534
040131158021	Yes	1933	472	1656	69	25	0	0	347	1020
040131158022	Yes	1892	869	1533	200	38	0	0	171	614
040131159001	Yes	2180	888	1509	326	26	19	0	210	711
040131159002	Yes	1971	1073	1656	2	15	10	0	810	61
040131159003	Yes	2074	851	1383	388	209	51	0	87	488
040131160001	Yes	1553	408	672	874	5	0	0	34	232
040131160002	Yes	1831	462	997	584	148	0	0	372	265
040131160003	Yes	1126	627	260	40	41	190	0	74	154
040131160004	Yes	2338	846	1180	537	47	76	0	571	261
040131161001	Yes	2015	482	924	876	97	0	0	336	224
040131161002	Yes	2066	995	1073	606	0	179	0	12	274
040131161003	Yes	462	207	253	143	0	16	0	96	0
040131162021	Yes	1411	739	1137	78	25	0	0	139	430
040131162022	Yes	1679	734	1230	143	70	107	0	316	309

**TABLE 15: MINORITY POPULATION BY CENSUS BLOCK GROUPS
(2022 ACS)**

GEO ID	Minority Above Average %?	Total Population	White	Hispanic or Latino	Black	American Indian	Asian	Native Hawaiian	Other	TwoRaces
040131162023	Yes	1025	409	767	26	10	3	0	114	463
040131162024	Yes	902	167	580	177	22	0	0	428	108
040131162031	Yes	1485	811	1121	81	0	32	0	161	400
040131162032	Yes	2559	737	419	885	42	169	453	47	226
040131162033	Yes	2982	1055	1434	235	0	344	58	178	1112
040131162041	Yes	1755	542	1395	44	16	29	0	109	1015
040131162042	Yes	1422	487	1044	24	40	0	0	410	461
040131162043	Yes	1232	714	587	173	17	0	0	245	83
040131162051	Yes	1197	699	606	69	0	33	0	149	247
040131162052	Yes	1072	502	652	157	11	11	0	185	206
040131162053	Yes	1706	551	823	486	18	76	5	220	350
040131163001	Yes	1602	676	995	185	43	87	0	35	576
040131163002	Yes	2581	691	1505	972	0	23	0	188	707
040131163003	Yes	1998	1047	955	603	134	33	0	115	66
040131164001	Yes	2683	962	2287	111	0	0	0	281	1329
040131164002	Yes	655	291	513	12	12	0	0	53	287
040131164003	Yes	1523	608	914	332	12	25	14	130	402
040131164004	Yes	1052	356	759	74	65	0	0	193	364
040131165001	Yes	1893	1390	1871	0	53	22	0	123	305
040131165002	Yes	1617	677	1182	85	0	0	0	121	734
040131165003	Yes	1463	422	1124	167	38	0	0	518	318
040131166051	Yes	1127	211	267	343	0	31	0	222	320
040131166052	Yes	2125	716	1257	79	59	331	0	437	503
040131166053	Yes	1375	568	547	370	0	157	0	259	21
040131166054	Yes	2580	622	1541	427	0	0	0	891	640
040131166061	Yes	1831	860	1323	63	0	33	0	773	102
040131166062	Yes	1716	603	631	573	16	159	0	156	209
040131166063	Yes	2544	521	1117	847	0	364	0	440	372
040131166071	Yes	2867	1173	1735	458	28	97	0	757	354
040131166072	Yes	1371	395	685	563	0	52	0	160	201
040131166101	Yes	2451	760	1221	558	28	35	0	883	187
040131166102	Yes	2851	1529	1444	331	221	114	80	197	379
040131166103	Yes	1496	529	587	258	65	282	0	0	362
040131166111	Yes	2471	1075	1057	491	0	95	99	224	487
040131166112	Yes	1765	915	723	172	29	128	43	309	169
040131166121	Yes	3157	680	1218	1216	28	206	0	442	585
040131166122	Yes	1173	626	416	79	0	135	0	52	281
040131166123	Yes	2377	965	1259	435	22	0	0	654	301
040131166141	Yes	3709	1139	2230	699	0	258	0	1256	357
040131166151	Yes	2301	878	2038	29	1	0	0	576	817
040131166152	Yes	1546	693	804	537	0	0	0	0	316
040131166161	Yes	2666	1197	1478	403	0	9	0	429	628
040131166162	Yes	2566	893	997	1157	51	19	0	217	229
040131166171	Yes	1450	642	546	187	3	122	0	154	342
040131166172	Yes	2199	1316	1382	53	253	0	0	150	427
040131166181	Yes	2865	977	1474	466	89	95	0	616	622
040131166182	Yes	2551	1028	1297	501	0	0	0	310	712
040131166191	Yes	1708	905	604	467	14	77	0	233	12
040131166192	Yes	3453	1561	1699	673	0	233	0	767	219
040131166201	Yes	644	415	304	0	0	0	0	60	169
040131166202	Yes	1721	1071	571	381	0	18	0	12	239
040131166203	Yes	1541	570	901	234	0	13	0	286	438
040131166204	Yes	2479	800	1051	700	0	0	0	826	153
040131166205	Yes	1661	729	693	210	28	12	0	352	330
040131166211	Yes	3489	1625	1739	353	0	189	0	882	440
040131166212	Yes	2309	875	769	644	11	109	0	474	196
040131167031	Yes	2376	1443	777	232	0	16	0	109	576
040131167032	Yes	2110	976	1386	367	31	10	0	292	434
040131167033	Yes	1041	440	540	183	25	60	0	42	291
040131167071	No	1811	1482	388	0	0	0	0	38	291
040131167072	No	1216	1018	112	30	0	35	0	39	94
040131167081	No	2076	1843	81	16	67	41	0	0	109

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(2022 ACS)**

GEO ID	Minority Above Average %?	Total Population	White	Hispanic or Latino	Black	American Indian	Asian	Native Hawaiian	Other	TwoRaces
040131167082	No	1074	662	140	58	244	47	0	51	12
040131167083	No	782	573	169	102	77	16	0	0	14
040131167084	No	1303	1211	125	22	0	16	0	2	52
040131167091	Yes	2059	1069	629	230	0	222	41	331	166
040131167092	Yes	528	352	201	1	0	12	0	80	83
040131167101	No	1882	1634	32	7	78	3	0	5	155
040131167102	No	1607	1314	169	0	10	101	0	164	18
040131167103	No	1767	1589	72	36	0	63	0	70	9
040131167111	No	751	550	167	29	15	19	0	105	33
040131167112	Yes	1328	683	328	153	84	91	0	115	202
040131167121	Yes	2515	1437	640	107	51	284	0	152	484
040131167122	No	1527	967	51	64	266	48	0	1	181
040131167123	No	2851	1700	581	293	1	390	0	93	374
040131167131	No	821	530	48	52	0	52	11	0	176
040131167132	No	866	826	13	0	0	17	0	0	23
040131167133	No	1136	709	219	189	0	0	0	49	189
040131167134	No	1436	1146	240	0	0	102	0	11	177
040131167135	No	1425	1033	130	0	0	13	0	367	12
040131167141	No	1406	898	178	112	10	168	0	105	113
040131167142	No	2051	1626	294	0	11	274	0	20	120
040131167151	No	1129	892	131	67	52	64	0	17	37
040131167152	No	668	529	75	45	0	26	4	49	15
040131167171	Yes	1774	678	408	510	97	196	0	36	257
040131167172	Yes	1416	942	552	58	137	72	0	7	200
040131167181	No	1464	1049	357	125	29	100	0	61	100
040131167182	Yes	1111	647	272	197	11	0	0	87	169
040131167191	No	2229	1571	342	261	264	34	0	0	99
040131167192	Yes	1281	579	286	115	78	141	0	157	211
040131167193	No	1814	1577	102	0	30	149	0	45	13
040131167194	No	1355	991	201	27	21	90	0	28	198
040131167201	No	1500	952	393	42	0	64	0	303	139
040131167202	Yes	1071	500	184	352	49	0	0	52	118
040131167203	No	1425	893	274	117	23	58	34	115	185
040131167211	No	1898	1413	168	0	0	53	0	157	275
040131167212	No	1755	1453	318	0	26	56	0	37	183
040131167251	No	1176	1148	14	0	0	13	0	0	15
040131167252	No	701	497	106	6	16	42	0	14	126
040131167253	No	1075	899	70	0	0	140	0	0	36
040131167254	Yes	2274	988	997	236	0	232	0	384	434
040131167271	No	1089	835	131	54	0	160	0	13	27
040131167272	No	1524	1246	297	14	0	40	0	29	195
040131167273	No	1168	837	128	136	0	104	0	49	42
040131167281	Yes	1793	983	558	34	0	192	12	45	527
040131167282	No	2627	1092	142	97	0	1247	0	66	125
040131167283	No	942	826	21	29	0	33	12	0	42
040131167291	No	656	548	46	0	0	53	0	4	51
040131167292	No	2075	1689	302	66	0	85	0	0	235
040131167293	No	991	856	119	20	0	22	0	8	85
040131167301	No	1729	1073	273	130	2	220	0	109	195
040131167311	No	2235	1447	395	48	17	344	0	98	281
040131167312	Yes	1154	677	395	32	0	103	26	73	243
040131167321	Yes	1270	587	857	145	165	0	0	145	228
040131167322	Yes	1916	791	1492	106	2	13	0	745	259
040131167323	No	815	475	134	224	0	49	0	0	67
040131167331	No	8	8	0	0	0	0	0	0	0
040131167341	Yes	1740	837	1200	249	0	1	0	469	184
040131167351	Yes	1715	995	912	356	0	0	0	216	148
040131167352	Yes	1422	382	948	146	235	0	0	462	197
040131167361	Yes	1508	968	1050	9	0	0	0	187	344
040131167362	Yes	2115	586	994	302	274	151	0	484	318
040131167371	No	1737	1163	525	227	0	63	0	203	81
040131167372	Yes	1694	591	719	428	0	82	0	301	292

**TABLE 15: MINORITY POPULATION BY CENSUS BLOCK GROUPS
(2022 ACS)**

GEO ID	Minority Above Average %?	Total Population	White	Hispanic or Latino	Black	American Indian	Asian	Native Hawaiian	Other	TwoRaces
040131167381	No	2000	1521	224	193	12	131	0	68	75
040131167382	No	1615	1230	279	24	0	225	0	53	83
040131167383	Yes	3038	1275	1561	635	349	182	0	132	465
040131168001	No	0	0	0	0	0	0	0	0	0
040131168002	No	0	0	0	0	0	0	0	0	0
040131168003	Yes	1776	737	1028	28	72	0	7	141	791
040131168004	Yes	883	642	786	0	0	0	0	137	104
040131169001	Yes	2653	1126	2291	40	35	29	0	261	1162
040131170001	No	1278	1086	536	74	0	0	0	37	81
040131170002	Yes	3770	1342	1777	996	68	160	0	183	1021
040131170003	Yes	1967	815	973	496	46	131	31	106	342
040131171001	No	1890	1207	446	95	170	70	0	149	199
040131171002	Yes	1030	400	382	198	0	38	0	77	317
040131172001	No	0	0	0	0	0	0	0	0	0
040131172002	Yes	42	7	42	0	0	0	0	12	23
040131172003	Yes	1094	600	1020	0	41	0	0	166	287
040131173001	Yes	767	197	721	0	0	0	0	102	468
040131173002	Yes	1406	105	700	609	40	0	0	88	564
040132168061	No	1472	1336	150	0	0	55	0	8	73
040132168062	No	1601	1355	21	56	0	106	0	0	84
040132168071	No	1901	1815	86	0	0	0	0	17	69
040132168072	No	904	819	0	0	0	15	39	0	31
040132168073	No	2211	1975	259	17	0	19	0	9	191
040132168091	No	2859	2572	95	0	35	77	0	0	175
040132168092	No	859	610	19	0	0	195	0	54	0
040132168093	No	1166	957	94	11	0	125	0	34	39
040132168101	No	1537	1240	75	92	0	91	30	24	60
040132168131	No	1886	1443	146	0	0	178	16	82	167
040132168132	No	813	763	50	0	0	0	0	0	50
040132168133	No	793	777	35	0	0	16	0	0	0
040132168134	No	1209	1147	43	0	0	0	0	0	62
040132168161	No	2543	2393	59	3	0	81	0	42	24
040132168162	No	2200	1747	205	101	0	182	0	14	156
040132168163	No	1673	1433	214	0	25	90	0	103	22
040132168191	No	2798	2610	146	0	0	51	0	18	119
040132168192	No	1920	1712	87	5	2	21	0	0	180
040132168193	No	1813	1330	32	380	0	61	0	0	42
040132168201	No	1297	1275	23	0	0	8	10	0	4
040132168202	No	1575	1401	96	29	29	39	0	30	47
040132168203	No	1275	1137	109	0	0	8	0	19	111
040132168211	No	893	874	0	0	0	8	0	0	11
040132168212	No	1849	1776	96	0	0	42	0	31	0
040132168213	No	2116	1884	2	0	0	61	0	1	170
040132168214	No	807	789	18	0	0	0	0	18	0
040132168221	No	1248	1021	73	12	0	105	0	20	90
040132168222	No	1785	1716	71	0	0	59	0	0	10
040132168223	No	1620	1533	27	0	0	69	0	0	18
040132168261	No	1754	1625	123	23	0	1	2	26	77
040132168262	No	1424	1145	9	0	0	181	0	0	98
040132168263	No	1052	996	48	0	0	43	13	0	0
040132168264	No	670	670	45	0	0	0	0	0	0
040132168291	No	1900	1698	68	135	0	0	0	0	67
040132168292	No	1287	1118	136	113	0	38	0	0	18
040132168293	No	1581	1537	153	0	0	23	0	0	21
040132168294	No	759	741	0	18	0	0	0	0	0
040132168301	No	1325	887	334	0	11	120	0	75	232
040132168302	No	1460	1373	113	11	1	14	0	14	47
040132168311	No	1258	1182	158	6	0	11	31	0	28
040132168312	No	1230	1122	15	0	8	55	0	8	37
040132168321	No	1578	1526	0	22	7	9	0	0	14
040132168322	No	863	837	0	0	0	14	0	0	12
040132168331	No	1418	1099	43	61	0	188	0	17	53

**TABLE 15: MINORITY POPULATION BY CENSUS BLOCK GROUPS
(2022 ACS)**

GEO ID	Minority Above Average %?	Total Population	White	Hispanic or Latino	Black	American Indian	Asian	Native Hawaiian	Other	TwoRaces
040132168332	No	1019	962	0	0	0	57	0	0	0
040132168333	No	1512	1293	110	0	0	141	0	78	0
040132168341	Yes	1498	925	422	13	0	25	0	0	535
040132168342	No	1743	1168	68	474	1	17	0	0	83
040132168351	No	1664	1414	99	24	38	36	0	0	152
040132168352	No	885	786	59	0	2	30	24	0	43
040132168361	No	2334	1942	163	21	0	118	0	36	217
040132168362	No	1477	1351	181	27	0	9	0	8	82
040132168371	No	1402	1126	144	25	0	130	0	0	121
040132168372	No	1406	1051	72	118	8	88	0	71	70
040132168373	No	2094	1474	172	236	50	121	0	17	196
040132168381	No	2100	1325	261	24	0	490	0	0	261
040132168382	No	1743	1117	90	0	0	494	0	0	132
040132168383	No	1438	1370	25	7	3	0	0	2	56
040132168391	No	1006	896	32	0	1	41	0	17	51
040132168392	No	1588	1243	152	62	0	126	0	16	141
040132168393	No	1124	969	81	0	0	50	0	28	77
040132168401	No	3433	2906	608	97	0	118	0	7	305
040132168402	No	877	841	18	13	0	0	0	2	21
040132168403	No	1082	953	33	104	0	0	0	0	25
040132168411	No	909	802	89	0	0	42	0	23	42
040132168412	No	3198	2750	466	0	13	125	18	55	237
040132168421	No	1275	1143	29	0	0	87	0	22	23
040132168422	No	2357	1887	219	0	0	183	0	10	277
040132168431	No	564	508	0	0	0	56	0	0	0
040132168432	No	1101	1082	0	0	19	0	0	0	0
040132168433	No	1797	1772	93	0	0	9	0	7	9
040132168441	No	1238	1049	70	0	0	143	0	0	46
040132168442	No	3041	2562	358	126	0	76	0	143	134
040132168451	No	684	526	154	7	0	10	0	63	78
040132168452	No	1617	1300	210	54	0	61	0	18	184
040132168491	No	944	812	22	3	0	62	0	0	67
040132168492	No	691	548	35	32	19	51	0	0	41
040132168493	No	1634	1042	56	128	0	356	0	73	35
040132168494	No	1183	1026	143	0	0	0	0	21	136
040132168495	No	1803	1744	0	0	0	48	0	0	11
040132168501	No	1334	1083	39	37	0	150	0	39	25
040132168502	No	2088	1687	369	211	0	0	0	57	133
040132168503	No	1679	1193	402	18	0	46	0	261	161
040132168511	No	698	614	7	0	0	34	0	0	50
040132168512	No	1634	1410	36	0	37	22	0	26	139
040132168513	No	1238	1180	50	0	0	0	8	0	50
040132168514	No	710	690	11	0	0	20	0	0	0
040132168521	No	735	640	49	82	0	0	0	8	5
040132168522	No	809	756	81	0	0	27	0	0	26
040132168523	No	1387	993	133	113	0	151	30	67	33
040132168531	No	1248	1028	156	13	2	165	0	0	40
040132168532	No	1289	1049	190	0	119	34	0	35	52
040132168533	No	1886	1243	269	12	0	531	0	12	88
040132168534	No	978	721	252	63	0	151	0	0	43
040132168541	No	1537	1368	117	72	0	20	0	45	32
040132168542	No	2571	2213	295	22	37	102	0	167	30
040132168551	No	1601	1544	0	0	0	43	0	14	0
040132168552	No	2086	1498	183	0	0	398	0	0	190
040132168561	No	1236	1173	1	21	0	0	0	0	42
040132168562	No	1675	1604	0	0	0	15	0	0	56
040132168571	No	2241	2001	16	3	0	150	0	16	71
040132168572	No	1018	957	45	48	0	0	0	0	13
040132168573	No	1226	1115	75	41	0	70	0	0	0
040132168581	No	0	0	0	0	0	0	0	0	0
040132168591	No	2361	1659	482	0	0	165	0	104	433
040132168592	No	2075	1850	75	14	0	26	0	28	157

**TABLE 15: MINORITY POPULATION BY CENSUS BLOCK GROUPS
(2022 ACS)**

GEO ID	Minority Above Average %?	Total Population	White	Hispanic or Latino	Black	American Indian	Asian	Native Hawaiian	Other	TwoRaces
040132168593	No	2422	1610	267	0	0	701	0	20	91
040132168601	No	1537	1114	110	74	0	229	0	0	120
040132168602	No	927	707	88	16	0	114	0	0	90
040132168611	No	1250	1099	69	46	0	70	0	0	35
040132168612	No	1281	1028	90	11	0	71	0	26	145
040132168613	No	1528	1364	87	0	0	38	0	5	121
040132169011	No	850	730	56	44	25	9	0	9	33
040132169012	No	2355	1947	110	0	220	97	0	7	84
040132169013	No	222	222	12	0	0	0	0	0	0
040132169021	No	1819	1524	247	77	51	9	0	13	145
040132169022	No	1796	1605	131	34	9	3	0	36	109
040132170011	No	829	815	0	0	0	14	0	0	0
040132170012	No	646	602	51	0	0	0	0	0	44
040132170013	No	767	696	11	0	0	24	18	14	15
040132170014	No	423	384	39	0	0	0	0	19	20
040132170015	No	585	508	23	1	0	0	0	0	76
040132170016	No	969	498	154	53	0	264	0	154	0
040132170021	No	1316	1028	72	71	3	58	49	40	67
040132170022	No	1749	1349	243	22	0	91	15	0	272
040132170023	No	724	640	42	0	0	42	0	22	20
040132170024	No	908	850	137	0	0	24	0	0	34
040132171011	No	878	790	10	0	0	10	0	47	31
040132171012	No	804	577	176	43	9	0	0	13	162
040132171013	No	668	425	156	9	0	22	0	0	212
040132171021	No	1334	1226	162	0	0	8	0	23	77
040132171022	No	1508	1237	229	40	11	9	0	35	176
040132172011	No	584	534	18	17	0	18	0	5	10
040132172012	No	1543	1404	52	17	0	61	0	24	37
040132172031	No	1505	1187	228	0	56	64	0	0	198
040132172032	No	564	516	155	0	0	10	0	12	26
040132172033	No	823	730	77	27	0	6	29	0	31
040132172034	No	1083	876	151	14	68	54	0	0	71
040132172041	No	824	592	196	13	53	26	0	88	52
040132172042	No	1486	1200	402	44	0	0	0	43	199
040132172043	No	715	668	41	10	0	0	0	0	37
040132173001	No	1132	1080	0	0	0	21	17	0	14
040132173002	No	770	732	38	0	0	0	0	0	38
040132173003	No	1089	918	145	0	0	14	50	20	87
040132173004	No	1859	1529	186	0	0	179	0	28	123
040132174001	No	665	644	37	0	0	11	0	0	10
040132174002	No	631	546	75	0	9	0	0	65	11
040132174003	No	703	668	22	0	31	0	0	0	4
040132174004	No	1435	1145	152	10	0	78	0	35	167
040132175011	No	949	745	162	27	0	0	0	37	140
040132175012	Yes	983	395	513	25	0	11	0	103	449
040132175013	Yes	1359	574	855	17	10	37	0	494	227
040132175021	No	878	735	96	79	14	24	0	0	26
040132175022	No	1392	1012	106	42	0	15	28	68	227
040132175023	No	1488	1203	220	0	10	68	0	60	147
040132176001	No	1722	1489	90	0	0	99	0	9	125
040132176002	No	1720	1306	323	0	0	117	0	220	77
040132176003	No	1938	1739	767	27	1	142	0	0	29
040132177001	No	1635	1190	357	21	0	10	0	0	414
040132177002	No	1551	1368	277	0	0	0	0	0	183
040132177003	No	1078	985	43	10	0	40	0	43	0
040132178001	No	984	790	353	0	0	69	19	74	32
040132178002	No	1764	1261	287	84	2	95	0	35	287
040132178003	No	1943	1686	173	0	91	13	0	9	144
040132178004	No	1220	1060	70	23	0	71	0	0	66
040132179001	No	2048	1690	167	44	0	101	4	24	185
040132179002	No	867	702	102	0	0	17	0	0	148
040132179003	No	1012	753	145	23	1	70	0	57	108

**TABLE 15: MINORITY POPULATION BY CENSUS BLOCK GROUPS
(2022 ACS)**

GEO ID	Minority Above Average %?	Total Population	White	Hispanic or Latino	Black	American Indian	Asian	Native Hawaiian	Other	TwoRaces
040132180001	No	1144	895	110	9	130	0	0	110	0
040132180002	No	889	706	294	0	43	0	0	17	123
040132180003	No	1312	1184	95	20	65	39	0	0	4
040132180004	No	2105	1204	444	276	65	101	0	72	387
040132181001	No	1177	960	217	0	0	27	10	13	167
040132181002	No	1006	727	230	16	0	33	0	65	165
040132182001	No	1727	1520	476	97	0	42	0	0	68
040132182002	No	968	867	190	0	0	17	0	0	84
040132182003	Yes	1575	1163	757	102	39	0	0	0	271
040132182004	No	3320	1929	548	257	271	343	0	43	477
040132183001	No	2136	1820	173	0	21	136	0	0	159
040132183002	No	1363	1156	179	38	11	0	0	71	87
040132183003	No	1108	999	222	30	0	0	0	0	79
040133184001	Yes	1907	1032	915	189	96	35	71	161	323
040133184002	Yes	397	183	69	0	0	86	0	19	109
040133184003	Yes	1305	425	805	0	110	0	0	72	698
040133184004	Yes	1178	662	590	0	41	0	0	250	225
040133184005	No	887	641	0	176	0	0	0	0	70
040133184006	No	131	111	0	0	0	20	0	0	0
040133185011	No	1711	1075	381	11	0	240	0	243	142
040133185012	No	1063	776	264	151	35	0	0	54	47
040133185013	No	595	555	29	0	0	6	0	0	34
040133187001	No	3235	2112	801	323	278	196	0	196	130
040133187002	No	1800	1249	189	64	9	407	8	9	54
040133188001	No	1655	1066	204	252	60	162	0	42	73
040133188002	No	1445	905	273	153	140	48	0	40	159
040133188003	Yes	2196	829	168	632	55	184	0	10	486
040133188004	Yes	2444	1405	748	82	0	301	113	295	248
040133189001	No	2653	1673	692	133	42	435	0	23	347
040133189002	No	1391	1104	192	60	14	42	65	2	104
040133189003	No	1438	1078	188	0	4	59	0	0	297
040133189004	No	1034	739	119	103	28	11	0	26	127
040133190011	No	3308	2430	639	159	41	279	0	317	82
040133190021	No	3183	2310	584	55	30	294	0	360	134
040133190022	No	1879	1507	326	131	0	64	0	33	144
040133191011	Yes	1369	591	462	250	2	209	0	282	35
040133191012	No	1677	980	234	18	24	468	0	116	71
040133191013	No	367	291	144	22	0	15	0	0	39
040133191031	Yes	2278	989	386	100	16	1076	0	30	67
040133191032	No	1149	835	297	17	10	0	0	287	0
040133191033	Yes	1488	666	385	102	63	325	0	242	90
040133191041	No	2062	1220	112	12	5	621	0	62	142
040133191042	Yes	3644	1360	1208	303	197	726	0	288	770
040133191043	Yes	1192	614	776	0	0	0	0	305	273
040133191044	Yes	542	130	76	0	123	248	0	0	41
040133192011	Yes	1507	897	864	0	82	90	0	383	55
040133192012	Yes	1695	513	854	40	0	334	0	343	465
040133192013	Yes	1653	538	506	609	10	36	0	257	203
040133192014	Yes	2238	1108	432	43	279	339	0	349	120
040133192021	Yes	1795	906	387	149	18	326	0	42	354
040133192022	Yes	2142	1011	447	47	233	203	0	95	553
040133193001	Yes	1402	1024	678	61	0	3	0	141	173
040133193002	No	969	652	258	0	2	208	0	52	55
040133194011	No	600	544	145	12	0	0	0	24	20
040133194012	No	1659	1334	155	83	0	79	0	91	72
040133194013	Yes	1797	677	367	846	0	42	0	0	232
040133194014	No	1625	966	180	257	0	80	0	147	175
040133194015	No	799	573	156	54	33	84	0	0	55
040133194021	No	1921	1449	324	90	0	218	0	42	122
040133194022	No	2130	1740	416	89	0	83	0	78	140
040133194031	Yes	1268	397	469	23	81	83	0	252	432
040133194032	No	1468	1237	126	17	0	109	0	19	86

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(2022 ACS)**

GEO ID	Minority Above Average %?	Total Population	White	Hispanic or Latino	Black	American Indian	Asian	Native Hawaiian	Other	Two Races
040133194033	No	773	581	68	35	54	84	0	19	0
040133194034	No	1212	846	335	18	42	0	0	46	260
040133194041	No	1457	1113	209	39	21	71	0	41	172
040133194042	No	1911	1580	260	12	8	74	0	121	116
040133195001	No	2045	1674	153	53	25	100	0	81	112
040133195002	No	1303	1020	204	53	19	19	39	0	153
040133195003	Yes	783	578	330	0	0	122	0	83	0
040133195004	Yes	2125	1333	615	154	56	64	39	47	432
040133196001	No	1064	844	155	0	98	60	0	16	46
040133196002	No	1373	988	270	136	0	30	0	111	108
040133196003	No	1239	954	398	0	13	43	0	23	206
040133196004	No	1968	1387	470	142	0	180	0	107	152
040133197051	Yes	1942	1021	484	357	201	75	0	169	119
040133197052	No	580	383	163	3	11	20	27	43	93
040133197053	Yes	1393	560	758	0	16	5	0	311	501
040133197061	Yes	1055	562	891	27	23	13	0	357	73
040133197062	Yes	1079	696	347	7	44	267	0	20	45
040133197063	Yes	3051	1497	1138	420	31	69	130	504	400
040133197071	No	0	0	0	0	0	0	0	0	0
040133197081	No	1011	752	205	101	18	30	19	72	19
040133197082	No	1202	965	184	75	7	0	0	20	135
040133197083	Yes	1674	979	643	288	0	25	53	45	284
040133197091	No	0	0	0	0	0	0	0	0	0
040133197101	Yes	2337	1210	679	119	167	126	28	254	433
040133198011	Yes	1415	661	792	151	323	39	0	22	219
040133198012	Yes	512	231	257	0	0	18	0	257	6
040133198013	No	1152	657	210	119	103	174	0	0	99
040133198021	No	765	636	177	42	10	0	0	35	42
040133198022	Yes	2110	733	598	845	0	85	0	304	143
040133198023	No	707	513	81	0	0	91	0	24	79
040133199021	No	1560	1120	323	3	0	240	0	40	157
040133199022	Yes	1141	654	289	223	0	17	0	88	159
040133199031	No	1917	1463	475	0	0	141	0	143	170
040133199032	No	1129	777	87	112	0	163	0	8	69
040133199033	No	812	564	249	56	0	0	0	58	134
040133199034	No	1354	1281	31	0	19	38	0	0	16
040133199041	No	2335	1682	524	71	6	32	24	138	382
040133199042	No	1065	784	183	65	4	28	0	121	63
040133199043	No	1658	1208	231	18	32	128	0	79	193
040133199051	No	1422	1322	104	0	0	6	0	35	59
040133199052	No	833	649	259	22	0	32	0	38	92
040133199053	Yes	1090	747	425	0	0	0	0	175	168
040133199054	No	1130	953	123	0	0	81	0	0	96
040133199061	No	2069	1462	230	222	209	31	0	21	124
040133199062	No	1014	713	128	9	0	191	0	31	70
040133199071	No	884	777	116	26	0	0	20	11	50
040133199072	No	1541	1036	356	36	53	65	7	104	240
040133199081	Yes	2424	1208	968	312	19	146	0	251	488
040133199091	No	2454	2035	386	21	8	34	0	132	224
040133199101	No	1728	1324	106	35	9	315	0	0	45
040133199102	No	660	371	106	51	0	157	0	22	59
040133199103	No	2292	1673	361	30	0	258	0	126	205
040133200011	Yes	2338	1022	618	299	67	420	13	185	332
040133200012	Yes	1559	272	352	225	0	698	17	0	347
040133200013	Yes	1599	676	848	327	261	41	0	100	194
040133200014	Yes	2388	575	712	126	78	602	230	177	600
040133200015	Yes	1157	249	398	336	105	40	0	236	191
040133200021	Yes	1502	724	1356	16	57	57	0	388	260
040133200022	Yes	1499	414	1321	0	596	0	0	284	205
040133200023	Yes	1136	222	492	0	703	0	11	113	87
040133200024	Yes	1198	361	874	44	430	0	0	160	203
040133200071	No	366	191	60	0	0	61	0	11	103

**TABLE 15: MINORITY POPULATION BY CENSUS BLOCK GROUPS
(2022 ACS)**

GEO ID	Minority Above Average %?	Total Population	White	Hispanic or Latino	Black	American Indian	Asian	Native Hawaiian	Other	TwoRaces
040133200072	Yes	1830	550	441	349	0	357	72	179	323
040133200073	Yes	2445	1613	928	411	10	108	0	150	153
040133200074	No	1677	1201	162	105	187	58	0	55	71
040133201001	No	1699	1112	289	10	109	172	0	60	236
040133201002	No	2184	1374	447	220	0	104	0	73	413
040134201041	No	2927	2605	135	6	3	16	0	49	248
040134201042	No	416	377	39	0	0	0	0	16	23
040134201043	No	1744	1694	0	0	0	39	0	0	11
040134201051	No	1672	1573	164	0	0	23	0	4	72
040134201052	No	1466	1168	172	0	0	61	0	35	202
040134201053	No	1840	1755	363	20	0	0	0	0	65
040134201054	No	1210	1151	27	13	29	0	0	0	17
040134201071	No	2177	1659	122	45	0	432	0	0	41
040134201072	No	2427	2328	330	8	0	66	0	6	19
040134201073	No	2539	2405	89	0	0	31	0	15	88
040134201081	No	1748	1532	172	5	8	40	0	14	149
040134201091	No	2349	2100	121	0	0	101	0	39	109
040134201092	No	649	612	53	0	0	0	0	29	8
040134201093	No	2436	2068	315	97	0	111	0	8	152
040134201101	No	2876	2582	168	72	54	48	30	0	90
040134201102	No	2348	1864	397	0	13	60	0	42	369
040134201111	No	1414	1229	255	0	0	19	0	10	156
040134201112	No	854	854	172	0	0	0	0	0	0
040134201113	Yes	1836	1297	944	0	0	0	0	328	211
040134201121	No	1209	1051	180	0	0	0	0	63	95
040134201122	No	2059	1797	233	16	0	54	0	57	135
040134201131	No	1509	1333	215	45	10	0	0	46	75
040134201132	No	1989	1480	740	271	0	0	0	0	238
040134201141	Yes	1511	875	655	7	15	26	0	273	315
040134201142	No	1439	1333	488	0	25	0	0	51	30
040134201143	No	227	189	38	0	0	0	0	38	0
040134201144	No	457	385	105	0	0	0	0	72	0
040134201151	No	774	608	198	32	7	40	0	68	19
040134201152	No	991	784	240	100	10	9	0	69	19
040134201153	No	793	773	26	0	0	0	0	0	20
040134201161	No	953	930	37	0	0	0	0	19	4
040134201162	No	1084	847	152	0	24	46	0	162	5
040134201163	No	1219	1098	162	26	0	0	0	32	63
040134202021	No	1432	1313	118	72	2	19	0	0	26
040134202022	No	1920	1487	320	136	0	18	0	0	279
040134202023	No	1778	1366	300	0	207	13	0	0	192
040134202061	No	2062	1692	323	32	0	56	0	131	151
040134202062	No	196	188	0	8	0	0	0	0	0
040134202063	No	1597	1481	96	0	1	0	0	7	108
040134202071	No	1516	1442	63	21	0	41	0	12	0
040134202072	No	1250	1092	127	0	0	23	0	0	135
040134202081	No	1326	926	382	0	0	61	0	23	316
040134202082	No	2702	2319	503	111	2	64	0	12	194
040134202083	No	1807	1209	321	222	6	11	0	51	308
040134202091	No	2081	1797	274	80	0	0	0	0	204
040134202092	No	1357	1271	94	28	0	20	0	0	38
040134202093	No	800	685	99	42	0	0	0	0	73
040134202101	No	1072	1027	50	0	8	0	0	14	23
040134202102	No	1272	1145	101	0	0	5	0	96	26
040134202103	No	1579	1268	260	7	0	0	0	53	251
040134202104	Yes	1499	759	273	80	62	184	188	8	218
040134202111	No	2220	1936	283	74	11	43	0	34	122
040134202112	No	2032	1581	298	1	50	180	0	47	173
040134202121	No	1710	1100	445	52	0	67	0	370	121
040134202122	No	1222	1080	61	15	0	28	0	14	85
040134202131	No	1825	1753	53	0	0	24	6	7	35
040134202141	No	1083	767	65	19	1	198	0	0	98

**TABLE 15: MINORITY POPULATION BY CENSUS BLOCK GROUPS
(2022 ACS)**

GEO ID	Minority Above Average %?	Total Population	White	Hispanic or Latino	Black	American Indian	Asian	Native Hawaiian	Other	TwoRaces
040134202142	No	1073	780	201	171	0	0	0	79	43
040134202143	No	997	774	257	34	0	0	0	0	189
040134202144	Yes	1228	743	405	0	0	0	0	142	343
040134202151	No	3494	2498	901	112	15	83	0	195	591
040134202161	No	1728	1564	217	19	0	16	0	0	129
040134202162	No	966	742	238	54	0	0	0	0	170
040134202163	No	1203	1111	86	13	29	0	0	12	38
040134203011	No	1957	1619	161	0	1	216	0	7	114
040134203021	No	1443	1291	29	0	88	53	0	0	11
040134203022	No	1399	918	303	36	136	44	0	56	209
040134203023	No	1995	1845	120	11	0	22	44	54	19
040134203031	No	3150	2108	912	0	0	36	0	298	708
040134203032	No	1390	1211	205	0	4	24	0	64	87
040134203041	No	942	846	30	3	0	34	0	0	59
040134204011	Yes	1163	766	540	64	34	0	0	238	61
040134204012	Yes	1980	1168	890	113	143	43	0	68	445
040134204013	Yes	1220	558	739	22	74	0	0	540	26
040134204021	No	967	942	251	0	1	10	0	14	0
040134204022	No	1804	1478	61	87	62	59	0	0	118
040134204023	No	507	507	28	0	0	0	0	0	0
040134204024	No	1564	1218	126	8	0	36	0	0	302
040134205031	Yes	1593	397	909	251	200	23	0	9	713
040134205032	Yes	1914	1281	703	293	46	27	0	221	46
040134205041	No	1196	919	323	124	51	0	28	56	18
040134205042	No	2568	1843	719	10	16	333	0	63	303
040134205051	Yes	1644	705	821	37	208	0	0	60	634
040134205052	Yes	1544	1092	798	1	249	0	0	102	100
040134205061	Yes	892	481	277	77	8	22	0	113	191
040134205062	Yes	2538	1170	777	566	34	245	0	389	134
040134206021	No	2072	1686	798	0	0	0	0	20	366
040134206022	No	1538	1338	254	18	11	0	0	112	59
040134206023	No	1182	844	185	118	17	24	20	55	104
040134206031	No	2902	2013	138	438	55	0	0	0	396
040134206032	No	1126	756	76	0	253	0	0	19	98
040134206041	No	2543	2294	185	40	79	25	0	38	67
040134206042	No	2415	2035	463	2	43	18	0	53	264
040134207041	No	2601	2193	493	158	12	0	0	68	170
040134207042	No	1842	1564	297	69	0	43	0	63	103
040134207043	No	1303	1031	156	13	14	0	0	87	158
040134207051	No	907	752	175	0	0	52	0	56	47
040134207052	No	2705	2429	94	0	0	168	0	38	70
040134207061	No	2100	1502	396	19	0	31	43	200	305
040134207062	No	1527	1158	301	0	0	58	0	192	119
040134207063	No	1419	1131	177	57	0	45	0	0	186
040134207071	No	958	948	0	0	0	0	0	0	10
040134207072	Yes	1253	868	455	67	0	0	0	52	266
040134207081	No	1272	1272	0	0	0	0	0	0	0
040134207082	No	322	322	0	0	0	0	0	0	0
040134207083	No	1923	1572	327	98	15	0	0	32	206
040134207091	No	1922	1419	410	204	40	15	0	52	192
040134207092	No	794	787	10	0	0	7	0	0	0
040134207093	No	705	628	32	10	0	0	0	21	46
040134207101	No	590	509	66	6	17	17	0	5	36
040134207102	Yes	1393	938	451	118	26	21	0	247	43
040134207103	No	1428	1103	590	60	48	11	0	8	198
040134208001	No	1765	1322	463	97	0	0	0	206	140
040134208002	No	665	498	187	67	0	0	0	36	64
040134208003	Yes	1289	621	476	76	151	100	0	29	312
040134208004	No	1759	1619	124	37	13	0	0	0	90
040134209011	Yes	1791	1183	591	225	39	32	96	9	207
040134209012	Yes	1482	888	409	149	167	17	0	81	180
040134209021	No	2002	1615	464	6	20	6	0	111	244

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(2022 ACS)**

GEO ID	Minority Above Average %?	Total Population	White	Hispanic or Latino	Black	American Indian	Asian	Native Hawaiian	Other	TwoRaces
040134209022	No	2003	1758	586	43	14	0	23	123	42
040134210011	No	2197	1819	695	29	25	12	0	187	125
040134210012	Yes	1627	916	479	131	202	39	0	91	248
040134210021	Yes	897	356	539	129	7	10	0	190	205
040134210022	No	2508	2058	597	217	0	0	0	11	222
040134211011	Yes	1531	442	1041	56	32	13	0	352	636
040134211012	Yes	1676	1258	760	13	0	39	0	23	343
040134211013	Yes	1713	1018	642	0	49	41	0	408	197
040134211021	No	1247	936	231	8	8	0	0	199	96
040134211022	Yes	1371	781	350	129	140	0	0	250	71
040134211023	Yes	1104	461	538	50	44	0	0	48	501
040134211024	No	859	487	86	256	23	0	0	0	93
040134211025	No	1284	963	163	161	0	0	0	106	54
040134212011	No	1803	1320	347	152	11	117	41	137	25
040134212012	Yes	2855	1776	1013	150	119	0	111	307	392
040134212013	No	663	498	225	40	0	45	0	0	80
040134212021	No	1156	821	391	17	0	37	0	168	113
040134212022	Yes	1633	906	511	0	171	119	0	253	184
040134212023	Yes	787	470	222	1	62	20	0	146	88
040134213021	Yes	1564	1021	1012	39	44	30	0	85	345
040134213022	Yes	698	41	251	400	0	0	13	93	151
040134213023	Yes	382	27	17	94	0	0	0	17	244
040134213024	Yes	1606	723	427	536	0	147	19	82	99
040134213025	Yes	1559	963	798	133	5	100	0	163	195
040134213031	Yes	1936	1014	836	52	120	103	18	263	366
040134213032	Yes	1644	1014	671	40	48	23	0	155	364
040134213033	Yes	1652	727	771	131	58	47	53	533	103
040134213041	Yes	1277	617	198	227	91	65	0	100	177
040134213042	Yes	2822	1349	912	190	178	18	15	155	917
040134214001	No	544	401	114	0	11	91	0	16	25
040134214002	Yes	547	315	211	12	126	0	0	47	47
040134214003	No	635	584	120	45	2	0	2	0	2
040134214004	Yes	927	614	322	27	0	0	0	205	81
040134215011	Yes	1035	631	533	0	0	0	0	377	27
040134215012	Yes	1287	823	703	30	0	0	0	327	107
040134215013	Yes	2124	1301	1119	165	108	0	0	290	260
040134215021	Yes	1755	1017	925	54	0	0	0	305	379
040134215022	Yes	1551	933	902	74	50	142	0	114	238
040134216011	Yes	1917	1152	895	138	40	42	0	265	280
040134216012	Yes	1160	779	515	2	0	0	0	94	285
040134216021	Yes	2094	1178	1441	38	130	14	0	400	334
040134216022	Yes	1319	985	608	0	0	0	0	8	326
040134216023	Yes	1032	421	731	124	24	48	0	41	374
040134217011	Yes	2880	1346	476	536	174	0	0	55	769
040134217012	No	2103	1668	318	117	0	49	0	13	256
040134217013	Yes	869	562	625	14	0	0	0	0	293
040134217021	No	774	645	102	22	0	0	0	84	23
040134217022	Yes	2335	2045	1504	0	15	0	0	54	221
040134217023	No	833	622	195	56	7	0	0	13	135
040134218011	Yes	1187	555	851	7	6	19	0	459	141
040134218012	Yes	1893	1230	1072	76	1	15	0	403	168
040134218021	Yes	1184	281	757	260	19	0	0	293	331
040134218022	Yes	2368	1263	1135	69	152	27	0	316	541
040134218023	Yes	1049	698	589	0	0	0	0	218	133
040134219011	Yes	2352	1633	1220	45	27	22	10	385	230
040134219012	Yes	2079	1042	1151	129	8	13	0	351	536
040134219021	Yes	784	496	447	39	0	0	0	21	228
040134219022	Yes	1789	930	1419	23	149	0	0	399	288
040134219023	Yes	1992	954	1468	33	17	0	0	460	528
040134219024	Yes	2134	954	1895	54	26	0	0	315	785
040134220011	Yes	2524	951	2127	63	30	3	0	594	883
040134220012	Yes	2082	1514	1613	132	0	0	0	345	91

**TABLE 15: MINORITY POPULATION BY CENSUS BLOCK GROUPS
(2022 ACS)**

GEO ID	Minority Above Average %?	Total Population	White	Hispanic or Latino	Black	American Indian	Asian	Native Hawaiian	Other	TwoRaces
040134220021	Yes	1953	1535	1301	0	13	0	0	345	60
040134220022	Yes	998	707	838	0	0	0	0	0	291
040134220023	Yes	1336	861	889	61	8	25	0	182	199
040134221021	Yes	1165	400	801	34	0	0	0	673	58
040134221022	Yes	2268	1609	1599	9	32	16	0	419	183
040134221023	No	1115	756	337	31	3	46	0	89	190
040134221031	Yes	2279	1019	659	533	160	28	35	205	299
040134221032	No	1351	902	316	152	38	0	0	123	136
040134221033	Yes	1707	1002	865	22	134	0	0	417	132
040134221041	Yes	984	266	331	122	207	58	0	276	55
040134221042	Yes	1923	1232	865	416	0	0	0	184	91
040134221043	Yes	793	552	364	0	0	0	0	166	75
040134221044	No	540	539	91	0	1	0	0	0	0
040134221045	No	1417	1011	490	132	0	68	15	0	191
040134221051	Yes	1681	1104	1144	133	0	23	0	234	187
040134221052	Yes	1504	1022	532	119	69	39	0	138	117
040134221061	Yes	3739	1584	1115	1017	326	125	10	364	313
040134221062	Yes	1367	688	599	98	79	11	0	124	367
040134221063	Yes	1738	1082	992	305	190	0	19	96	46
040134221071	Yes	2597	1565	877	206	333	33	17	196	247
040134221072	Yes	2235	1235	1354	327	126	0	18	376	153
040134222031	Yes	2877	1910	1009	239	95	127	0	324	182
040134222032	Yes	562	285	238	39	0	0	0	137	101
040134222033	Yes	2287	1400	679	223	76	41	0	192	355
040134222091	Yes	1860	1121	542	38	2	21	0	0	678
040134222092	Yes	1810	1095	480	151	61	36	0	178	289
040134222093	No	529	481	125	0	0	0	0	28	20
040134222094	Yes	1114	598	296	222	40	25	0	0	229
040134222095	Yes	2284	1126	917	633	0	75	0	268	182
040134222101	No	2063	1768	244	61	56	52	0	37	89
040134222102	No	1611	1249	511	10	7	37	0	8	300
040134222103	No	2180	1412	613	0	0	138	0	295	335
040134222111	No	1276	1132	178	0	0	33	0	0	111
040134222112	No	1351	1135	161	0	0	79	0	40	97
040134222121	No	1402	1195	215	8	34	95	0	25	45
040134222122	No	1890	1439	290	23	79	92	0	50	207
040134222123	No	797	659	50	16	37	22	0	0	63
040134222131	Yes	1287	767	389	23	167	50	0	104	176
040134222132	No	1134	910	160	0	26	22	0	102	74
040134222151	Yes	2374	1223	698	387	131	109	0	227	297
040134222161	No	989	768	180	1	0	42	0	120	58
040134222162	No	708	507	134	19	16	0	0	23	143
040134222163	No	1459	977	290	205	97	119	0	12	49
040134222164	Yes	2685	1471	907	135	211	33	0	15	820
040134222171	No	1945	1391	691	129	15	39	0	161	210
040134222172	No	1470	949	364	16	161	27	0	53	264
040134222181	Yes	1242	652	256	71	40	156	0	87	236
040134222182	No	1908	1590	469	65	0	32	0	95	126
040134222191	Yes	1123	537	248	0	306	112	0	76	92
040134222192	No	944	755	97	0	13	141	0	19	16
040134222193	No	1329	1176	171	71	0	27	0	0	55
040134222201	No	1003	853	31	23	5	70	0	21	31
040134222202	No	1036	913	150	17	0	67	0	17	22
040134222211	No	1291	1039	217	13	19	25	0	19	176
040134222212	No	825	618	278	0	13	16	0	68	110
040134222213	Yes	2023	1185	511	104	13	48	3	27	643
040134222221	Yes	1036	647	318	20	23	64	0	76	206
040134222222	No	1114	724	250	31	90	71	0	0	198
040134222231	Yes	1923	1147	515	200	14	126	58	98	280
040134222232	No	1082	734	234	87	32	12	0	53	164
040134222241	No	0	0	0	0	0	0	0	0	0
040134222251	No	0	0	0	0	0	0	0	0	0

**TABLE 15: MINORITY POPULATION BY CENSUS BLOCK GROUPS
(2022 ACS)**

GEO ID	Minority Above Average %?	Total Population	White	Hispanic or Latino	Black	American Indian	Asian	Native Hawaiian	Other	TwoRaces
040134222261	No	0	0	0	0	0	0	0	0	0
040134222271	No	1522	1196	371	25	1	15	0	107	178
040134223011	Yes	93	24	75	0	0	3	0	25	41
040134223012	No	1028	574	212	10	71	92	0	128	153
040134223013	Yes	1602	607	1242	194	13	0	0	247	541
040134223014	Yes	2045	1235	1287	0	14	0	0	20	776
040134223015	Yes	1203	697	842	22	0	0	41	134	309
040134223021	Yes	2863	1549	800	219	103	170	0	179	643
040134223022	No	1436	1120	350	53	47	17	0	120	79
040134223023	No	1368	975	446	0	0	64	0	137	192
040134223041	No	1446	956	178	149	13	46	0	30	252
040134223042	Yes	1468	941	529	38	196	30	0	83	180
040134223051	No	633	512	38	0	0	18	0	0	103
040134223052	No	2429	1386	450	336	29	204	0	0	474
040134223053	No	1804	1580	281	36	0	139	0	0	49
040134223054	No	1507	1376	77	0	0	17	0	0	114
040134223071	No	1031	900	84	0	0	3	0	60	68
040134223072	No	525	353	27	0	0	137	0	35	0
040134223073	No	1215	859	228	78	25	106	0	9	138
040134223074	Yes	1594	737	726	161	46	90	0	144	416
040134223081	Yes	2081	909	954	303	55	0	6	54	754
040134223082	No	1348	1085	210	0	0	165	0	0	98
040134223083	No	1862	1429	301	14	0	173	0	54	192
040134223091	No	1259	1054	104	0	0	135	0	0	70
040134223092	No	2624	1680	281	0	0	818	0	16	110
040134223093	No	1257	704	166	314	0	120	0	0	119
040134224011	No	2636	1941	797	85	67	14	0	70	459
040134224012	Yes	570	347	246	148	0	0	0	0	75
040134224013	Yes	885	465	322	48	0	46	0	270	56
040134224021	No	2589	1880	645	147	38	21	0	319	184
040134224022	No	1012	941	75	10	0	19	0	0	42
040134224023	No	1691	1519	925	0	10	0	0	89	73
040134224031	No	1581	1211	224	0	0	188	0	80	102
040134224032	No	2113	1324	532	157	141	148	0	241	102
040134224033	No	1039	859	208	0	0	0	0	79	101
040134224041	No	1861	1442	331	87	25	87	0	15	205
040134224042	No	2694	2156	455	39	18	206	0	60	215
040134225011	No	2110	1648	360	136	7	12	0	208	99
040134225012	No	1947	1751	449	79	32	14	9	0	62
040134225013	No	655	619	11	0	0	25	0	11	0
040134225014	No	1656	1202	618	15	31	9	0	166	233
040134225021	No	1777	1410	478	23	0	28	0	183	133
040134225022	Yes	598	388	210	0	0	0	0	23	187
040134225023	No	2634	1936	772	248	0	0	0	212	238
040134225024	No	1204	865	202	80	98	12	0	46	103
040134225031	No	1821	1445	409	22	0	0	0	278	76
040134225032	No	1742	1422	746	61	0	0	0	166	93
040134225033	Yes	2283	1631	1012	0	46	0	0	156	450
040134225034	No	918	849	65	23	0	18	0	0	28
040134225041	No	1997	1558	566	54	0	2	0	165	218
040134225042	No	1553	1151	341	0	216	11	0	31	144
040134225043	No	1600	1036	290	100	196	0	0	73	195
040134225061	No	2564	2026	764	33	8	106	0	157	234
040134225062	No	1221	867	112	239	0	85	0	30	0
040134225063	No	479	379	104	0	0	0	0	0	100
040134225064	No	1049	814	193	32	0	34	0	18	151
040134225071	No	1875	1413	403	71	72	36	0	77	206
040134225072	No	1448	1108	176	10	30	19	0	42	239
040134225073	No	824	667	83	60	0	14	0	0	83
040134225081	No	1800	1544	159	0	0	128	12	0	116
040134225082	No	1936	1660	265	64	49	60	0	75	28
040134225091	No	2547	1798	463	30	0	260	0	94	365

**TABLE 15: MINORITY POPULATION BY CENSUS BLOCK GROUPS
(2022 ACS)**

GEO ID	Minority Above Average %?	Total Population	White	Hispanic or Latino	Black	American Indian	Asian	Native Hawaiian	Other	TwoRaces
040134225092	No	826	797	224	0	14	0	0	0	15
040134225093	No	1713	1353	306	0	0	56	0	133	171
040134225101	No	905	766	70	0	0	59	0	66	14
040134225102	No	771	736	0	0	0	35	0	0	0
040134225103	No	1295	1110	395	79	0	33	0	11	62
040134225111	No	1584	1324	387	8	0	87	0	148	17
040134225112	No	1296	1055	242	14	0	63	0	40	124
040134225121	No	2378	2146	93	0	0	86	0	40	106
040134225122	No	848	607	199	13	56	19	0	104	49
040134225123	No	2304	1298	178	680	9	38	0	68	211
040134225131	No	787	752	26	25	0	0	0	10	0
040134225132	No	1923	1483	415	3	39	9	0	40	349
040134225133	No	2181	1570	548	90	2	0	0	1	518
040134225141	No	2008	1512	782	28	0	75	0	46	347
040134225142	No	2710	1831	715	137	17	123	9	206	387
040134226071	No	1728	1434	279	11	223	0	0	29	31
040134226072	No	1080	857	0	157	39	0	0	0	27
040134226073	No	954	858	27	84	0	0	0	0	12
040134226091	No	2969	2134	467	97	109	320	22	43	244
040134226092	No	1521	1154	463	15	0	13	0	35	304
040134226101	No	1031	1012	27	0	0	0	0	0	19
040134226102	No	2033	1912	126	2	0	0	0	17	102
040134226151	No	1812	1453	439	42	94	73	0	46	104
040134226152	Yes	3611	2207	1510	11	67	13	19	1127	167
040134226153	No	1044	831	99	15	0	71	0	75	52
040134226154	Yes	472	266	115	82	44	11	0	14	55
040134226171	No	1753	1471	541	0	0	0	0	45	237
040134226172	No	1620	1393	62	0	0	86	0	0	141
040134226173	No	930	609	169	31	37	0	15	162	76
040134226174	No	1271	1048	193	0	0	46	0	49	128
040134226181	No	1371	1361	10	0	0	0	0	0	10
040134226182	No	1693	1625	46	10	0	46	0	0	12
040134226201	No	1679	1400	249	0	35	96	0	30	118
040134226202	No	1670	1495	308	5	0	18	0	9	143
040134226211	No	1404	907	215	31	0	50	0	9	407
040134226212	No	1723	1196	348	12	128	8	0	308	71
040134226213	No	1192	929	256	13	0	36	0	74	140
040134226221	No	1795	1464	391	38	21	81	0	21	170
040134226222	No	2075	1635	355	106	25	45	0	65	199
040134226223	No	502	480	0	0	0	0	8	0	14
040134226231	No	3767	3207	493	0	0	325	0	81	154
040134226232	No	2393	1732	700	0	0	88	0	10	563
040134226233	No	2430	1629	394	301	12	81	0	160	247
040134226241	No	1391	1279	72	0	0	26	0	36	50
040134226242	No	1275	1184	52	10	12	0	0	0	69
040134226251	No	2363	2029	689	71	53	10	0	174	26
040134226252	No	1641	1504	170	58	0	0	0	2	77
040134226253	Yes	1156	446	888	0	19	0	0	118	573
040134226261	No	1741	1639	57	19	9	0	0	21	53
040134226262	No	755	702	0	0	0	32	0	0	21
040134226271	No	1285	946	366	94	0	0	0	38	207
040134226272	No	876	624	160	26	0	0	0	150	76
040134226273	No	1326	980	369	0	0	0	0	282	64
040134226281	No	381	340	36	0	0	25	0	0	16
040134226282	No	1415	877	168	34	80	0	0	51	373
040134226283	No	1886	1143	231	451	25	0	0	82	185
040134226291	No	2078	1720	331	0	40	0	0	95	223
040134226292	No	1726	1167	465	92	0	33	0	181	253
040134226301	Yes	3737	2418	1392	29	0	84	0	326	880
040134226302	No	1293	1096	417	0	33	80	0	39	45
040134226321	No	1493	1211	286	0	19	10	0	11	242
040134226322	No	1472	1219	274	28	12	35	0	45	133

**TABLE 15: MINORITY POPULATION BY CENSUS BLOCK GROUPS
(2022 ACS)**

GEO ID	Minority Above Average %?	Total Population	White	Hispanic or Latino	Black	American Indian	Asian	Native Hawaiian	Other	TwoRaces
040134226323	Yes	881	595	293	0	5	37	0	0	244
040134226331	No	300	167	51	24	0	50	0	0	59
040134226332	No	2648	1650	619	94	0	228	0	391	285
040134226341	No	2910	2248	893	15	78	22	0	153	394
040134226342	Yes	2276	1639	996	39	0	12	0	354	232
040134226361	Yes	1762	1101	485	295	3	89	0	100	174
040134226362	No	747	529	266	15	0	0	0	171	32
040134226363	No	657	426	130	26	0	0	0	104	101
040134226371	No	1746	1556	251	0	5	0	0	53	132
040134226372	No	1662	1261	369	43	0	43	0	84	231
040134226381	No	2616	1901	738	99	42	69	0	364	141
040134226382	No	1380	992	147	183	0	33	0	17	155
040134226391	No	2195	2182	17	0	13	0	0	0	0
040134226392	No	1108	1108	0	0	0	0	0	0	0
040134226393	No	276	276	0	0	0	0	0	0	0
040134226401	No	982	762	282	0	1	36	0	9	174
040134226402	No	979	880	253	15	20	0	0	0	64
040134226403	No	1100	1045	60	0	0	0	0	0	55
040134226404	No	1739	1165	181	298	0	15	0	14	247
040134226421	No	2381	1921	552	11	42	10	0	248	149
040134226422	No	1033	965	272	34	0	0	0	0	34
040134226423	No	2109	1878	61	73	0	0	0	0	158
040134226431	No	1604	1369	254	26	0	24	0	34	151
040134226432	No	1742	1232	400	132	7	61	0	0	310
040134226433	No	1847	1274	508	20	0	36	0	65	452
040134226434	No	751	611	131	0	0	0	0	140	0
040134226471	No	4731	2607	788	355	39	478	0	54	1198
040134226472	No	3345	2494	533	284	0	64	0	37	466
040134226481	No	1039	730	323	217	0	24	0	17	51
040134226482	No	3704	2602	458	235	0	314	0	39	514
040134226483	No	1466	1149	250	105	0	10	0	58	144
040134226491	No	1752	1504	280	32	0	29	0	10	177
040134226492	No	1477	1298	252	0	0	0	0	68	111
040134226493	No	3977	2644	850	298	0	128	0	80	827
040134226501	No	2633	2178	308	0	145	135	0	0	175
040134226511	No	1493	1305	135	26	0	42	0	27	93
040134226512	No	2418	1566	434	41	0	574	0	79	158
040134226513	No	802	645	51	0	0	45	12	6	94
040134226521	No	1456	1404	11	14	0	17	0	0	21
040134226522	No	975	944	112	0	0	0	0	0	31
040134226531	No	2316	2063	473	10	1	31	0	80	131
040134226532	No	2425	1855	940	0	4	17	0	364	185
040134226541	No	3146	2379	765	229	0	111	0	222	205
040134226542	No	1122	1096	113	0	0	0	0	0	26
040134226543	Yes	977	681	359	19	0	0	0	277	0
040134226551	No	1878	1538	349	39	0	0	0	73	228
040134226552	No	1424	1290	180	3	56	0	0	0	75
040134226561	No	2389	2071	223	0	0	90	0	12	216
040134226562	No	1288	1080	193	0	0	56	0	0	152
040134226563	No	1679	1405	159	107	0	0	0	61	106
040134226571	No	1570	1327	118	0	0	6	0	13	224
040134226572	No	807	724	104	0	35	0	0	0	48
040134226573	No	1230	903	425	52	54	13	0	0	208
040134226581	No	1692	876	113	197	0	298	28	7	286
040134226582	No	2107	1829	350	72	0	0	0	86	120
040134226591	No	1995	1466	556	0	12	13	0	376	128
040134226601	No	2945	2131	585	223	18	83	0	80	410
040134226602	No	2056	1561	285	277	25	35	0	13	145
040135228011	No	0	0	0	0	0	0	0	0	0
040135228021	No	716	570	67	19	15	73	0	31	8
040135229011	No	1497	1183	423	31	47	0	0	83	153
040135229012	No	2514	1610	634	246	71	167	0	142	278

**TABLE 15: MINORITY POPULATION BY CENSUS BLOCK GROUPS
(2022 ACS)**

GEO ID	Minority Above Average %?	Total Population	White	Hispanic or Latino	Black	American Indian	Asian	Native Hawaiian	Other	TwoRaces
040135229013	No	1122	643	217	0	65	252	0	49	113
040135229031	Yes	1799	911	1043	192	0	13	0	173	510
040135229032	Yes	1270	163	1160	0	52	0	0	325	730
040135229033	Yes	2107	1099	1497	256	138	0	0	286	328
040135229041	Yes	1122	660	849	45	29	40	0	169	179
040135229042	Yes	2206	984	697	320	0	312	0	286	304
040135229043	Yes	1727	1031	1460	22	0	0	0	273	401
040135230021	Yes	1570	1163	888	51	18	0	0	189	149
040135230022	Yes	1978	808	1065	307	0	144	0	431	288
040135230023	Yes	1018	706	428	0	11	84	0	70	147
040135230024	Yes	1177	632	690	0	0	37	0	329	179
040135230051	No	2341	1589	558	106	83	79	0	105	379
040135230052	No	1126	945	92	5	0	39	0	18	119
040135230053	No	1672	1397	421	17	20	49	0	95	94
040135230061	Yes	1080	803	430	60	99	0	0	20	98
040135230062	Yes	1490	762	288	0	2	309	0	56	361
040135230063	Yes	1551	686	757	0	122	212	0	184	347
040135230064	Yes	1782	782	464	195	0	290	0	13	502
040135230071	No	888	680	247	33	0	8	0	47	120
040135230072	No	1947	1129	405	44	0	352	0	111	311
040135230081	No	1431	1029	284	320	3	13	0	0	66
040135230082	No	1941	1669	644	48	0	108	0	36	80
040135231021	Yes	2160	1033	990	431	47	135	0	143	371
040135231022	No	461	291	18	74	11	41	0	0	44
040135231023	No	1701	1254	406	135	11	133	0	86	82
040135231024	Yes	1651	921	1000	378	11	17	0	38	286
040135231031	No	1803	947	87	590	12	82	0	33	139
040135231032	No	1026	520	141	35	36	177	0	127	131
040135231033	Yes	2448	850	645	84	561	313	17	376	247
040135231034	Yes	1305	866	482	44	3	0	0	22	370
040135231041	Yes	2737	1317	473	459	53	180	153	207	368
040135231042	Yes	1382	787	847	5	50	0	0	439	101
040135231043	Yes	671	411	403	120	0	18	0	113	9
040135231044	Yes	2342	947	1004	0	162	562	0	187	484
040136100011	No	2298	1961	60	57	0	6	0	0	274
040136100021	No	222	198	0	0	0	24	0	0	0
040136100022	No	2391	1892	463	175	143	60	9	83	29
040136100023	No	2204	1942	444	0	50	77	0	0	135
040136100024	No	1799	1498	101	0	0	102	0	71	128
040136101001	No	849	624	176	0	0	69	0	86	70
040136102011	No	1834	1773	27	18	0	8	0	20	15
040136102012	No	2545	2328	222	0	0	0	0	95	122
040136102021	No	353	183	23	55	0	0	0	0	115
040136102022	No	1611	1484	179	0	0	82	0	45	0
040136102023	No	1371	1294	31	33	0	0	0	0	44
040136103011	No	1370	1119	24	0	0	203	0	0	48
040136103012	No	1866	1737	509	25	0	37	0	13	54
040136103021	No	2863	2654	115	97	0	0	0	26	86
040136103022	No	3078	2765	529	0	0	32	0	15	266
040136104001	No	1776	1336	327	0	45	7	0	241	147
040136104002	No	900	843	144	17	14	0	0	16	10
040136104003	No	1314	1091	75	85	0	35	0	0	103
040136104004	No	1827	1530	48	0	31	42	0	24	200
040136105001	No	1748	1748	262	0	0	0	0	0	0
040136105002	No	2288	1782	300	0	0	349	0	20	137
040136105003	No	2767	2529	191	0	0	37	0	49	152
040136105004	No	1005	956	50	0	0	27	0	0	22
040136106001	No	111	111	0	0	0	0	0	0	0
040136106002	No	2481	1714	597	174	0	0	0	0	593
040136106003	No	2122	1600	193	0	32	184	0	135	171
040136106004	No	1494	1345	494	0	0	34	0	16	99
040136107001	No	3094	2941	115	0	0	7	0	132	14

**TABLE 15: MINORITY POPULATION BY CENSUS BLOCK GROUPS
(2022 ACS)**

GEO ID	Minority Above Average %?	Total Population	White	Hispanic or Latino	Black	American Indian	Asian	Native Hawaiian	Other	TwoRaces
040136107002	No	495	267	74	102	0	0	0	38	88
040136107003	No	2722	2455	112	73	0	0	0	32	162
040136107004	No	1826	1707	297	35	0	0	0	51	33
040136108001	No	2825	2300	301	166	0	72	0	75	212
040136108002	No	0	0	0	0	0	0	0	0	0
040136108003	No	3887	3053	214	186	5	543	0	14	86
040136109011	No	2331	1874	307	0	76	122	0	19	240
040136109012	Yes	2609	1085	250	204	0	41	0	24	1255
040136109013	No	1455	1108	450	0	0	33	0	84	230
040136109021	No	1384	1148	33	0	58	157	0	0	21
040136109022	No	3029	2093	663	0	0	568	0	74	294
040136109031	No	3360	2223	201	107	18	832	0	17	163
040136110001	No	3292	2573	379	66	30	278	0	88	257
040136111001	No	2688	2270	412	17	0	0	0	8	393
040136111002	No	1469	1221	28	96	0	126	0	9	17
040136112001	No	2679	1779	375	160	0	417	0	71	252
040136112002	No	984	869	94	0	9	14	0	77	15
040136112003	No	1911	1408	329	19	13	229	0	141	101
040136112004	No	1410	1313	33	0	0	64	0	33	0
040136113001	No	0	0	0	0	0	0	0	0	0
040136113002	No	0	0	0	0	0	0	0	0	0
040136113003	No	2440	1899	352	74	0	0	4	83	380
040136113004	No	1591	1390	78	56	12	43	15	0	75
040136113005	No	2414	1751	262	45	0	370	0	73	175
040136113006	No	1008	951	211	0	0	40	0	0	17
040136114001	No	2125	1999	19	22	0	41	0	0	63
040136114002	No	1304	1143	71	23	0	11	21	0	106
040136114003	No	2515	2262	23	61	0	169	0	23	0
040136115001	No	1460	1083	195	0	63	205	26	17	66
040136115002	No	1248	829	73	0	0	349	0	0	70
040136115003	No	2351	1883	178	0	81	239	24	0	124
040136115004	No	2481	1956	574	43	12	114	0	216	140
040136116001	No	1061	873	140	0	14	59	0	68	47
040136116002	No	1847	1181	507	0	30	183	0	146	307
040136117001	No	1134	834	85	21	0	162	0	32	85
040136117002	No	1529	1452	59	0	0	56	0	0	21
040136117003	No	2292	1792	39	84	28	76	0	0	312
040136117004	No	1117	1093	19	0	9	0	0	0	15
040136118001	No	3227	2617	336	35	0	46	0	293	236
040136118002	No	1339	942	317	0	0	80	0	317	0
040136118003	No	1097	970	113	0	14	0	0	91	22
040136118004	No	1383	1044	158	88	0	0	0	118	133
040136119001	No	1688	1027	316	24	21	330	0	79	207
040136119002	No	1623	1212	245	238	0	17	0	0	156
040136120001	No	2061	1664	173	40	0	90	0	13	254
040136120002	No	910	776	52	31	0	0	0	46	57
040136120003	No	1042	644	92	73	0	213	0	35	77
040136122001	No	3224	2460	278	172	0	452	0	0	140
040136122002	No	3462	2783	620	64	0	216	0	139	260
040136123011	No	1080	567	160	0	0	353	0	156	4
040136123012	No	2698	1647	411	175	0	577	0	25	274
040136123021	Yes	2195	1095	473	0	1	871	0	83	145
040136123022	No	1293	1131	50	0	0	24	0	0	138
040136123023	No	1336	1070	75	168	0	77	0	1	20
040136124011	No	1534	1422	282	6	0	0	0	22	84
040136124012	No	2720	2438	263	0	0	50	0	114	118
040136124021	No	3299	2633	450	37	0	463	0	23	143
040136124022	No	1336	743	164	0	0	0	0	0	593
040136125001	No	1502	1404	40	0	0	60	0	12	26
040136125002	No	1689	1507	83	42	0	35	0	0	105
040136125003	No	910	887	66	15	0	8	0	0	0
040136126001	No	1120	879	174	0	10	28	0	10	193

**TABLE 15: MINORITY POPULATION BY CENSUS BLOCK GROUPS
(2022 ACS)**

GEO ID	Minority Above Average %?	Total Population	White	Hispanic or Latino	Black	American Indian	Asian	Native Hawaiian	Other	TwoRaces
040136126002	No	1053	873	129	10	0	24	11	0	135
040136127001	No	1072	928	91	34	0	33	0	0	77
040136127002	No	1091	917	49	0	0	66	0	5	103
040136128001	No	2373	2030	97	37	19	52	7	73	155
040136129001	No	1054	943	66	7	3	23	0	10	68
040136129002	No	1600	1400	269	7	0	0	0	68	125
040136130001	No	2455	2305	101	4	1	79	0	24	42
040136130002	No	1323	1200	52	0	0	75	0	8	40
040136130003	No	1949	1687	31	20	0	189	0	1	52
040136131001	No	750	649	0	0	0	0	0	101	0
040136131002	No	1033	887	50	0	8	92	0	35	11
040136131003	No	1039	922	69	0	0	109	0	0	8
040136132001	No	1187	994	24	0	0	127	0	0	66
040136132002	No	1164	1117	43	0	0	0	0	47	0
040136132003	No	1695	1687	53	0	0	0	0	0	8
040136133001	No	1867	1585	43	131	0	151	0	0	0
040136133002	No	1792	1771	676	0	0	0	0	0	21
040136133003	No	1341	1112	15	0	0	29	0	0	200
040136133004	No	1076	1003	128	10	0	8	0	0	55
040136133005	No	1092	997	0	0	0	21	0	0	74
040136134001	No	1872	1600	47	134	0	11	0	0	127
040136134002	No	2312	1932	210	0	53	149	0	51	127
040136135001	No	1614	1254	18	58	39	0	0	24	239
040136135002	No	1034	751	0	64	0	29	127	0	63
040136135003	No	1699	1493	155	0	17	20	0	0	169
040136136011	No	1301	941	342	0	0	180	0	159	21
040136136012	No	1130	912	125	62	0	15	0	20	121
040136136013	No	1022	843	43	37	4	64	0	10	64
040136136021	No	3230	1940	466	0	0	867	0	43	380
040136136022	No	2408	1787	218	0	0	344	0	0	277
040136137001	No	1550	1436	145	21	0	43	0	0	50
040136137002	No	1661	1422	329	7	0	22	0	92	118
040136137003	No	2522	1878	415	0	0	312	12	17	303
040136138001	No	1337	1117	87	0	0	76	0	55	89
040136138002	No	2906	2543	294	48	14	51	0	12	238
040136139001	No	2548	1885	400	46	0	183	0	129	305
040136139002	No	1628	1208	27	141	0	114	0	0	165
040136139003	No	2051	1161	409	8	0	345	0	45	492
040136140001	No	896	805	113	22	0	0	0	5	64
040136140002	No	1785	1531	158	55	27	77	0	20	75
040136140003	No	1395	1178	174	26	0	54	0	12	125
040136141001	No	1969	1045	351	60	0	412	0	22	430
040136141002	No	1460	1111	108	32	2	233	0	31	51
040136141003	No	1488	1140	194	51	38	0	0	160	99
040136141004	No	1657	1129	278	0	0	163	0	16	349
040136142001	No	1479	1098	104	254	0	42	0	0	85
040136142002	No	1763	1544	109	0	38	112	0	11	58
040136142003	No	1276	1143	188	23	36	2	0	0	72
040136143001	No	1048	853	10	11	0	65	0	0	119
040136143002	No	1243	1121	52	0	11	92	0	10	9
040136143003	No	663	623	0	0	40	0	0	0	0
040136144001	No	1930	1688	419	25	0	41	0	0	176
040136144002	No	1086	705	217	74	0	0	0	43	264
040136144003	No	992	694	259	38	0	0	0	19	241
040136145001	No	886	718	331	28	13	12	0	49	66
040136145002	No	1343	1096	77	48	0	10	0	36	153
040136145003	Yes	338	323	309	0	0	0	0	0	15
040136145004	Yes	1856	1237	754	0	63	38	0	40	478
040136146011	No	1336	1102	374	173	0	0	0	0	61
040136146012	No	1330	1176	138	0	0	42	0	68	44
040136146013	No	662	437	129	21	19	17	0	96	72
040136146021	No	935	565	191	0	138	43	0	28	161

**TABLE 15: MINORITY POPULATION BY CENSUS BLOCK GROUPS
(2022 ACS)**

GEO ID	Minority Above Average %?	Total Population	White	Hispanic or Latino	Black	American Indian	Asian	Native Hawaiian	Other	TwoRaces
040136146022	No	2215	1949	531	0	43	16	0	0	207
040136146023	No	576	390	52	71	0	29	0	11	75
040136147001	No	1447	1146	253	33	0	0	0	22	246
040136147002	Yes	2080	1217	733	213	11	6	0	277	356
040136148001	No	1849	1390	343	0	102	147	0	58	152
040136148002	No	1388	1086	294	1	0	0	0	69	232
040136148003	No	1158	952	178	0	7	30	0	31	138
040136149001	No	1144	932	23	14	16	77	0	15	90
040136149002	No	1721	1129	269	19	72	186	0	38	277
040136149003	No	898	599	158	131	8	76	0	84	0
040136150011	No	2200	1701	0	86	1	208	0	0	204
040136150012	No	1910	1237	0	0	0	526	0	0	147
040136150013	No	2433	1754	92	0	0	355	0	134	190
040136150021	No	530	530	17	0	0	0	0	0	0
040136150022	No	2462	2197	331	0	0	192	0	6	67
040136150023	No	1878	1426	303	186	12	104	0	0	150
040136151001	No	1355	731	106	84	0	173	0	39	328
040136151002	No	3231	2578	182	0	0	488	0	0	165
040136152011	No	565	474	0	91	0	0	0	0	0
040136152012	No	5695	3783	436	688	0	730	0	135	359
040136152021	No	567	429	56	0	0	69	0	0	69
040136152022	No	85	85	0	0	0	0	0	0	0
040136152023	No	2502	2163	149	0	0	154	0	44	141
040136153001	No	2253	2036	426	0	22	0	17	141	37
040136154001	No	898	854	9	0	0	0	0	0	44
040136154002	No	2041	1998	50	0	0	0	0	0	43
040136155001	No	1254	1209	30	0	0	29	0	0	16
040136155002	No	1494	1422	17	35	0	20	0	0	17
040136156001	No	847	779	45	46	0	0	0	0	22
040136156002	No	1603	1411	170	0	1	87	0	76	28
040136156003	No	1026	1001	0	0	0	0	25	0	0
040136157001	No	917	820	48	18	9	26	0	10	34
040136157002	No	1655	1379	49	41	0	19	0	0	216
040136158001	No	973	728	275	41	0	18	0	73	113
040136158002	No	2664	2329	264	143	8	133	0	6	45
040136158003	No	1316	945	97	11	17	150	0	79	114
040136159001	No	1792	1460	195	239	6	9	0	41	37
040136159002	No	1287	815	170	17	0	149	0	54	252
040136159003	No	1188	933	130	75	0	88	0	6	86
040136160001	No	1357	1037	203	0	0	108	0	42	170
040136160002	No	1000	785	178	11	15	54	36	61	38
040136161001	Yes	1887	1189	549	44	14	63	0	115	462
040136161002	No	828	703	89	10	0	29	0	0	86
040136161003	No	1118	918	124	11	0	108	0	11	70
040136162001	No	2118	1749	407	6	99	69	0	36	159
040136162002	No	1435	1258	144	29	15	0	0	33	100
040136163001	No	1847	1596	234	51	6	25	0	93	76
040136164001	No	1548	1266	167	21	14	81	0	21	145
040136164002	No	918	681	255	0	14	0	0	18	205
040136164003	Yes	2522	220	46	0	113	1994	0	0	195
040136164004	No	982	883	158	30	0	0	0	5	64
040136164005	No	513	290	0	0	0	223	0	0	0
040136165001	No	889	774	123	11	1	0	0	12	91
040136165002	No	1052	806	318	52	31	59	0	84	20
040136165003	No	1607	1381	498	33	0	1	0	78	114
040136166001	No	2197	1863	923	42	0	0	0	18	274
040136166002	No	1963	1369	529	0	51	53	0	259	231
040136166003	No	1020	946	199	0	2	24	0	0	48
040136166004	No	948	654	256	39	2	0	0	89	164
040136167001	No	2394	1808	526	57	7	19	0	165	338
040136167002	No	1117	937	46	0	53	26	0	0	101
040136167003	No	1426	1080	302	93	0	0	0	0	253

**TABLE 15: MINORITY POPULATION BY CENSUS BLOCK GROUPS
(2022 ACS)**

GEO ID	Minority Above Average %?	Total Population	White	Hispanic or Latino	Black	American Indian	Asian	Native Hawaiian	Other	TwoRaces
040136168001	No	1674	1316	568	0	0	49	0	0	309
040136168002	No	1054	932	21	0	0	34	0	21	67
040136168003	Yes	1985	956	968	107	0	0	0	63	859
040136168004	No	1161	809	183	8	12	207	0	0	125
040136169001	No	811	765	18	0	0	28	0	14	4
040136169002	No	1704	1453	183	18	0	87	0	33	113
040136169003	No	1605	1153	243	58	0	118	0	231	45
040136170011	No	0	0	0	0	0	0	0	0	0
040136170021	Yes	943	479	419	0	0	24	0	5	435
040136170022	No	1824	1437	694	0	0	0	0	334	53
040136170023	No	1191	815	265	0	69	204	0	88	15
040136170024	No	896	734	228	0	31	0	0	79	52
040136170025	No	1093	1007	0	0	0	23	0	0	63
040136171001	No	1300	1131	183	33	0	39	0	31	66
040136171002	No	950	782	47	17	6	51	0	12	82
040136172001	No	1638	1276	120	43	0	67	0	0	252
040136172002	No	904	603	58	8	0	169	67	32	25
040136173001	No	1720	1246	110	0	0	318	0	62	94
040136173002	No	714	606	79	0	0	51	0	1	56
040136173003	No	530	466	39	7	0	0	0	0	57
040136174001	No	1226	1197	17	0	0	0	0	0	29
040136174002	No	800	750	86	9	0	0	0	22	19
040136174003	No	2793	2126	628	344	68	0	0	113	142
040136174004	No	940	896	38	0	0	32	0	0	12
040136174005	No	1439	1323	69	19	6	18	0	0	73
040136175001	No	319	290	0	0	8	0	0	0	21
040136175002	No	1464	1332	59	0	0	14	51	46	21
040136175003	No	703	683	0	20	0	0	0	0	0
040136175004	No	1230	815	290	119	0	55	0	9	232
040136176001	No	1768	1078	188	157	0	90	0	135	308
040136176002	No	1182	990	111	34	1	0	0	0	157
040136176003	No	1370	1151	547	0	0	62	0	0	157
040136176004	No	1508	1178	246	28	0	56	0	0	246
040136177001	No	966	865	351	11	0	0	0	55	35
040136177002	No	707	526	260	0	0	109	0	0	72
040136177003	Yes	1686	1037	539	101	52	178	0	37	281
040136178001	No	506	369	52	23	5	75	0	0	34
040136178002	No	2007	1639	216	14	15	120	0	98	121
040136179001	No	757	640	109	0	0	50	0	14	53
040136179002	No	431	370	14	0	0	27	0	0	34
040136179003	No	1657	1269	348	30	262	18	0	68	10
040136180001	No	2401	1696	161	41	0	267	0	83	314
040136180002	No	1165	968	179	35	0	0	0	17	145
040136180003	No	722	643	101	0	0	46	0	0	33
040136181001	No	1576	1394	290	10	0	0	0	87	85
040136181002	No	1563	950	253	21	0	69	0	153	370
040136181003	No	1070	912	94	80	0	0	0	0	78
040136182001	No	2146	1762	343	15	45	8	0	124	192
040136182002	No	1868	1449	408	16	122	0	0	31	250
040136183001	No	1243	1126	153	2	10	0	0	0	105
040136183002	No	1546	1054	261	14	17	62	15	96	288
040136184001	Yes	1408	826	536	124	0	24	0	22	412
040136184002	Yes	2279	1523	839	34	80	116	0	145	381
040136185001	No	1648	1318	234	67	2	13	0	21	227
040136185002	Yes	1449	722	426	292	214	16	0	127	78
040136185003	No	1308	1086	370	136	0	0	0	36	50
040136186001	Yes	1402	745	475	85	0	83	0	199	290
040136186002	Yes	866	625	367	14	30	9	0	65	123
040136186003	No	2084	1635	527	4	7	12	0	246	180
040136187001	Yes	1549	1252	731	27	16	54	0	187	13
040136187002	Yes	1511	997	664	27	10	28	0	75	374
040136188001	Yes	1260	897	590	123	0	0	0	189	51

**TABLE 15: MINORITY POPULATION BY CENSUS BLOCK GROUPS
(2022 ACS)**

GEO ID	Minority Above Average %?	Total Population	White	Hispanic or Latino	Black	American Indian	Asian	Native Hawaiian	Other	TwoRaces
040136188002	Yes	1133	654	525	140	0	0	13	145	181
040136188003	Yes	1276	847	525	141	0	0	0	39	249
040136188004	Yes	1809	1031	687	317	0	0	0	422	39
040136189001	No	1448	1162	207	25	0	0	0	150	111
040136189002	Yes	2390	1339	1207	0	0	8	0	120	923
040136189003	No	776	647	285	0	0	0	0	0	129
040136189004	No	981	870	25	86	0	0	0	25	0
040136189005	No	1398	923	79	270	0	118	0	0	87
040136190001	No	597	420	93	14	0	0	0	81	82
040136190002	No	1072	943	99	66	0	36	0	0	27
040136190003	Yes	1181	678	461	134	295	28	0	30	16
040136191001	Yes	2176	954	553	826	11	0	0	267	118
040136191002	No	1354	975	129	179	110	20	0	34	36
040136192001	No	3033	2178	968	258	251	0	0	95	251
040136192002	No	1574	945	269	167	58	171	0	89	144
040136192003	No	1110	938	187	19	0	0	0	89	64
040136193001	No	1300	1001	161	106	3	10	0	10	170
040136193002	Yes	817	647	536	0	0	3	0	117	50
040136193003	Yes	2795	1726	1074	185	95	201	0	348	240
040136194001	No	2120	1407	655	128	73	93	0	164	255
040136194002	Yes	2078	1429	749	107	0	48	0	296	198
040136194003	No	828	485	178	101	46	14	0	63	119
040136195001	No	912	779	125	0	0	0	0	0	133
040136195002	No	1922	1353	532	55	0	17	0	0	497
040136195003	Yes	2606	1263	1181	33	0	67	0	318	925
040136196011	No	0	0	0	0	0	0	0	0	0
040136196021	No	1895	1406	418	18	2	46	0	125	298
040136197001	No	1254	1072	50	0	0	57	0	1	124
040136197002	No	1100	721	235	69	0	98	31	0	181
040136197003	No	903	800	387	67	0	0	11	7	18
040136198001	No	1597	1112	136	114	0	225	0	12	134
040136198002	No	1427	777	62	67	56	346	0	0	181
040136198003	No	1748	1358	509	72	0	94	0	29	195
040136199001	No	1916	1294	379	0	0	196	0	0	426
040136199002	Yes	1565	402	12	0	0	1151	0	12	0
040136199003	No	1698	1481	102	0	0	162	0	33	22
040136199004	Yes	1091	538	159	0	0	394	0	42	117
040137233041	Yes	1527	762	781	46	0	0	0	660	59
040137233042	No	1620	1145	486	0	15	0	0	251	209
040137233043	No	1781	1585	23	29	24	10	0	0	133
040137233044	Yes	1739	1127	1209	0	11	0	0	492	109
040137233051	Yes	1612	873	1021	20	71	0	0	384	264
040137233052	Yes	805	247	460	48	126	0	0	184	200
040137233061	Yes	6202	3562	2382	868	407	91	25	821	428
040137233071	No	2341	1696	534	82	21	120	0	251	171
040137233091	No	2135	1994	408	0	0	0	0	14	127
040137233092	No	957	895	129	26	0	0	0	20	16
040137233093	No	783	783	0	0	0	0	0	0	0
040137233101	No	2510	1992	485	32	20	68	0	128	270
040137233111	No	2192	1944	551	95	0	53	0	17	83
040137233112	No	2773	2035	507	97	161	0	0	176	304
040138100001	No	3349	2331	526	223	83	247	0	194	271
040138101001	No	1563	1449	33	0	4	61	0	0	49
040138101002	No	1672	1439	102	12	0	108	0	0	113
040138101003	No	1586	1315	209	59	0	82	0	73	57
040138101004	No	1421	1171	97	7	10	158	0	41	34
040138102001	No	2988	1818	529	280	60	353	0	137	340
040138102002	No	597	447	81	25	4	64	0	23	34
040138103001	No	2132	1107	345	142	10	443	0	51	379
040138103002	Yes	1888	1046	432	93	26	448	0	21	254
040138103003	No	1282	926	182	0	40	113	0	53	150
040138103004	Yes	916	377	120	125	46	160	58	22	128

**TABLE 15: MINORITY POPULATION BY CENSUS BLOCK GROUPS
(2022 ACS)**

GEO ID	Minority Above Average %?	Total Population	White	Hispanic or Latino	Black	American Indian	Asian	Native Hawaiian	Other	TwoRaces
040138104001	No	1180	639	97	0	0	464	0	0	77
040138104002	No	1020	469	0	188	0	120	0	68	175
040138104003	No	1013	735	341	22	0	88	0	9	159
040138104004	No	2148	1493	243	73	0	311	0	13	258
040138105001	No	1998	1020	239	49	0	521	0	52	356
040138105002	No	1137	913	270	48	0	130	0	9	37
040138105003	No	1644	1353	192	9	14	176	0	17	75
040138106001	No	1281	993	172	0	0	65	0	81	142
040138106002	No	1263	1136	327	7	1	41	0	77	1
040138106003	No	2629	1372	439	100	0	427	54	51	625
040138106004	No	2174	1232	260	280	129	512	0	21	0
040138107001	No	1567	1142	123	262	0	97	0	16	50
040138107002	Yes	1652	839	261	32	227	198	0	0	356
040138107003	Yes	1052	600	265	0	0	138	0	39	275
040138107004	Yes	954	306	125	97	398	0	0	53	100
040138107005	No	2386	2128	673	9	0	3	0	101	145
040138108001	Yes	2457	1142	615	161	6	638	0	38	472
040138108002	No	2176	1336	231	0	197	355	0	15	273
040138109001	No	815	725	146	0	20	0	0	5	65
040138109002	No	1794	1148	370	10	52	202	0	96	286
040138109003	Yes	1294	708	337	183	0	104	0	273	26
040138109004	No	2266	2067	332	21	0	16	0	0	162
040138110001	No	681	600	65	0	0	57	0	24	0
040138110002	No	2446	1677	655	60	43	84	0	189	393
040138111001	No	2464	1669	260	248	0	227	0	20	300
040138111002	No	1247	676	130	16	0	264	0	53	238
040138112001	Yes	1529	681	442	265	64	212	0	229	78
040138112002	Yes	1785	897	362	145	6	303	0	56	378
040138113001	No	1694	1330	409	39	80	61	0	64	120
040138113002	No	1298	1130	147	16	12	78	0	28	34
040138114001	No	549	521	16	0	0	12	0	0	16
040138114002	No	1799	1136	256	15	63	203	0	113	269
040138114003	No	1579	1160	517	258	29	46	0	11	75
040138114004	No	1292	943	141	20	0	220	0	0	109
040138115001	No	2559	1714	395	64	0	551	0	97	133
040138116001	No	2210	1519	284	190	0	229	0	16	256
040138116002	No	1414	1183	206	52	19	68	0	22	70
040138116003	No	779	660	202	21	0	15	0	83	0
040138117001	No	1717	1253	248	50	0	145	0	172	97
040138117002	Yes	1383	717	355	201	135	11	0	228	91
040138117003	No	1566	1196	394	2	20	11	0	142	195
040138118001	No	1766	1134	100	31	0	513	0	7	81
040138119001	Yes	2138	1412	749	85	30	161	45	0	405
040138119002	No	1867	1138	208	0	0	279	0	19	431
040138119003	No	733	620	85	0	0	14	0	0	99
040138119004	No	1379	639	90	480	0	91	0	0	169
040138120001	No	1552	1067	304	10	34	91	0	230	120
040138120002	No	1524	832	277	193	200	75	0	69	155
040138120003	Yes	2129	1276	1246	0	26	151	26	421	229
040138121001	Yes	1935	1024	595	125	44	242	0	244	256
040138121002	No	2326	1411	293	129	0	424	0	22	340
040138121003	No	2811	1745	319	167	192	280	0	74	353
040138122001	Yes	2828	1249	940	94	0	877	0	144	464
040138122002	No	1232	827	127	166	0	152	3	0	84
040138122003	No	1622	1080	233	0	1	259	0	28	254
040138122004	No	1095	845	244	0	0	164	0	0	86
040138122005	No	841	619	30	41	0	101	0	30	50
040138123001	No	1392	856	235	18	8	432	0	30	48
040138123002	No	2130	1288	119	220	0	341	0	45	236
040138123003	No	1556	1052	429	0	0	423	0	0	81
040138124001	No	1064	805	74	231	0	28	0	0	0
040138124002	No	1614	1127	333	22	16	254	0	1	194

**TABLE 15: MINORITY POPULATION BY CENSUS BLOCK GROUPS
(2022 ACS)**

GEO ID	Minority Above Average %?	Total Population	White	Hispanic or Latino	Black	American Indian	Asian	Native Hawaiian	Other	TwoRaces
040138124003	Yes	824	381	93	29	0	293	0	0	121
040138124004	No	2231	1759	459	83	0	142	0	10	237
040138124005	No	0	0	0	0	0	0	0	0	0
040138124006	No	1806	1136	465	285	44	0	0	191	150
040138125001	Yes	2219	1174	523	134	12	265	0	118	516
040138126001	No	2144	1768	417	28	0	94	0	71	183
040138126002	No	1574	963	268	0	0	275	0	17	319
040138126003	No	2283	1574	124	310	4	128	0	37	230
040138127001	No	1136	837	18	28	0	256	0	12	3
040138127002	No	1969	1037	269	103	18	481	0	108	222
040138127003	No	1526	837	239	0	0	499	0	0	190
040138127004	No	2010	1358	348	199	0	246	0	150	57
040138128011	Yes	1560	774	317	14	0	670	0	63	39
040138128012	No	1655	969	204	190	0	402	0	19	75
040138128021	No	1502	793	110	51	0	404	0	0	254
040138128022	No	2476	1331	347	254	15	469	0	67	340
040138128023	No	1671	1052	342	112	21	280	27	100	79
040138129001	No	1429	757	138	0	0	547	0	54	71
040138129002	No	1921	1372	205	120	0	245	0	82	102
040138130001	No	2310	2058	79	10	5	77	0	28	132
040138130002	Yes	903	372	110	204	9	187	0	0	131
040138130003	Yes	1728	539	55	14	31	1123	0	0	21
040138130004	No	852	380	35	86	0	273	0	11	102
040138131001	No	1745	1111	115	14	0	495	0	0	125
040138131002	No	2183	1367	211	66	101	351	6	13	279
040138132001	No	2169	1282	274	37	54	626	0	114	56
040138132002	No	2551	1758	221	71	0	529	0	81	112
040138133001	No	2465	1750	318	48	0	231	0	154	282
040138133002	No	2017	1426	270	25	11	175	52	18	310
040138133003	No	1614	1121	110	0	1	366	0	0	126
040138134001	No	842	651	116	0	31	66	0	0	94
040138134002	Yes	137	111	76	0	0	0	0	16	10
040138134003	No	1796	1348	278	46	0	135	0	0	267
040138134004	No	1669	1064	220	85	0	292	0	0	228
040138135001	No	1520	1226	202	0	0	243	0	0	51
040138135002	No	1245	978	163	0	0	134	0	38	95
040138135003	No	1295	886	78	0	0	284	0	2	123
040138136001	No	2050	1404	229	23	8	197	7	13	398
040138136002	No	1236	1013	125	19	0	127	0	0	77
040138136003	No	1300	1159	86	0	0	66	0	23	52
040138137001	No	1054	1026	10	10	0	8	0	10	0
040138137002	No	1355	1271	40	8	0	29	0	10	37
040138138001	No	1193	1147	18	0	0	0	0	0	46
040138138002	No	958	909	0	11	0	22	0	0	16
040138138003	No	718	703	10	0	0	0	0	10	5
040138139001	No	2026	1432	455	119	48	165	0	115	147
040138139002	No	2474	1789	727	51	9	75	0	36	514
040138139003	No	1455	1140	212	107	0	82	0	0	126
040138140001	No	1325	1108	69	160	0	11	0	19	27
040138140002	No	900	771	17	0	0	19	0	0	110
040138140003	No	517	456	10	23	0	20	0	0	18
040138141001	No	2829	1815	621	377	0	71	0	298	268
040138141002	No	1399	880	143	197	0	109	0	32	181
040138141003	No	1634	1228	242	45	12	63	15	151	120
040138142001	No	1467	939	171	122	0	232	0	0	174
040138142002	No	1169	800	160	20	0	159	0	32	158
040138143001	No	2283	2065	635	27	0	83	0	0	108
040138143002	No	1366	1065	158	0	0	207	0	23	71
040138143003	No	972	647	237	40	0	56	0	208	21
040138144001	No	2323	1926	454	28	13	209	0	20	127
040138144002	No	2909	2352	785	12	1	86	0	42	416
040138145001	Yes	1711	1204	684	47	1	64	0	288	107

**TABLE 15: MINORITY POPULATION BY CENSUS BLOCK GROUPS
(2022 ACS)**

GEO ID	Minority Above Average %?	Total Population	White	Hispanic or Latino	Black	American Indian	Asian	Native Hawaiian	Other	TwoRaces
040138145002	No	890	666	133	0	24	35	0	13	152
040138145003	No	1513	1358	379	12	26	40	0	0	77
040138145004	No	1016	713	44	76	0	83	0	44	100
040138146001	No	1842	1555	603	0	0	0	3	38	246
040138146002	No	2205	1439	317	236	85	111	0	0	334
040138146003	No	1978	1567	418	0	0	9	0	304	98
040138147001	No	2256	1730	280	73	0	210	8	80	155
040138147002	No	2153	1702	372	28	0	147	0	137	139
040138148011	No	1998	1689	234	47	15	58	0	80	109
040138148012	No	1626	1267	309	0	12	14	0	0	333
040138148021	No	3180	2287	563	639	0	18	0	81	155
040138148022	Yes	1217	758	415	110	0	132	0	62	155
040138148023	No	1616	1400	93	48	0	44	0	31	93
040138149001	No	2243	1569	393	167	0	224	0	38	245
040138149002	No	935	802	307	5	7	0	0	26	95
040138150001	No	1261	953	418	9	0	41	0	0	258
040138150002	No	2205	1913	131	0	0	67	0	51	174
040138150003	No	1012	722	191	0	0	0	0	31	259
040138151001	No	3013	1650	503	80	12	840	14	45	372
040138151002	No	893	755	46	11	0	51	22	19	35
040138151003	No	1798	1278	415	81	0	83	0	35	321
040138152011	No	2376	1547	465	167	0	172	0	156	334
040138152012	Yes	3712	2710	1671	317	0	152	0	143	390
040138152021	No	1703	1497	457	17	9	55	0	47	78
040138152022	Yes	1298	678	294	69	0	35	0	0	516
040138152031	No	1200	815	248	68	0	127	0	38	152
040138152032	No	2849	1928	226	407	12	68	0	67	367
040138153001	No	1255	1099	155	56	0	22	0	12	66
040138153002	No	2476	1757	218	48	0	178	0	220	273
040138154011	No	776	605	100	90	0	0	0	14	67
040138154012	No	1294	995	0	60	0	157	0	0	82
040138154013	No	1384	1260	69	0	0	0	0	0	124
040138154021	Yes	1852	1313	723	203	0	70	0	175	91
040138154022	No	3857	2984	649	198	0	108	0	86	481
040138154023	No	2000	1715	112	7	0	122	0	87	69
040138155011	No	2419	1718	605	92	0	185	0	153	271
040138155012	No	2692	2315	60	0	154	80	0	0	143
040138155021	No	1895	1306	333	388	0	88	0	47	66
040138155022	No	1182	820	333	0	260	10	0	19	73
040138156011	No	1191	876	163	0	0	139	11	97	68
040138156021	No	1172	826	176	14	37	191	0	0	104
040138156022	No	2025	1763	271	0	28	67	0	87	80
040138156023	No	1780	1399	309	52	29	34	0	48	218
040138156024	No	777	557	26	114	0	47	0	12	47
040138157001	No	3182	2269	611	82	0	319	0	249	263
040138157002	Yes	2223	1426	672	29	0	91	11	210	456
040138158001	No	2550	1808	388	171	0	48	0	132	391
040138158002	No	1950	1377	432	139	0	70	0	179	185
040138158003	No	2155	1475	431	79	0	105	0	43	453
040138159011	Yes	1590	717	198	289	0	491	0	0	93
040138159012	No	1893	1592	73	90	0	70	0	13	128
040138159013	Yes	2091	927	239	0	13	904	27	133	87
040138159021	No	3154	2411	319	39	0	507	0	39	158
040138159022	No	1389	1272	4	0	0	117	0	0	0
040138159023	No	1265	1169	92	0	36	0	0	2	58
040138160011	No	1615	1392	176	57	0	4	0	7	155
040138160012	No	1880	1649	544	23	24	16	0	0	168
040138160021	No	971	616	188	13	0	284	0	0	58
040138160022	No	1673	1495	164	0	0	69	0	0	109
040138160023	No	2003	1759	303	38	0	45	0	0	161
040138160031	No	1505	1385	53	16	65	38	0	1	0
040138160032	Yes	1179	430	55	0	10	674	0	14	51

**TABLE 15: MINORITY POPULATION BY CENSUS BLOCK GROUPS
(2022 ACS)**

GEO ID	Minority Above Average %?	Total Population	White	Hispanic or Latino	Black	American Indian	Asian	Native Hawaiian	Other	TwoRaces
040138160041	No	3750	2816	726	235	62	303	0	27	307
040138160042	No	2866	2269	569	46	13	149	0	86	303
040138160051	No	793	392	0	323	0	78	0	0	0
040138160052	No	1571	1245	56	69	0	56	0	31	170
040138160053	Yes	1837	1334	696	0	0	0	0	314	189
040138161001	No	2405	1799	116	164	53	21	0	18	350
040138161002	No	1764	1370	227	37	0	87	14	60	196
040138161003	No	1389	912	375	0	0	32	0	180	265
040138161004	Yes	1746	1064	574	105	8	99	0	107	363
040138162001	Yes	1045	487	239	22	0	318	0	8	210
040138162002	No	1143	745	118	83	0	11	0	19	285
040138162003	No	2017	1658	470	0	0	101	0	61	197
040138163011	No	471	439	0	0	0	32	0	0	0
040138163012	No	1414	1329	20	18	0	24	0	19	24
040138163013	No	1068	1010	67	0	9	15	0	16	18
040138163021	No	2668	2199	160	10	0	173	0	0	286
040138163022	No	1648	1208	510	0	9	175	0	125	131
040138164011	Yes	2035	1074	379	28	0	268	0	56	609
040138164012	No	1679	1441	123	54	0	0	0	13	171
040138164021	No	1238	1147	213	0	0	0	0	14	77
040138164022	No	853	841	0	0	0	12	0	0	0
040138164023	No	2422	1947	97	16	0	268	0	0	191
040138165011	No	2455	2041	99	33	12	129	0	100	140
040138165021	No	1002	703	286	0	24	22	0	115	138
040138165022	No	1434	1134	300	73	0	173	0	20	34
040138166001	No	3634	2831	952	62	9	382	0	69	281
040138166002	No	1919	1643	202	4	0	57	0	135	80
040138167001	No	2639	2120	693	39	0	30	0	9	441
040138168001	No	3926	3019	711	119	3	67	0	24	694
040138168002	No	2378	1999	528	0	9	133	0	18	219
040138168003	No	1711	1560	278	90	6	0	0	12	43
040138169011	No	701	596	35	0	0	70	0	0	35
040138169012	No	4210	3245	981	250	28	108	0	295	284
040138169021	No	2934	2457	298	204	0	50	0	79	144
040138169031	No	1629	1095	289	193	0	0	0	0	341
040138169032	No	2082	1668	255	23	25	112	0	0	254
040138169041	No	1137	901	66	61	0	93	0	43	39
040138169042	No	2517	2155	458	0	0	38	0	129	195
040138170001	No	1787	1292	620	33	0	51	0	12	399
040138170002	No	2091	1830	80	36	0	152	0	0	73
040138171011	No	936	842	74	32	0	42	0	0	20
040138171012	No	2174	1597	345	52	0	48	0	209	268
040138171021	No	932	367	0	0	73	0	0	16	476
040138171022	No	1714	1230	405	89	44	82	0	244	25
040138171023	No	1341	1254	101	43	0	0	0	23	21
040138171031	No	1272	983	79	54	0	14	12	12	197
040138171032	Yes	1222	856	552	26	8	7	0	11	314
040138171033	No	3272	1808	324	326	14	14	304	224	582
040138172001	No	1413	1034	396	0	11	0	0	174	194
040138172002	No	2351	1790	381	0	0	18	0	44	499
040138172003	No	903	892	77	0	0	0	0	2	9
040138172004	Yes	1651	1157	656	0	13	14	0	57	410
040138172005	Yes	2104	1446	758	353	0	0	0	42	263
040138173001	No	1794	1754	0	40	0	0	0	0	0
040138173002	No	1597	1576	51	0	0	21	0	0	0
040138173003	No	1989	1989	33	0	0	0	0	0	0
040138174001	No	1422	1360	0	31	23	0	0	0	8
040138174002	No	1489	1326	48	39	25	9	0	8	82
040138175001	No	1345	1310	67	10	9	0	0	0	16
040138175002	No	1369	1300	24	9	0	17	0	8	35
040138176001	No	2251	1825	306	42	5	83	0	51	245
040138176002	Yes	225	207	150	0	0	0	0	0	18

**TABLE 15: MINORITY POPULATION BY CENSUS BLOCK GROUPS
(2022 ACS)**

GEO ID	Minority Above Average %?	Total Population	White	Hispanic or Latino	Black	American Indian	Asian	Native Hawaiian	Other	TwoRaces
040138176003	No	3593	2445	494	194	43	168	0	332	411
040139407001	Yes	24	0	0	0	24	0	0	0	0
040139410001	Yes	2968	101	477	6	2348	63	27	92	331
040139410002	Yes	17	11	8	0	1	0	0	5	0
040139411001	Yes	31	0	0	0	0	31	0	0	0
040139412001	Yes	1006	112	201	3	769	13	0	9	100
040139413001	Yes	1623	53	532	0	1310	0	0	17	243
040139413002	Yes	740	33	44	0	707	0	0	0	0
040139413003	No	1280	1184	106	20	48	0	0	15	13
040139413004	Yes	2306	50	374	1	1960	0	0	52	243
040139801001	No	0	0	0	0	0	0	0	0	0
040139804001	Yes	13	6	4	2	3	0	0	2	0
040139805001	No	0	0	0	0	0	0	0	0	0
040139807001	No	0	0	0	0	0	0	0	0	0
040139809001	No	315	315	82	0	0	0	0	0	0
040139810001	Yes	580	366	170	78	22	0	0	71	43

**TABLE 15: MINORITY PERCENTAGE BY CENSUS BLOCK GROUPS
(2022 ACS)**

GEO ID	Minority Above Average %?	Total Population	White	Hispanic or Latino	Black	American Indian	Asian	Native Hawaiian	Other	TwoRaces
040130101021	No	100.0%	99.7%	30.1%	0.3%	0.0%	0.0%	0.0%	0.0%	0.0%
040130101022	No	100.0%	89.5%	4.9%	1.7%	0.0%	0.0%	0.0%	0.7%	8.1%
040130101023	No	100.0%	96.0%	1.5%	0.0%	0.0%	1.7%	0.0%	0.0%	2.4%
040130101031	No	100.0%	98.6%	0.5%	0.0%	0.0%	0.0%	0.0%	0.0%	1.4%
040130101032	No	100.0%	98.8%	5.6%	0.5%	0.0%	0.0%	0.0%	0.0%	0.7%
040130101041	No	100.0%	91.2%	0.0%	0.0%	0.0%	5.2%	0.0%	0.0%	3.7%
040130101042	No	100.0%	95.4%	2.8%	0.0%	0.0%	0.0%	0.0%	0.0%	4.6%
040130101043	No	100.0%	100.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
040130304011	No	100.0%	94.6%	3.0%	1.6%	0.0%	1.6%	0.0%	0.2%	1.9%
040130304012	No	100.0%	100.0%	1.8%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
040130304013	No	100.0%	86.2%	0.8%	0.0%	0.0%	4.1%	0.0%	0.0%	9.7%
040130304021	No	100.0%	97.5%	1.1%	0.0%	0.0%	0.0%	0.0%	0.0%	2.5%
040130304022	No	100.0%	93.9%	6.3%	0.0%	1.3%	3.5%	0.0%	0.0%	1.3%
040130304023	No	100.0%	92.6%	2.9%	0.0%	0.0%	0.0%	0.0%	1.8%	5.6%
040130405021	No	100.0%	96.1%	0.0%	1.6%	2.3%	0.0%	0.0%	0.0%	0.0%
040130405022	No	100.0%	100.0%	8.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
040130405023	No	100.0%	99.6%	19.5%	0.0%	0.0%	0.0%	0.0%	0.0%	0.4%
040130405024	No	100.0%	100.0%	6.3%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
040130405025	No	100.0%	96.0%	0.5%	1.1%	0.6%	0.0%	0.0%	0.5%	1.8%
040130405061	No	100.0%	95.3%	1.1%	0.0%	0.0%	0.1%	0.0%	3.8%	0.8%
040130405062	No	100.0%	100.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
040130405063	No	100.0%	98.6%	1.4%	0.0%	0.0%	0.0%	0.0%	1.4%	0.0%
040130405064	No	100.0%	94.5%	2.7%	0.0%	0.0%	2.8%	0.0%	0.0%	2.7%
040130405071	No	100.0%	97.0%	0.3%	1.4%	0.0%	1.3%	0.0%	0.0%	0.3%
040130405072	No	100.0%	92.3%	2.7%	2.4%	0.0%	2.4%	0.0%	0.0%	2.9%
040130405073	No	100.0%	87.0%	3.0%	3.1%	0.9%	1.6%	0.0%	3.0%	4.3%
040130405074	No	100.0%	96.6%	1.0%	0.8%	0.7%	0.0%	0.0%	1.0%	0.8%
040130405075	No	100.0%	90.4%	0.0%	0.0%	0.0%	4.2%	0.0%	0.0%	5.3%
040130405121	No	100.0%	94.8%	0.8%	0.5%	0.0%	1.8%	0.0%	0.0%	3.0%
040130405131	No	100.0%	97.1%	1.6%	0.8%	0.0%	0.6%	0.0%	0.0%	1.5%
040130405132	No	100.0%	99.5%	1.3%	0.5%	0.0%	0.0%	0.0%	0.0%	0.0%
040130405141	No	100.0%	98.4%	0.5%	0.0%	0.0%	1.1%	0.0%	0.5%	0.0%
040130405142	No	100.0%	95.1%	2.1%	1.5%	0.7%	1.8%	0.0%	0.0%	1.0%
040130405151	No	100.0%	92.1%	17.7%	0.0%	4.5%	0.0%	0.0%	0.7%	2.7%
040130405152	No	100.0%	81.9%	6.7%	1.8%	1.1%	1.1%	0.0%	0.0%	14.2%
040130405161	No	100.0%	95.5%	2.9%	2.8%	0.0%	0.0%	0.0%	0.0%	1.7%
040130405162	No	100.0%	97.5%	0.0%	0.0%	0.0%	2.5%	0.0%	0.0%	0.0%
040130405163	No	100.0%	83.7%	32.8%	0.1%	0.0%	1.0%	0.3%	7.1%	7.8%
040130405164	No	100.0%	92.0%	4.8%	0.0%	1.4%	0.0%	0.0%	4.7%	2.0%
040130405165	No	100.0%	100.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
040130405221	No	100.0%	96.6%	2.0%	0.0%	0.0%	1.3%	0.0%	0.0%	2.1%
040130405222	No	100.0%	98.8%	2.2%	0.0%	0.0%	0.0%	0.0%	0.0%	1.2%
040130405223	No	100.0%	97.5%	1.9%	1.7%	0.0%	0.0%	0.0%	0.0%	0.8%
040130405231	No	100.0%	91.8%	1.2%	1.4%	0.0%	1.5%	0.0%	5.2%	0.1%
040130405232	No	100.0%	95.6%	2.1%	1.2%	0.0%	0.9%	0.0%	0.0%	2.3%
040130405241	No	100.0%	90.4%	6.2%	2.3%	0.0%	1.3%	0.0%	0.0%	6.0%
040130405251	No	100.0%	97.6%	2.1%	0.0%	0.0%	1.2%	0.0%	0.0%	1.2%
040130405252	No	100.0%	97.1%	4.4%	0.6%	0.0%	1.6%	0.0%	0.7%	0.0%
040130405261	No	100.0%	98.0%	2.2%	0.8%	0.0%	0.7%	0.0%	0.0%	0.5%
040130405262	No	100.0%	95.1%	2.1%	0.6%	0.0%	1.1%	0.0%	1.4%	1.8%
040130405271	No	100.0%	99.5%	0.0%	0.0%	0.0%	0.5%	0.0%	0.0%	0.0%
040130405272	No	100.0%	92.5%	1.4%	0.0%	0.0%	0.7%	0.0%	3.6%	3.2%
040130405273	No	100.0%	77.6%	18.3%	0.6%	0.9%	7.7%	0.3%	3.5%	9.4%
040130405281	No	100.0%	92.1%	0.0%	4.7%	0.0%	0.0%	0.0%	0.0%	3.2%
040130405282	No	100.0%	100.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
040130405283	No	100.0%	100.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
040130405284	No	100.0%	78.3%	15.5%	6.2%	0.0%	0.0%	0.0%	0.0%	15.5%
040130405285	No	100.0%	88.6%	4.6%	2.2%	0.0%	4.5%	0.0%	1.1%	3.6%
040130405286	No	100.0%	97.2%	2.5%	0.0%	0.0%	2.6%	0.0%	0.0%	0.1%
040130405291	No	100.0%	95.8%	0.0%	0.0%	1.3%	1.0%	0.0%	0.0%	1.9%
040130405292	No	100.0%	96.6%	0.7%	1.5%	1.3%	0.0%	0.6%	0.0%	0.0%
040130405293	No	100.0%	95.5%	1.7%	1.9%	0.0%	1.6%	0.0%	0.0%	1.1%

**TABLE 15: MINORITY PERCENTAGE BY CENSUS BLOCK GROUPS
(2022 ACS)**

GEO ID	Minority Above Average %?	Total Population	White	Hispanic or Latino	Black	American Indian	Asian	Native Hawaiian	Other	TwoRaces
040130405301	Yes	100.0%	61.8%	35.1%	2.2%	9.2%	3.5%	0.0%	11.2%	12.0%
040130405302	No	100.0%	82.6%	11.3%	6.2%	0.0%	4.0%	0.0%	1.5%	5.8%
040130405311	No	100.0%	68.2%	6.1%	13.5%	0.0%	1.6%	0.0%	0.0%	16.6%
040130405312	No	100.0%	93.9%	4.8%	0.0%	0.0%	0.3%	0.0%	0.0%	5.8%
040130405313	No	100.0%	89.2%	6.1%	4.7%	0.0%	0.0%	0.0%	6.1%	0.0%
040130405314	No	100.0%	97.8%	5.4%	2.2%	0.0%	0.0%	0.0%	0.0%	0.0%
040130405321	No	100.0%	77.5%	22.5%	0.0%	0.0%	0.0%	0.0%	7.5%	15.0%
040130405322	No	100.0%	82.3%	9.5%	1.0%	0.0%	2.7%	0.0%	0.0%	14.0%
040130405323	No	100.0%	83.8%	8.1%	8.7%	0.0%	1.6%	0.0%	0.8%	5.1%
040130405331	No	100.0%	78.4%	20.8%	5.3%	0.0%	5.2%	0.0%	2.6%	8.4%
040130405341	No	100.0%	97.7%	0.0%	1.2%	0.0%	0.0%	0.0%	0.0%	1.1%
040130405342	No	100.0%	93.9%	1.7%	0.6%	0.0%	1.5%	0.0%	0.0%	3.9%
040130405351	No	100.0%	89.3%	13.1%	1.9%	0.9%	2.5%	0.0%	0.0%	5.4%
040130405352	No	100.0%	89.5%	16.1%	2.5%	0.0%	0.0%	0.0%	0.0%	8.0%
040130405353	No	100.0%	91.9%	11.5%	0.0%	0.3%	2.1%	0.0%	0.0%	5.6%
040130405354	No	100.0%	100.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
040130405361	No	100.0%	84.8%	8.0%	1.6%	0.0%	8.2%	0.0%	0.4%	5.0%
040130405362	No	100.0%	84.7%	11.6%	7.7%	0.5%	3.0%	0.0%	2.0%	2.0%
040130405371	No	100.0%	77.7%	4.8%	11.7%	0.0%	4.0%	0.0%	0.3%	6.3%
040130405381	Yes	100.0%	70.5%	37.7%	0.0%	0.0%	0.0%	0.0%	1.7%	27.8%
040130405382	No	100.0%	64.9%	7.4%	4.0%	0.0%	2.9%	0.0%	16.5%	11.8%
040130405383	No	100.0%	87.1%	6.7%	0.0%	0.0%	7.6%	0.0%	2.6%	2.7%
040130405391	No	100.0%	45.6%	1.6%	21.7%	0.0%	0.0%	0.0%	32.7%	0.0%
040130405392	No	100.0%	77.3%	6.4%	7.6%	0.0%	9.1%	0.0%	0.0%	6.0%
040130405393	No	100.0%	86.4%	2.8%	3.9%	0.0%	0.0%	0.0%	0.0%	9.7%
040130405394	No	100.0%	92.1%	15.9%	0.0%	0.0%	1.0%	0.0%	3.7%	3.2%
040130405395	No	100.0%	84.9%	15.1%	0.0%	0.0%	0.0%	0.0%	0.0%	15.1%
040130405396	No	100.0%	95.7%	2.0%	0.0%	0.8%	0.2%	0.0%	0.0%	3.3%
040130405401	No	100.0%	66.5%	21.8%	0.0%	0.0%	0.0%	0.0%	0.0%	33.5%
040130405402	No	100.0%	72.3%	27.2%	4.0%	0.0%	0.0%	0.0%	15.8%	8.0%
040130405403	Yes	100.0%	58.5%	75.4%	3.2%	0.0%	0.0%	0.0%	2.2%	36.1%
040130405411	No	100.0%	72.3%	25.4%	0.0%	0.0%	0.0%	0.0%	13.2%	14.5%
040130405412	No	100.0%	89.9%	14.7%	0.0%	2.4%	0.8%	0.0%	1.3%	5.6%
040130405413	No	100.0%	77.0%	24.7%	1.1%	4.0%	1.1%	0.0%	5.8%	11.0%
040130506031	No	100.0%	79.8%	40.8%	0.2%	1.1%	0.0%	0.0%	15.0%	3.9%
040130506032	No	100.0%	79.8%	37.2%	0.7%	1.1%	0.1%	0.1%	3.7%	14.4%
040130506033	Yes	100.0%	64.6%	39.2%	0.0%	0.0%	0.0%	0.0%	8.0%	27.4%
040130506034	No	100.0%	80.5%	39.4%	0.8%	0.0%	0.0%	0.0%	15.8%	2.9%
040130506041	No	100.0%	82.7%	35.6%	0.0%	0.4%	0.6%	0.0%	6.0%	10.3%
040130506042	No	100.0%	79.0%	28.0%	0.4%	1.0%	1.7%	0.0%	10.1%	7.8%
040130506091	No	100.0%	93.7%	3.9%	4.8%	0.0%	0.0%	0.0%	0.0%	1.5%
040130506092	Yes	100.0%	65.2%	67.1%	1.2%	0.0%	5.3%	0.0%	15.9%	12.3%
040130506093	No	100.0%	100.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
040130506094	Yes	100.0%	60.6%	52.6%	0.0%	0.0%	0.0%	0.2%	20.9%	18.4%
040130506111	Yes	100.0%	38.8%	64.8%	0.0%	0.0%	0.0%	0.0%	5.0%	56.1%
040130506112	Yes	100.0%	76.5%	46.3%	0.0%	0.0%	0.0%	1.0%	14.2%	8.3%
040130506113	Yes	100.0%	49.3%	52.8%	4.2%	2.0%	0.8%	0.4%	26.4%	16.8%
040130506114	Yes	100.0%	70.9%	47.0%	8.3%	1.2%	0.0%	4.6%	10.8%	4.2%
040130506115	Yes	100.0%	100.0%	86.5%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
040130506121	Yes	100.0%	64.2%	39.0%	10.3%	6.8%	0.0%	0.0%	13.9%	4.9%
040130506122	Yes	100.0%	50.3%	59.9%	6.9%	0.0%	1.3%	0.0%	18.8%	22.7%
040130506123	Yes	100.0%	75.5%	71.7%	0.0%	1.1%	0.0%	0.0%	14.0%	9.3%
040130506131	Yes	100.0%	74.5%	62.5%	0.0%	0.0%	0.0%	0.0%	14.9%	10.6%
040130506132	No	100.0%	82.1%	14.2%	0.0%	0.0%	0.2%	0.0%	9.6%	8.0%
040130506133	Yes	100.0%	70.0%	67.7%	11.2%	0.3%	0.0%	0.0%	10.0%	8.5%
040130506141	Yes	100.0%	54.0%	68.5%	5.2%	0.0%	0.0%	0.0%	28.6%	12.2%
040130506142	Yes	100.0%	41.6%	58.4%	0.0%	0.0%	0.0%	0.0%	46.8%	11.6%
040130506143	Yes	100.0%	55.2%	55.3%	8.3%	0.0%	1.5%	0.0%	29.4%	5.5%
040130506151	Yes	100.0%	63.9%	66.8%	5.2%	0.0%	0.6%	0.0%	9.4%	21.0%
040130506152	Yes	100.0%	71.5%	43.1%	4.0%	1.1%	0.0%	0.0%	7.1%	16.4%
040130506161	Yes	100.0%	52.3%	39.7%	3.5%	11.2%	3.5%	0.0%	14.0%	15.4%
040130506162	Yes	100.0%	57.5%	52.7%	7.1%	0.0%	0.0%	0.0%	33.5%	1.9%

**TABLE 15: MINORITY PERCENTAGE BY CENSUS BLOCK GROUPS
(2022 ACS)**

GEO ID	Minority Above Average %?	Total Population	White	Hispanic or Latino	Black	American Indian	Asian	Native Hawaiian	Other	TwoRaces
040130506171	Yes	100.0%	53.3%	49.8%	14.4%	1.2%	13.9%	0.0%	10.4%	6.7%
040130506172	Yes	100.0%	56.3%	36.8%	18.3%	2.5%	8.1%	0.0%	6.6%	8.2%
040130506173	Yes	100.0%	83.2%	52.7%	2.5%	0.0%	0.0%	0.0%	11.5%	2.8%
040130506174	Yes	100.0%	55.7%	41.7%	0.5%	0.0%	0.0%	0.0%	25.9%	18.0%
040130506181	Yes	100.0%	37.4%	61.1%	0.5%	0.5%	3.1%	0.0%	0.0%	58.5%
040130506182	No	100.0%	82.3%	20.8%	1.1%	0.4%	3.7%	0.0%	5.1%	7.4%
040130506191	Yes	100.0%	51.3%	64.2%	0.1%	0.0%	0.0%	0.0%	12.5%	36.1%
040130506192	Yes	100.0%	57.5%	44.8%	1.0%	0.0%	1.1%	0.0%	22.3%	18.2%
040130506193	No	100.0%	89.2%	4.9%	1.0%	0.0%	3.1%	0.0%	0.0%	6.8%
040130506194	Yes	100.0%	68.9%	47.4%	0.0%	0.0%	0.0%	0.0%	30.0%	1.2%
040130506201	No	100.0%	65.9%	23.2%	2.1%	0.0%	2.3%	0.0%	0.9%	28.8%
040130506202	No	100.0%	89.0%	31.3%	0.0%	0.0%	0.0%	0.0%	0.0%	11.0%
040130506203	Yes	100.0%	62.6%	43.8%	1.2%	0.0%	1.7%	0.0%	22.8%	11.8%
040130506211	No	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
040130506212	No	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
040130506213	Yes	100.0%	54.2%	43.4%	11.8%	0.0%	0.0%	0.0%	4.1%	29.9%
040130506214	Yes	100.0%	60.3%	54.4%	0.7%	2.6%	0.0%	0.0%	15.3%	21.0%
040130506215	Yes	100.0%	44.5%	35.6%	18.2%	6.9%	0.6%	0.0%	12.6%	17.3%
040130507011	Yes	100.0%	74.4%	56.9%	0.0%	0.0%	0.0%	0.0%	18.3%	7.2%
040130507012	Yes	100.0%	63.7%	31.3%	9.4%	2.2%	3.4%	0.0%	5.9%	15.4%
040130507013	Yes	100.0%	54.6%	55.3%	5.5%	0.0%	1.1%	0.0%	21.9%	16.9%
040130507021	Yes	100.0%	69.7%	49.7%	2.3%	0.0%	0.0%	0.0%	19.4%	8.6%
040130507022	Yes	100.0%	65.9%	66.5%	4.0%	6.9%	1.6%	0.0%	18.6%	3.0%
040130507023	Yes	100.0%	59.7%	46.7%	3.0%	1.7%	0.0%	0.0%	20.7%	14.9%
040130507024	Yes	100.0%	47.2%	87.4%	7.1%	12.3%	0.0%	0.0%	33.4%	0.0%
040130608011	Yes	100.0%	26.8%	77.9%	3.0%	3.9%	1.2%	0.0%	12.4%	52.7%
040130608012	Yes	100.0%	44.8%	76.5%	5.0%	0.5%	0.0%	0.0%	6.0%	43.6%
040130608013	Yes	100.0%	73.8%	88.6%	0.1%	0.0%	1.4%	0.0%	17.6%	7.1%
040130608014	No	100.0%	89.1%	4.7%	5.3%	0.0%	0.0%	0.0%	0.0%	5.7%
040130608015	Yes	100.0%	43.2%	95.9%	0.0%	0.5%	0.0%	0.0%	26.8%	29.4%
040130608021	No	100.0%	80.3%	22.6%	12.3%	0.0%	0.0%	0.0%	2.2%	5.1%
040130608022	Yes	100.0%	50.4%	48.9%	4.7%	0.2%	0.5%	4.0%	7.6%	32.5%
040130609011	Yes	100.0%	45.3%	51.2%	0.0%	5.1%	3.6%	0.0%	14.4%	31.6%
040130609012	Yes	100.0%	34.3%	37.7%	14.1%	0.0%	4.5%	7.7%	18.8%	20.6%
040130609013	Yes	100.0%	57.4%	48.4%	16.7%	0.0%	0.1%	0.0%	4.6%	21.2%
040130609021	Yes	100.0%	62.3%	37.4%	27.4%	0.8%	0.0%	0.0%	1.6%	8.0%
040130609022	Yes	100.0%	28.2%	89.2%	7.5%	0.0%	0.0%	0.0%	24.4%	39.9%
040130609023	Yes	100.0%	26.0%	93.4%	0.0%	0.0%	0.0%	0.0%	25.0%	49.0%
040130609031	Yes	100.0%	58.1%	46.9%	0.0%	32.0%	0.0%	0.0%	4.7%	5.2%
040130609032	Yes	100.0%	16.9%	97.5%	0.8%	0.0%	0.0%	0.0%	44.5%	37.8%
040130609033	Yes	100.0%	28.1%	49.5%	9.1%	1.9%	0.0%	0.0%	26.2%	34.7%
040130609034	No	100.0%	76.1%	29.7%	6.1%	0.0%	2.3%	0.0%	2.5%	13.0%
040130609041	Yes	100.0%	41.7%	91.3%	0.0%	0.0%	0.0%	0.0%	34.9%	23.4%
040130609042	Yes	100.0%	64.5%	41.6%	6.8%	3.1%	0.0%	0.0%	11.6%	13.9%
040130609043	Yes	100.0%	57.0%	64.2%	4.2%	3.1%	2.6%	0.7%	12.1%	20.3%
040130610101	No	100.0%	73.2%	35.5%	1.5%	0.0%	3.5%	0.0%	6.9%	15.0%
040130610102	No	100.0%	87.8%	10.1%	3.7%	0.0%	4.1%	1.5%	0.6%	2.4%
040130610103	No	100.0%	76.1%	21.0%	0.5%	0.4%	5.0%	0.0%	2.9%	15.0%
040130610111	Yes	100.0%	55.9%	55.9%	1.7%	1.8%	5.3%	0.0%	10.1%	25.1%
040130610112	Yes	100.0%	36.4%	40.8%	7.3%	16.6%	13.5%	0.0%	4.9%	21.3%
040130610113	Yes	100.0%	54.9%	41.1%	8.7%	0.0%	1.9%	0.0%	5.3%	29.2%
040130610131	No	100.0%	61.6%	17.1%	19.6%	0.0%	7.9%	0.0%	3.0%	7.9%
040130610132	No	100.0%	67.7%	26.6%	1.1%	4.0%	4.5%	0.0%	5.7%	17.0%
040130610141	Yes	100.0%	65.5%	35.5%	1.1%	3.8%	3.5%	0.0%	5.5%	20.6%
040130610142	Yes	100.0%	33.5%	53.8%	15.6%	0.0%	0.0%	0.7%	18.1%	32.1%
040130610143	Yes	100.0%	61.5%	37.7%	0.0%	0.0%	3.1%	0.0%	24.4%	10.9%
040130610151	No	100.0%	77.0%	31.7%	9.1%	0.0%	0.0%	0.0%	5.2%	8.7%
040130610152	Yes	100.0%	52.7%	23.1%	26.8%	0.0%	2.6%	0.0%	14.3%	3.6%
040130610153	Yes	100.0%	61.8%	61.3%	2.7%	3.9%	1.6%	0.4%	14.7%	14.8%
040130610171	Yes	100.0%	63.8%	33.4%	10.6%	5.0%	1.3%	0.0%	9.9%	9.3%
040130610181	No	100.0%	94.2%	1.6%	3.9%	0.0%	0.0%	0.0%	1.2%	0.7%
040130610182	No	100.0%	88.5%	1.8%	6.3%	0.0%	3.4%	0.0%	0.0%	1.8%

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GEO ID	Minority Above Average %?	Total Population	White	Hispanic or Latino	Black	American Indian	Asian	Native Hawaiian	Other	TwoRaces
040130610183	No	100.0%	89.4%	7.8%	1.8%	0.0%	0.0%	0.0%	0.0%	8.7%
040130610201	No	100.0%	78.6%	23.1%	3.2%	3.9%	11.0%	0.0%	0.0%	3.3%
040130610202	Yes	100.0%	54.9%	22.3%	17.5%	1.7%	0.0%	0.0%	12.2%	13.6%
040130610203	Yes	100.0%	59.8%	46.1%	2.4%	0.5%	1.5%	0.0%	2.9%	33.0%
040130610211	Yes	100.0%	53.2%	38.1%	9.5%	0.3%	5.2%	0.5%	13.7%	17.6%
040130610241	Yes	100.0%	65.5%	41.3%	1.4%	0.5%	0.1%	2.9%	14.5%	15.1%
040130610261	No	100.0%	78.8%	23.1%	4.8%	0.0%	2.5%	0.0%	5.6%	8.2%
040130610262	No	100.0%	83.2%	34.8%	1.6%	0.0%	0.4%	0.0%	1.6%	13.2%
040130610263	No	100.0%	81.3%	22.3%	5.3%	0.0%	3.7%	0.0%	0.4%	9.3%
040130610271	No	100.0%	92.7%	38.3%	0.0%	0.0%	0.0%	6.3%	0.0%	1.0%
040130610272	No	100.0%	97.0%	5.8%	2.7%	0.0%	0.0%	0.0%	0.4%	0.0%
040130610273	No	100.0%	74.1%	18.6%	16.4%	0.0%	3.2%	0.0%	6.3%	0.0%
040130610274	No	100.0%	82.3%	10.6%	14.7%	0.0%	0.0%	0.0%	3.1%	0.0%
040130610281	No	100.0%	91.1%	12.3%	1.9%	0.0%	1.5%	0.0%	2.0%	3.5%
040130610291	No	100.0%	69.3%	30.5%	8.8%	0.0%	0.0%	0.0%	17.3%	4.5%
040130610292	No	100.0%	86.5%	8.2%	1.8%	0.0%	0.0%	2.8%	1.6%	7.4%
040130610293	No	100.0%	84.0%	12.5%	7.3%	0.4%	0.0%	2.7%	1.1%	4.5%
040130610294	No	100.0%	65.5%	12.0%	14.7%	1.2%	0.8%	0.0%	1.7%	16.1%
040130610311	No	100.0%	100.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
040130610312	No	100.0%	64.3%	22.9%	6.9%	0.0%	9.5%	0.0%	4.3%	15.0%
040130610313	No	100.0%	91.3%	47.3%	0.0%	0.0%	7.2%	0.0%	0.0%	1.5%
040130610314	No	100.0%	97.0%	26.8%	0.0%	0.0%	0.0%	0.0%	0.0%	3.0%
040130610315	No	100.0%	78.6%	21.7%	9.8%	0.0%	0.0%	0.0%	2.5%	9.0%
040130610316	No	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
040130610317	No	100.0%	87.2%	10.8%	4.3%	1.6%	0.0%	0.0%	0.0%	6.9%
040130610321	No	100.0%	74.3%	26.6%	7.4%	0.0%	0.0%	0.0%	16.3%	1.9%
040130610322	No	100.0%	74.3%	22.4%	9.3%	0.0%	1.9%	0.0%	1.2%	13.3%
040130610323	No	100.0%	88.7%	15.0%	2.5%	0.0%	0.9%	0.0%	6.1%	1.9%
040130610324	No	100.0%	80.8%	27.3%	2.4%	0.8%	0.0%	0.0%	1.8%	14.2%
040130610331	No	100.0%	65.4%	11.4%	6.0%	0.0%	3.6%	0.0%	20.5%	4.5%
040130610332	No	100.0%	71.3%	22.0%	0.0%	0.0%	6.9%	0.0%	9.4%	12.3%
040130610333	No	100.0%	82.1%	17.0%	4.8%	0.5%	10.4%	0.0%	0.7%	1.5%
040130610341	No	100.0%	79.2%	24.4%	9.7%	0.0%	2.3%	2.9%	0.0%	5.9%
040130610342	No	100.0%	85.1%	7.8%	0.8%	0.1%	10.5%	0.0%	0.0%	3.4%
040130610343	No	100.0%	64.6%	10.4%	0.0%	1.3%	0.1%	0.0%	0.6%	33.4%
040130610344	Yes	100.0%	62.7%	35.4%	16.4%	0.0%	10.7%	0.0%	0.0%	10.3%
040130610351	No	100.0%	59.0%	18.8%	23.2%	0.0%	0.3%	0.0%	4.1%	13.4%
040130610352	Yes	100.0%	62.7%	49.0%	0.0%	0.0%	0.0%	1.0%	0.5%	35.8%
040130610353	No	100.0%	56.3%	10.5%	27.0%	0.0%	3.2%	0.0%	10.5%	2.9%
040130610354	No	100.0%	88.8%	35.1%	1.3%	0.0%	3.3%	0.0%	4.2%	2.4%
040130610361	No	100.0%	73.5%	34.2%	4.2%	0.0%	4.8%	0.4%	1.9%	15.2%
040130610362	No	100.0%	66.7%	22.3%	10.0%	0.2%	2.6%	0.4%	7.2%	12.9%
040130610371	No	100.0%	70.7%	25.4%	8.9%	0.0%	0.8%	0.0%	9.8%	9.8%
040130610372	No	100.0%	83.5%	28.9%	0.2%	0.0%	3.8%	1.3%	4.8%	6.3%
040130610373	No	100.0%	58.9%	19.3%	6.1%	0.0%	9.4%	0.0%	9.0%	16.6%
040130610381	No	100.0%	88.9%	19.3%	0.9%	0.7%	2.2%	0.0%	1.6%	5.7%
040130610382	No	100.0%	64.1%	29.1%	2.6%	0.0%	0.8%	0.0%	17.4%	15.0%
040130610383	Yes	100.0%	41.4%	53.6%	0.0%	6.6%	2.5%	0.0%	34.7%	14.8%
040130610391	No	100.0%	60.1%	18.2%	14.9%	0.0%	4.2%	0.0%	11.0%	9.8%
040130610392	No	100.0%	82.9%	24.7%	17.1%	0.0%	0.0%	0.0%	0.0%	0.0%
040130610393	No	100.0%	75.5%	19.8%	5.6%	0.0%	3.6%	0.0%	1.6%	13.7%
040130610401	Yes	100.0%	39.7%	44.8%	20.5%	0.0%	0.0%	0.0%	19.2%	20.6%
040130610402	Yes	100.0%	60.0%	51.8%	6.3%	0.0%	2.8%	0.0%	27.9%	3.0%
040130610403	No	100.0%	54.2%	10.8%	10.6%	1.2%	1.3%	0.0%	3.3%	29.4%
040130610411	No	100.0%	69.4%	32.6%	0.0%	0.0%	3.7%	0.0%	18.4%	8.6%
040130610412	Yes	100.0%	35.1%	63.2%	0.9%	0.0%	2.4%	3.6%	3.4%	54.6%
040130610413	Yes	100.0%	43.0%	56.4%	6.7%	0.6%	3.8%	2.2%	14.5%	29.1%
040130610414	No	100.0%	91.0%	42.6%	0.0%	0.0%	0.0%	0.0%	4.1%	5.0%
040130610421	Yes	100.0%	42.3%	48.2%	7.2%	0.6%	0.0%	0.0%	17.0%	32.8%
040130610422	No	100.0%	99.5%	1.3%	0.0%	0.0%	0.0%	0.0%	0.0%	0.5%
040130610431	Yes	100.0%	67.5%	58.3%	6.5%	0.0%	4.0%	0.0%	6.8%	15.3%
040130610432	Yes	100.0%	50.1%	35.5%	0.0%	0.0%	0.7%	0.0%	20.7%	28.6%

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GEO ID	Minority Above Average %?	Total Population	White	Hispanic or Latino	Black	American Indian	Asian	Native Hawaiian	Other	TwoRaces
040130610433	Yes	100.0%	53.4%	52.0%	0.8%	0.0%	0.0%	0.0%	24.1%	21.7%
040130610441	Yes	100.0%	53.8%	26.0%	19.8%	0.0%	4.2%	0.0%	4.0%	18.3%
040130610442	No	100.0%	77.6%	30.1%	0.0%	0.0%	2.2%	0.0%	8.9%	11.3%
040130610443	No	100.0%	67.9%	25.4%	7.3%	1.8%	4.2%	1.6%	4.6%	12.6%
040130610444	Yes	100.0%	67.1%	40.0%	3.5%	0.0%	0.0%	0.0%	0.0%	29.4%
040130610451	No	100.0%	64.7%	6.2%	2.6%	11.8%	3.9%	0.0%	4.8%	12.2%
040130610452	Yes	100.0%	54.9%	26.8%	23.6%	0.0%	3.6%	0.0%	5.5%	12.4%
040130610453	No	100.0%	74.2%	13.3%	2.0%	1.8%	5.7%	0.0%	3.8%	12.4%
040130610454	Yes	100.0%	57.0%	41.5%	2.7%	0.0%	3.4%	0.0%	3.9%	33.0%
040130610461	Yes	100.0%	48.0%	37.0%	30.7%	1.3%	3.8%	0.0%	5.0%	11.2%
040130610462	Yes	100.0%	59.2%	65.0%	1.3%	0.0%	0.0%	0.0%	32.0%	7.5%
040130610463	Yes	100.0%	47.8%	26.1%	13.9%	0.0%	1.9%	1.2%	1.9%	33.2%
040130610471	No	100.0%	69.5%	27.3%	2.4%	1.0%	2.5%	0.0%	7.0%	17.6%
040130610472	Yes	100.0%	52.8%	42.8%	4.8%	0.0%	12.0%	0.0%	10.4%	20.0%
040130610481	No	100.0%	69.1%	26.4%	10.9%	0.2%	3.5%	0.0%	9.3%	7.0%
040130610482	No	100.0%	85.2%	25.3%	1.7%	0.0%	1.3%	0.0%	4.8%	7.1%
040130610491	Yes	100.0%	41.3%	37.1%	10.3%	2.4%	0.6%	0.0%	3.3%	42.2%
040130610492	Yes	100.0%	63.9%	49.7%	4.5%	0.0%	0.4%	0.0%	22.4%	8.7%
040130610501	Yes	100.0%	74.3%	46.2%	0.0%	0.0%	2.5%	0.0%	9.5%	13.7%
040130610502	Yes	100.0%	40.1%	55.2%	0.6%	11.2%	0.0%	0.0%	21.2%	27.0%
040130610503	Yes	100.0%	70.3%	41.0%	9.5%	1.1%	3.5%	3.9%	6.9%	4.9%
040130610511	Yes	100.0%	56.1%	60.2%	2.0%	0.0%	3.6%	0.0%	2.7%	35.7%
040130610512	Yes	100.0%	27.5%	63.9%	12.1%	0.0%	8.8%	0.0%	20.9%	30.6%
040130610521	Yes	100.0%	46.9%	63.6%	0.8%	0.0%	3.4%	0.0%	8.6%	40.4%
040130610522	Yes	100.0%	43.6%	41.5%	12.1%	0.0%	10.2%	0.0%	7.2%	26.9%
040130610523	Yes	100.0%	66.6%	37.4%	12.3%	0.0%	0.0%	0.0%	21.1%	0.0%
040130610531	Yes	100.0%	39.4%	44.0%	20.2%	10.0%	2.5%	0.0%	13.3%	14.6%
040130610532	Yes	100.0%	60.7%	34.2%	7.7%	0.0%	0.6%	0.2%	16.0%	14.8%
040130610533	No	100.0%	69.4%	32.2%	11.2%	2.6%	2.7%	0.0%	6.3%	7.9%
040130610541	No	100.0%	74.6%	12.6%	3.2%	11.8%	8.2%	0.0%	1.2%	1.0%
040130610542	No	100.0%	92.0%	1.4%	4.9%	0.0%	0.6%	0.0%	1.5%	1.0%
040130610543	Yes	100.0%	53.6%	29.3%	4.6%	0.7%	10.2%	0.0%	8.8%	22.1%
040130610551	Yes	100.0%	61.1%	28.9%	0.3%	9.4%	7.0%	0.0%	6.3%	15.9%
040130610552	No	100.0%	64.0%	26.5%	6.8%	0.0%	12.2%	0.0%	9.5%	7.6%
040130610561	No	100.0%	68.8%	22.0%	5.1%	0.0%	7.7%	0.0%	2.9%	15.5%
040130610571	Yes	100.0%	60.0%	40.3%	5.6%	0.0%	0.0%	0.0%	5.6%	28.9%
040130610572	Yes	100.0%	37.4%	62.6%	0.0%	0.0%	0.0%	0.0%	62.6%	0.0%
040130610573	Yes	100.0%	48.6%	68.3%	0.0%	0.0%	0.0%	0.0%	51.4%	0.0%
040130610574	No	100.0%	65.9%	27.2%	4.1%	1.4%	0.8%	0.0%	14.8%	13.0%
040130610581	Yes	100.0%	97.5%	77.2%	0.0%	0.0%	0.0%	0.0%	0.0%	2.5%
040130610582	Yes	100.0%	63.1%	35.5%	9.7%	3.5%	3.8%	0.0%	7.7%	12.2%
040130610591	No	100.0%	87.2%	11.3%	4.8%	0.0%	0.0%	0.0%	0.0%	8.0%
040130610592	No	100.0%	90.0%	25.3%	2.1%	0.0%	0.0%	0.0%	0.7%	7.3%
040130610601	No	100.0%	73.4%	21.6%	13.8%	0.0%	0.7%	0.0%	4.5%	7.5%
040130610611	No	100.0%	73.1%	26.3%	5.7%	0.0%	2.6%	0.0%	1.9%	16.6%
040130610612	No	100.0%	86.7%	15.1%	1.4%	0.0%	6.7%	0.0%	5.3%	0.0%
040130610621	No	100.0%	68.8%	29.2%	1.2%	0.0%	8.4%	0.0%	12.3%	9.3%
040130610622	No	100.0%	80.1%	16.5%	2.7%	14.1%	0.0%	0.0%	0.5%	2.5%
040130610623	No	100.0%	60.6%	23.3%	17.4%	0.0%	2.1%	0.0%	0.0%	19.9%
040130610631	Yes	100.0%	52.8%	49.2%	5.5%	0.0%	2.3%	4.3%	8.8%	26.3%
040130610641	No	100.0%	66.0%	27.9%	0.0%	0.0%	10.2%	0.0%	4.4%	19.3%
040130611001	Yes	100.0%	51.5%	28.4%	23.7%	0.0%	5.6%	2.8%	6.6%	9.7%
040130611002	No	100.0%	73.5%	22.3%	10.7%	6.5%	0.0%	0.0%	1.3%	8.1%
040130611003	No	100.0%	73.9%	15.4%	8.5%	0.0%	2.3%	0.0%	2.1%	13.2%
040130612001	Yes	100.0%	32.0%	84.7%	0.0%	0.0%	0.0%	0.0%	34.6%	33.4%
040130612002	No	100.0%	73.2%	36.2%	14.3%	1.5%	0.6%	0.0%	7.4%	3.0%
040130612003	Yes	100.0%	18.7%	91.8%	0.0%	1.9%	0.0%	0.0%	44.0%	35.5%
040130612004	No	100.0%	56.9%	19.6%	15.5%	0.0%	5.4%	0.0%	9.4%	12.9%
040130612005	Yes	100.0%	48.8%	97.1%	0.0%	0.0%	0.0%	0.0%	34.6%	16.6%
040130613001	Yes	100.0%	45.1%	68.4%	2.9%	0.3%	2.0%	0.3%	30.5%	18.8%
040130614011	Yes	100.0%	53.8%	77.2%	0.0%	0.0%	0.0%	0.0%	46.2%	0.0%
040130614012	Yes	100.0%	50.4%	70.9%	10.7%	2.8%	0.0%	0.0%	20.5%	15.6%

**TABLE 15: MINORITY PERCENTAGE BY CENSUS BLOCK GROUPS
(2022 ACS)**

GEO ID	Minority Above Average %?	Total Population	White	Hispanic or Latino	Black	American Indian	Asian	Native Hawaiian	Other	TwoRaces
040130614021	Yes	100.0%	37.5%	91.0%	2.9%	0.6%	0.0%	0.0%	18.2%	40.8%
040130614022	Yes	100.0%	28.7%	84.0%	9.1%	0.0%	0.0%	0.0%	39.4%	22.7%
040130614023	Yes	100.0%	47.1%	58.5%	19.4%	0.0%	0.4%	5.0%	22.6%	5.6%
040130715031	No	100.0%	80.0%	20.0%	0.0%	0.0%	0.0%	0.0%	0.0%	20.0%
040130715032	No	100.0%	100.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
040130715033	No	100.0%	98.3%	1.7%	1.7%	0.0%	0.0%	0.0%	0.0%	0.0%
040130715034	No	100.0%	92.9%	7.7%	2.1%	0.2%	1.1%	0.0%	0.0%	3.6%
040130715035	No	100.0%	92.0%	0.0%	8.0%	0.0%	0.0%	0.0%	0.0%	0.0%
040130715041	No	100.0%	100.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
040130715042	No	100.0%	92.1%	0.0%	3.7%	0.0%	1.7%	0.0%	1.5%	1.0%
040130715043	No	100.0%	95.2%	0.0%	0.0%	0.0%	0.0%	2.5%	0.0%	2.3%
040130715044	No	100.0%	100.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
040130715051	No	100.0%	76.7%	20.5%	1.5%	0.0%	0.0%	0.0%	1.4%	20.5%
040130715052	No	100.0%	88.4%	2.3%	2.7%	1.0%	3.9%	0.0%	0.0%	4.0%
040130715053	No	100.0%	91.4%	7.1%	0.0%	0.0%	1.5%	0.0%	5.6%	1.4%
040130715054	No	100.0%	91.4%	3.7%	1.9%	0.0%	1.3%	0.0%	2.2%	3.2%
040130715061	No	100.0%	96.3%	2.3%	0.0%	0.0%	0.0%	0.0%	0.0%	3.7%
040130715062	No	100.0%	95.0%	3.7%	2.1%	0.0%	0.0%	0.0%	0.3%	2.6%
040130715063	No	100.0%	96.9%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	3.1%
040130715064	No	100.0%	97.6%	2.3%	1.1%	0.0%	0.0%	0.0%	0.0%	1.3%
040130715091	No	100.0%	84.1%	10.3%	0.0%	0.0%	11.1%	0.0%	0.0%	4.7%
040130715092	No	100.0%	80.9%	13.8%	4.9%	0.0%	0.9%	0.0%	2.3%	11.0%
040130715093	No	100.0%	73.6%	32.3%	0.0%	6.4%	0.0%	0.0%	14.5%	5.4%
040130715094	No	100.0%	60.2%	11.0%	4.1%	0.0%	30.3%	0.0%	2.6%	2.8%
040130715095	No	100.0%	78.0%	23.2%	0.6%	0.0%	1.2%	0.0%	11.8%	8.4%
040130715101	No	100.0%	85.4%	14.7%	3.9%	0.4%	1.8%	0.0%	1.3%	7.2%
040130715102	No	100.0%	93.6%	28.2%	0.0%	0.0%	0.8%	1.0%	4.7%	0.0%
040130715103	No	100.0%	73.2%	26.7%	0.0%	1.9%	5.6%	0.0%	12.8%	6.5%
040130715111	No	100.0%	78.6%	18.3%	1.5%	0.0%	7.8%	0.0%	1.8%	10.4%
040130715112	No	100.0%	70.6%	21.1%	0.0%	0.0%	5.3%	0.0%	0.0%	24.1%
040130715121	No	100.0%	65.3%	28.0%	1.3%	0.0%	5.1%	0.0%	0.0%	28.3%
040130715122	No	100.0%	97.2%	23.4%	0.6%	0.0%	0.0%	0.0%	0.0%	2.2%
040130715123	Yes	100.0%	68.5%	35.3%	1.0%	0.0%	0.0%	0.0%	1.1%	29.4%
040130715124	No	100.0%	93.2%	6.2%	1.6%	3.4%	0.0%	0.0%	0.0%	1.8%
040130715131	No	100.0%	69.3%	19.7%	9.2%	0.0%	12.9%	0.0%	2.2%	6.5%
040130715132	No	100.0%	75.5%	16.3%	7.5%	0.0%	1.5%	0.0%	10.3%	5.2%
040130715141	No	100.0%	92.1%	9.8%	0.0%	0.0%	0.0%	0.0%	0.0%	7.9%
040130715142	No	100.0%	73.2%	23.8%	2.7%	0.7%	3.3%	0.0%	3.4%	16.7%
040130715143	No	100.0%	77.8%	16.2%	3.0%	0.0%	1.2%	0.0%	18.0%	0.0%
040130715151	No	100.0%	82.5%	25.9%	0.6%	4.2%	0.0%	0.0%	1.7%	10.9%
040130715152	No	100.0%	85.1%	9.8%	6.0%	1.8%	0.0%	1.9%	0.0%	5.3%
040130715153	No	100.0%	62.6%	3.2%	26.1%	0.0%	5.3%	0.0%	3.2%	2.8%
040130715154	No	100.0%	72.0%	17.9%	0.0%	0.0%	12.1%	0.0%	0.0%	15.9%
040130715161	No	100.0%	80.1%	29.5%	3.7%	1.6%	1.0%	0.0%	1.6%	12.1%
040130715162	No	100.0%	78.6%	11.6%	7.8%	1.4%	2.4%	0.0%	2.7%	7.2%
040130715171	No	100.0%	75.1%	20.0%	3.8%	0.0%	1.1%	0.0%	9.6%	10.4%
040130715172	No	100.0%	79.6%	13.4%	2.3%	0.0%	7.9%	0.0%	0.0%	10.2%
040130715173	Yes	100.0%	64.7%	29.7%	5.9%	0.2%	6.4%	0.0%	14.0%	8.8%
040130716001	Yes	100.0%	65.1%	32.2%	4.3%	1.2%	0.9%	0.0%	11.0%	17.6%
040130716002	Yes	100.0%	67.4%	67.3%	1.1%	2.2%	0.5%	0.0%	8.9%	19.9%
040130717011	No	100.0%	67.4%	30.2%	1.3%	0.3%	1.0%	1.8%	13.5%	14.7%
040130717021	No	100.0%	98.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	1.9%
040130717022	No	100.0%	81.7%	10.4%	0.0%	6.4%	0.0%	0.0%	6.7%	5.2%
040130717023	No	100.0%	90.2%	18.1%	3.2%	0.0%	0.0%	0.0%	0.0%	6.7%
040130717024	No	100.0%	94.4%	4.1%	0.0%	2.7%	0.0%	0.0%	1.4%	1.5%
040130717025	No	100.0%	68.6%	28.1%	3.4%	0.0%	0.0%	0.0%	0.0%	28.1%
040130718011	No	100.0%	93.2%	5.9%	2.3%	0.5%	0.0%	0.0%	0.0%	4.0%
040130718012	No	100.0%	97.2%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	2.8%
040130718013	No	100.0%	86.3%	9.6%	2.3%	0.0%	0.0%	0.0%	0.0%	11.4%
040130718014	No	100.0%	81.9%	9.9%	8.3%	0.0%	0.0%	0.0%	9.9%	0.0%
040130718015	No	100.0%	100.0%	5.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
040130718016	No	100.0%	94.0%	0.0%	0.0%	6.0%	0.0%	0.0%	0.0%	0.0%

**TABLE 15: MINORITY PERCENTAGE BY CENSUS BLOCK GROUPS
(2022 ACS)**

GEO ID	Minority Above Average %?	Total Population	White	Hispanic or Latino	Black	American Indian	Asian	Native Hawaiian	Other	TwoRaces
040130718021	No	100.0%	87.0%	1.5%	4.0%	4.1%	0.0%	0.0%	1.4%	3.5%
040130718022	No	100.0%	95.3%	2.3%	0.0%	0.0%	2.4%	0.0%	0.0%	2.3%
040130718023	No	100.0%	100.0%	12.3%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
040130718024	No	100.0%	83.4%	16.5%	0.0%	0.1%	0.0%	0.0%	12.5%	4.0%
040130719031	No	100.0%	94.0%	44.1%	0.0%	2.0%	0.0%	0.0%	4.0%	0.0%
040130719032	Yes	100.0%	62.4%	47.0%	0.0%	9.4%	9.9%	0.0%	5.3%	12.9%
040130719033	No	100.0%	68.9%	21.3%	1.4%	0.0%	1.8%	0.0%	17.5%	10.4%
040130719034	No	100.0%	80.0%	0.0%	0.0%	8.3%	0.0%	0.0%	0.0%	11.7%
040130719035	Yes	100.0%	45.1%	73.8%	0.0%	36.3%	0.0%	0.0%	18.6%	0.0%
040130719036	No	100.0%	71.5%	0.0%	0.0%	0.0%	10.5%	0.0%	7.9%	10.1%
040130719037	No	100.0%	84.4%	10.3%	8.0%	0.0%	0.0%	0.0%	0.0%	7.6%
040130719061	Yes	100.0%	58.8%	40.6%	13.7%	0.2%	2.1%	0.0%	8.4%	16.7%
040130719062	Yes	100.0%	61.8%	50.5%	1.7%	1.9%	2.6%	0.0%	16.2%	15.8%
040130719063	Yes	100.0%	58.7%	52.5%	9.0%	1.1%	1.7%	0.0%	17.1%	12.5%
040130719064	Yes	100.0%	71.5%	65.6%	2.2%	2.0%	11.0%	0.0%	13.4%	0.0%
040130719091	No	100.0%	79.3%	20.0%	3.9%	1.7%	1.6%	0.0%	6.2%	7.3%
040130719092	Yes	100.0%	59.5%	36.6%	3.5%	10.5%	12.5%	0.0%	6.6%	7.5%
040130719093	Yes	100.0%	57.2%	49.2%	5.6%	2.6%	1.8%	0.0%	26.2%	6.5%
040130719094	No	100.0%	89.9%	33.7%	0.0%	5.9%	0.0%	0.0%	0.0%	4.2%
040130719101	No	100.0%	68.0%	22.6%	0.0%	2.2%	11.5%	0.0%	10.5%	7.8%
040130719102	Yes	100.0%	62.8%	61.9%	13.6%	6.4%	0.0%	0.0%	15.6%	1.6%
040130719103	No	100.0%	95.0%	1.5%	2.3%	0.0%	0.0%	0.0%	0.0%	2.7%
040130719104	Yes	100.0%	31.1%	57.9%	1.3%	0.0%	5.0%	2.8%	40.5%	19.2%
040130719105	Yes	100.0%	68.3%	38.3%	2.2%	9.6%	4.6%	0.0%	3.2%	12.1%
040130719111	Yes	100.0%	56.6%	30.6%	9.5%	0.0%	7.0%	0.0%	9.0%	17.8%
040130719112	No	100.0%	70.5%	32.7%	1.1%	0.0%	13.1%	0.0%	10.0%	5.3%
040130719121	Yes	100.0%	75.7%	46.9%	3.8%	0.2%	0.0%	0.0%	18.7%	1.7%
040130719122	Yes	100.0%	59.0%	42.2%	7.0%	0.0%	1.9%	0.0%	8.0%	24.1%
040130719131	No	100.0%	69.4%	31.7%	0.5%	3.9%	6.6%	0.0%	6.2%	13.4%
040130719132	Yes	100.0%	44.2%	24.1%	21.3%	0.0%	0.0%	0.0%	7.0%	27.5%
040130719133	Yes	100.0%	52.6%	56.4%	0.0%	0.7%	0.9%	0.0%	15.7%	30.0%
040130719141	Yes	100.0%	35.8%	62.3%	9.5%	2.2%	0.0%	2.2%	8.1%	42.2%
040130719142	Yes	100.0%	51.9%	69.1%	0.0%	0.0%	0.0%	0.0%	29.8%	18.4%
040130719143	Yes	100.0%	60.8%	49.3%	3.0%	0.0%	6.5%	1.3%	10.6%	17.8%
040130719151	Yes	100.0%	66.3%	55.1%	2.5%	5.3%	0.0%	0.0%	22.2%	3.7%
040130719152	No	100.0%	68.8%	19.9%	7.8%	8.4%	0.9%	0.0%	0.0%	14.1%
040130719153	Yes	100.0%	50.4%	37.5%	7.7%	1.0%	2.9%	0.0%	11.8%	26.3%
040130820021	Yes	100.0%	40.5%	58.0%	14.3%	0.0%	0.0%	0.0%	17.5%	27.8%
040130820022	Yes	100.0%	68.2%	55.4%	11.5%	1.0%	4.8%	1.3%	1.3%	11.7%
040130820023	Yes	100.0%	61.5%	72.3%	0.0%	0.0%	0.0%	0.0%	3.1%	35.4%
040130820071	Yes	100.0%	59.4%	59.6%	11.3%	0.0%	0.4%	0.0%	5.6%	23.3%
040130820072	Yes	100.0%	58.6%	86.0%	1.7%	0.0%	0.6%	0.0%	6.9%	32.2%
040130820081	Yes	100.0%	42.5%	81.7%	2.2%	0.0%	0.0%	0.0%	16.1%	39.2%
040130820082	Yes	100.0%	41.9%	74.5%	0.0%	0.0%	3.4%	9.4%	5.5%	39.9%
040130820083	Yes	100.0%	49.2%	70.5%	2.4%	0.0%	0.6%	0.0%	20.7%	27.1%
040130820091	Yes	100.0%	46.2%	82.0%	7.1%	4.4%	0.0%	0.0%	11.8%	30.5%
040130820092	Yes	100.0%	62.9%	81.8%	0.2%	5.0%	0.0%	0.0%	10.1%	21.8%
040130820101	Yes	100.0%	55.9%	72.4%	4.5%	0.4%	0.0%	0.0%	30.0%	9.2%
040130820102	Yes	100.0%	29.7%	50.0%	28.1%	1.1%	0.0%	0.0%	6.4%	34.6%
040130820121	Yes	100.0%	51.7%	44.6%	5.3%	0.0%	4.3%	0.0%	13.9%	24.9%
040130820122	Yes	100.0%	54.6%	71.8%	3.1%	1.1%	3.9%	0.5%	10.9%	25.9%
040130820123	Yes	100.0%	43.1%	59.6%	11.9%	1.6%	0.3%	0.0%	20.9%	22.2%
040130820161	No	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
040130820162	Yes	100.0%	41.9%	55.3%	10.0%	0.5%	11.3%	0.0%	21.4%	14.9%
040130820171	Yes	100.0%	44.8%	51.5%	37.2%	2.1%	2.0%	0.0%	9.2%	4.7%
040130820172	No	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
040130820173	Yes	100.0%	33.7%	54.9%	23.4%	0.0%	6.2%	0.0%	13.2%	23.4%
040130820181	Yes	100.0%	38.4%	69.6%	3.9%	3.1%	6.1%	0.0%	22.4%	26.1%
040130820182	Yes	100.0%	35.8%	73.0%	15.7%	2.9%	1.9%	1.8%	25.0%	16.9%
040130820191	Yes	100.0%	57.7%	33.0%	13.9%	0.0%	3.8%	0.0%	5.9%	18.7%
040130820192	Yes	100.0%	46.9%	35.2%	6.8%	0.4%	22.0%	0.0%	10.0%	13.9%
040130820201	Yes	100.0%	54.1%	43.4%	6.8%	0.0%	4.4%	0.0%	26.0%	8.7%

**TABLE 15: MINORITY PERCENTAGE BY CENSUS BLOCK GROUPS
(2022 ACS)**

GEO ID	Minority Above Average %?	Total Population	White	Hispanic or Latino	Black	American Indian	Asian	Native Hawaiian	Other	TwoRaces
040130820202	Yes	100.0%	55.7%	33.9%	10.3%	0.0%	10.3%	0.0%	20.3%	3.3%
040130820211	Yes	100.0%	51.1%	42.1%	13.4%	0.8%	2.7%	0.0%	6.7%	25.3%
040130820212	Yes	100.0%	89.6%	54.8%	0.1%	0.2%	0.0%	0.0%	4.3%	5.8%
040130820221	Yes	100.0%	34.6%	55.1%	14.6%	0.0%	1.9%	0.6%	11.1%	37.1%
040130820222	Yes	100.0%	55.7%	51.6%	3.7%	9.7%	1.1%	0.0%	6.4%	23.5%
040130820231	Yes	100.0%	46.3%	46.9%	1.0%	4.7%	2.3%	0.0%	23.5%	22.3%
040130820232	Yes	100.0%	48.9%	53.6%	6.9%	3.6%	4.5%	0.5%	4.3%	31.3%
040130820233	Yes	100.0%	52.3%	37.5%	16.5%	0.0%	6.0%	0.0%	13.0%	12.2%
040130820241	Yes	100.0%	69.5%	58.0%	2.8%	0.0%	3.6%	0.0%	16.3%	7.8%
040130820242	Yes	100.0%	54.9%	49.2%	9.5%	1.3%	2.4%	0.0%	8.3%	23.5%
040130820251	Yes	100.0%	67.5%	47.8%	8.7%	0.0%	3.2%	0.0%	11.0%	9.6%
040130820261	Yes	100.0%	47.0%	39.5%	10.5%	0.8%	9.1%	0.0%	14.9%	17.7%
040130820262	Yes	100.0%	46.1%	48.3%	20.5%	0.0%	0.0%	0.0%	10.4%	23.0%
040130820263	Yes	100.0%	55.2%	42.8%	21.9%	2.9%	0.7%	0.0%	14.1%	5.2%
040130820271	Yes	100.0%	44.9%	58.2%	12.6%	1.2%	7.3%	0.0%	21.0%	12.9%
040130820272	Yes	100.0%	56.3%	52.2%	0.0%	25.5%	0.0%	0.0%	14.8%	3.5%
040130820273	Yes	100.0%	37.7%	37.2%	28.2%	0.9%	5.2%	0.0%	9.4%	18.7%
040130820281	Yes	100.0%	39.0%	85.6%	8.6%	1.3%	1.9%	0.0%	17.8%	31.4%
040130820282	Yes	100.0%	54.0%	89.4%	1.1%	4.3%	0.0%	0.4%	13.5%	26.7%
040130822041	Yes	100.0%	57.8%	73.6%	13.4%	0.2%	1.0%	0.0%	4.3%	23.2%
040130822042	Yes	100.0%	18.8%	43.3%	36.4%	5.3%	0.0%	0.0%	5.8%	33.7%
040130822043	Yes	100.0%	37.8%	67.4%	1.7%	3.5%	6.0%	0.0%	20.2%	30.9%
040130822051	Yes	100.0%	49.0%	66.3%	14.3%	1.4%	0.0%	0.0%	5.9%	29.4%
040130822052	Yes	100.0%	44.2%	75.0%	2.4%	0.0%	4.0%	0.0%	19.6%	29.7%
040130822053	Yes	100.0%	43.3%	71.3%	16.2%	4.1%	0.6%	0.0%	18.0%	17.8%
040130822061	Yes	100.0%	30.6%	64.0%	18.7%	0.0%	2.0%	0.0%	8.2%	40.5%
040130822062	Yes	100.0%	41.2%	74.1%	13.6%	0.0%	0.0%	0.0%	8.0%	37.2%
040130822063	Yes	100.0%	40.8%	78.4%	7.6%	0.0%	2.7%	0.2%	18.5%	30.2%
040130822071	Yes	100.0%	71.4%	78.2%	0.0%	0.3%	0.0%	0.0%	20.1%	8.1%
040130822072	Yes	100.0%	50.8%	61.1%	7.1%	0.9%	3.5%	0.0%	10.5%	27.2%
040130822081	Yes	100.0%	52.4%	84.3%	3.1%	11.0%	0.4%	0.0%	23.7%	9.5%
040130822082	Yes	100.0%	45.0%	54.3%	18.9%	1.7%	0.0%	0.0%	17.2%	17.1%
040130822083	Yes	100.0%	50.8%	78.3%	0.0%	0.0%	0.0%	0.0%	38.4%	10.8%
040130822091	Yes	100.0%	60.9%	77.4%	11.1%	0.0%	0.0%	0.0%	23.6%	4.5%
040130822092	Yes	100.0%	46.3%	98.7%	0.0%	0.0%	0.0%	0.0%	25.5%	28.3%
040130822101	Yes	100.0%	63.5%	70.4%	2.7%	2.5%	0.0%	0.0%	15.3%	16.0%
040130822102	Yes	100.0%	36.6%	42.8%	43.6%	0.0%	0.0%	0.0%	0.9%	18.9%
040130822103	Yes	100.0%	34.6%	62.2%	17.2%	2.1%	0.0%	0.0%	21.0%	25.1%
040130822111	Yes	100.0%	69.2%	60.7%	12.2%	0.0%	4.3%	0.0%	0.4%	13.9%
040130822112	Yes	100.0%	30.9%	70.8%	9.7%	1.4%	1.1%	0.0%	13.9%	43.0%
040130822113	Yes	100.0%	31.4%	73.6%	10.3%	0.0%	0.6%	0.0%	8.7%	49.0%
040130822114	Yes	100.0%	21.9%	36.6%	21.5%	0.0%	8.4%	2.9%	10.7%	34.7%
040130822121	Yes	100.0%	45.9%	69.0%	1.9%	0.6%	3.4%	0.0%	38.7%	9.4%
040130822122	Yes	100.0%	32.8%	82.8%	4.8%	1.7%	0.9%	0.0%	25.7%	34.2%
040130822131	Yes	100.0%	47.4%	78.4%	6.8%	0.0%	0.0%	0.0%	45.9%	0.0%
040130822132	Yes	100.0%	51.2%	65.8%	4.7%	0.0%	0.0%	0.0%	23.6%	20.5%
040130822133	Yes	100.0%	37.6%	87.2%	0.0%	0.0%	1.3%	0.0%	47.9%	13.2%
040130830001	Yes	100.0%	52.5%	61.4%	16.1%	1.3%	0.0%	0.0%	20.8%	9.2%
040130830002	Yes	100.0%	37.6%	98.8%	0.0%	0.0%	0.0%	0.0%	16.2%	46.2%
040130830003	No	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
040130830004	Yes	100.0%	41.7%	80.2%	0.0%	5.5%	0.0%	0.0%	4.6%	48.2%
040130830005	Yes	100.0%	44.0%	100.0%	0.0%	0.0%	0.0%	0.0%	32.0%	24.0%
040130923051	No	100.0%	81.2%	11.4%	1.5%	6.0%	3.8%	0.5%	1.0%	6.1%
040130923052	Yes	100.0%	40.3%	49.2%	5.8%	1.4%	10.6%	0.0%	5.7%	36.3%
040130923061	No	100.0%	63.9%	11.0%	13.0%	0.0%	6.4%	0.0%	0.0%	16.7%
040130923062	Yes	100.0%	52.1%	28.2%	6.2%	0.0%	1.6%	0.0%	14.8%	25.3%
040130923063	Yes	100.0%	54.0%	28.9%	0.0%	0.0%	11.5%	0.0%	18.5%	16.0%
040130923064	No	100.0%	89.1%	17.3%	3.3%	1.5%	0.7%	1.6%	0.0%	3.7%
040130923071	Yes	100.0%	57.5%	28.3%	30.6%	4.1%	3.2%	0.0%	0.0%	4.6%
040130923072	Yes	100.0%	20.0%	62.6%	4.1%	1.3%	18.9%	0.0%	41.9%	13.8%
040130923073	No	100.0%	86.1%	43.6%	3.1%	1.4%	2.3%	0.0%	1.5%	5.7%
040130923074	Yes	100.0%	55.4%	33.5%	7.9%	0.8%	0.0%	0.0%	16.8%	19.0%

**TABLE 15: MINORITY PERCENTAGE BY CENSUS BLOCK GROUPS
(2022 ACS)**

GEO ID	Minority Above Average %?	Total Population	White	Hispanic or Latino	Black	American Indian	Asian	Native Hawaiian	Other	TwoRaces
040130923081	Yes	100.0%	64.8%	35.1%	2.9%	0.0%	14.2%	0.0%	5.2%	12.9%
040130923082	Yes	100.0%	71.4%	46.2%	11.4%	0.0%	0.5%	0.0%	5.9%	10.7%
040130923083	Yes	100.0%	74.5%	40.9%	9.9%	0.0%	0.0%	1.9%	2.2%	11.5%
040130923084	Yes	100.0%	57.1%	58.0%	1.4%	0.0%	11.4%	0.0%	3.9%	26.2%
040130923091	Yes	100.0%	61.6%	30.4%	2.7%	0.8%	2.0%	0.0%	5.1%	27.8%
040130923092	Yes	100.0%	72.3%	37.4%	1.7%	3.3%	0.0%	0.0%	4.4%	18.4%
040130923093	Yes	100.0%	50.2%	26.7%	1.4%	0.8%	22.7%	0.0%	1.8%	23.1%
040130923094	Yes	100.0%	41.2%	42.7%	3.3%	0.0%	1.5%	0.0%	3.2%	50.8%
040130923111	Yes	100.0%	47.1%	34.3%	24.8%	3.1%	1.1%	0.0%	20.2%	3.6%
040130923112	Yes	100.0%	42.2%	46.4%	19.1%	11.8%	0.0%	0.0%	15.8%	11.1%
040130923121	Yes	100.0%	44.1%	22.8%	11.6%	0.0%	26.4%	0.0%	11.0%	6.9%
040130923122	No	100.0%	74.9%	19.3%	6.9%	2.8%	0.0%	0.0%	11.4%	4.0%
040130923123	Yes	100.0%	32.9%	13.7%	53.4%	0.0%	0.0%	0.0%	6.8%	6.9%
040130923124	No	100.0%	50.7%	15.2%	7.7%	0.0%	37.6%	0.0%	0.0%	4.0%
040130924011	No	100.0%	73.0%	28.6%	11.2%	7.6%	0.0%	0.0%	2.5%	5.8%
040130924012	Yes	100.0%	59.9%	40.5%	12.7%	0.0%	0.0%	0.0%	3.3%	24.1%
040130924013	Yes	100.0%	60.1%	62.6%	0.4%	1.0%	7.5%	0.0%	18.8%	12.1%
040130924021	No	100.0%	68.3%	31.6%	0.0%	0.1%	8.8%	0.0%	11.2%	11.6%
040130924022	Yes	100.0%	38.3%	33.0%	18.1%	0.0%	3.5%	0.0%	10.8%	29.2%
040130924023	Yes	100.0%	66.6%	39.4%	5.4%	0.0%	2.8%	0.0%	2.4%	22.8%
040130925001	Yes	100.0%	57.7%	23.5%	7.4%	2.4%	14.1%	0.0%	2.6%	15.7%
040130925002	Yes	100.0%	51.2%	57.7%	2.7%	0.0%	0.0%	0.0%	29.8%	16.4%
040130925003	Yes	100.0%	23.8%	73.8%	0.0%	0.0%	0.0%	0.0%	0.0%	76.2%
040130925004	Yes	100.0%	58.2%	63.9%	0.6%	0.0%	0.0%	0.0%	7.6%	33.6%
040130926001	Yes	100.0%	48.9%	25.1%	9.9%	1.2%	0.0%	0.0%	0.0%	40.0%
040130926002	Yes	100.0%	34.6%	71.9%	1.3%	1.6%	0.0%	0.0%	4.0%	58.4%
040130926003	Yes	100.0%	50.2%	53.1%	6.0%	9.2%	4.1%	0.0%	19.0%	11.6%
040130927051	Yes	100.0%	22.0%	68.5%	12.9%	3.2%	1.5%	0.0%	24.6%	35.8%
040130927052	Yes	100.0%	48.3%	49.9%	11.1%	1.5%	5.3%	0.0%	26.7%	7.1%
040130927081	Yes	100.0%	29.4%	13.6%	38.3%	0.0%	7.5%	0.0%	0.0%	24.8%
040130927082	Yes	100.0%	60.9%	34.3%	9.3%	1.2%	4.3%	0.0%	12.1%	12.2%
040130927091	Yes	100.0%	71.8%	39.9%	3.6%	0.2%	3.2%	0.0%	11.1%	10.2%
040130927092	Yes	100.0%	47.7%	34.0%	10.5%	0.0%	8.6%	0.0%	22.1%	11.1%
040130927093	No	100.0%	90.6%	35.0%	0.0%	0.0%	3.4%	0.0%	2.2%	3.8%
040130927101	Yes	100.0%	69.8%	59.2%	2.7%	0.9%	3.4%	0.0%	9.2%	14.0%
040130927102	Yes	100.0%	66.1%	49.9%	0.6%	0.0%	1.5%	0.4%	3.1%	28.3%
040130927111	Yes	100.0%	70.4%	49.5%	7.0%	0.0%	2.9%	0.0%	11.5%	8.1%
040130927112	Yes	100.0%	46.0%	49.8%	7.9%	0.0%	10.8%	2.0%	18.4%	14.9%
040130927121	Yes	100.0%	30.2%	42.1%	32.8%	2.6%	4.1%	0.0%	10.1%	20.2%
040130927122	Yes	100.0%	63.0%	51.2%	1.4%	2.5%	9.4%	0.0%	12.8%	10.9%
040130927131	Yes	100.0%	37.6%	57.5%	5.8%	0.6%	2.1%	0.0%	19.5%	34.4%
040130927132	Yes	100.0%	35.2%	77.9%	8.2%	0.0%	1.8%	0.0%	27.9%	26.8%
040130927151	Yes	100.0%	26.7%	76.6%	6.3%	0.0%	0.0%	0.0%	22.5%	44.4%
040130927152	Yes	100.0%	36.0%	56.9%	9.3%	0.0%	3.1%	0.0%	18.2%	33.4%
040130927153	Yes	100.0%	41.2%	74.3%	1.3%	1.1%	0.5%	0.0%	25.7%	30.1%
040130927161	Yes	100.0%	59.4%	59.1%	0.0%	2.2%	21.5%	0.0%	13.0%	3.9%
040130927162	Yes	100.0%	78.9%	70.8%	3.0%	5.2%	0.0%	0.0%	5.9%	7.0%
040130927163	Yes	100.0%	73.7%	59.2%	6.6%	3.7%	0.0%	0.0%	0.0%	16.0%
040130927171	Yes	100.0%	30.8%	55.0%	28.9%	0.0%	0.0%	0.0%	10.0%	30.3%
040130927172	Yes	100.0%	33.6%	54.7%	4.6%	6.3%	14.8%	0.0%	16.2%	24.7%
040130927181	Yes	100.0%	53.5%	60.2%	0.3%	17.8%	0.0%	0.0%	15.4%	13.0%
040130927182	Yes	100.0%	27.4%	70.9%	11.9%	0.1%	0.0%	0.0%	7.4%	53.2%
040130927191	Yes	100.0%	59.6%	45.6%	6.3%	3.5%	5.5%	0.0%	10.7%	14.4%
040130927192	Yes	100.0%	61.4%	55.7%	9.9%	0.0%	0.9%	0.0%	9.5%	18.4%
040130927201	Yes	100.0%	64.7%	45.4%	0.0%	21.4%	0.0%	0.0%	4.2%	9.7%
040130927202	Yes	100.0%	39.5%	64.2%	7.7%	0.3%	3.1%	0.0%	40.5%	8.9%
040130927203	No	100.0%	84.8%	33.9%	2.1%	0.0%	0.3%	0.0%	5.1%	7.7%
040130927204	Yes	100.0%	63.1%	38.0%	22.5%	1.0%	5.6%	0.0%	0.0%	7.8%
040130927211	Yes	100.0%	51.5%	35.1%	5.5%	0.0%	18.6%	0.0%	14.6%	9.8%
040130927212	Yes	100.0%	48.3%	37.3%	10.9%	0.4%	6.1%	0.0%	3.2%	31.1%
040130927231	Yes	100.0%	65.4%	42.4%	6.1%	1.3%	3.1%	0.2%	10.1%	13.7%
040130927232	Yes	100.0%	53.3%	36.4%	6.5%	0.0%	8.3%	0.5%	4.9%	26.6%

**TABLE 15: MINORITY PERCENTAGE BY CENSUS BLOCK GROUPS
(2022 ACS)**

GEO ID	Minority Above Average %?	Total Population	White	Hispanic or Latino	Black	American Indian	Asian	Native Hawaiian	Other	TwoRaces
040130927241	Yes	100.0%	58.1%	42.0%	0.7%	1.3%	0.0%	0.0%	35.2%	4.7%
040130927242	No	100.0%	64.7%	24.4%	3.4%	1.2%	0.0%	0.0%	6.6%	24.2%
040130927243	No	100.0%	99.1%	44.7%	0.0%	0.0%	0.9%	0.0%	0.0%	0.0%
040130928011	Yes	100.0%	34.5%	90.3%	0.0%	0.0%	0.0%	0.0%	12.4%	53.2%
040130928012	Yes	100.0%	61.7%	69.7%	25.6%	0.0%	0.0%	0.0%	2.3%	10.3%
040130928013	Yes	100.0%	38.0%	75.0%	4.8%	3.8%	2.7%	0.0%	11.8%	38.9%
040130928014	Yes	100.0%	20.3%	57.0%	2.5%	12.5%	0.0%	0.0%	7.4%	57.4%
040130928021	Yes	100.0%	59.5%	64.0%	11.0%	5.3%	1.3%	0.0%	4.7%	18.2%
040130928022	Yes	100.0%	44.0%	65.8%	18.1%	2.8%	2.7%	0.0%	2.7%	29.6%
040130928023	Yes	100.0%	34.7%	43.7%	0.2%	0.0%	0.0%	0.0%	13.9%	51.1%
040130928024	Yes	100.0%	50.1%	90.9%	0.0%	0.0%	0.0%	0.0%	17.1%	32.8%
040130929001	Yes	100.0%	44.7%	81.9%	12.4%	0.7%	0.0%	0.0%	23.0%	19.2%
040130929002	Yes	100.0%	45.5%	73.6%	4.4%	0.0%	1.9%	0.0%	24.5%	23.6%
040130930011	Yes	100.0%	32.9%	75.7%	10.4%	0.0%	0.0%	0.0%	8.0%	48.8%
040130930012	Yes	100.0%	54.1%	48.8%	3.7%	0.7%	13.0%	0.0%	22.2%	6.3%
040130930013	No	100.0%	55.6%	18.7%	16.9%	11.1%	0.0%	0.0%	7.5%	8.9%
040130930021	Yes	100.0%	95.5%	94.0%	0.0%	0.0%	0.0%	0.0%	4.5%	0.0%
040130930022	Yes	100.0%	39.2%	63.4%	11.2%	0.0%	0.0%	0.0%	13.8%	35.8%
040130930023	Yes	100.0%	46.1%	68.7%	4.7%	4.4%	0.0%	0.0%	20.1%	24.7%
040130931011	Yes	100.0%	39.0%	63.3%	4.1%	4.5%	0.0%	0.0%	42.7%	9.7%
040130931012	Yes	100.0%	65.2%	78.0%	2.8%	0.0%	3.5%	0.0%	12.0%	16.5%
040130931013	Yes	100.0%	8.5%	83.5%	1.9%	2.8%	1.3%	0.0%	25.0%	60.5%
040130931014	Yes	100.0%	39.7%	69.0%	11.0%	0.0%	0.0%	0.0%	6.2%	43.1%
040130931041	Yes	100.0%	25.0%	40.0%	31.2%	1.5%	2.8%	0.0%	2.7%	36.8%
040130931042	Yes	100.0%	34.9%	96.7%	0.0%	0.0%	0.0%	0.0%	11.6%	53.4%
040130931043	Yes	100.0%	44.9%	61.3%	21.7%	2.4%	0.0%	0.0%	6.2%	24.9%
040130931044	Yes	100.0%	27.2%	45.8%	39.9%	0.0%	0.0%	0.0%	19.9%	13.1%
040130931051	Yes	100.0%	36.9%	69.9%	3.4%	0.0%	0.0%	0.0%	33.8%	25.9%
040130931052	Yes	100.0%	24.1%	49.5%	22.1%	12.7%	0.0%	0.0%	32.8%	8.4%
040130931053	Yes	100.0%	45.2%	62.3%	9.9%	0.0%	0.2%	0.0%	4.3%	40.4%
040130931054	Yes	100.0%	43.7%	92.1%	23.1%	0.0%	0.0%	0.0%	8.2%	25.0%
040130931061	Yes	100.0%	44.0%	66.0%	0.0%	2.3%	0.0%	0.0%	9.2%	44.5%
040130931062	Yes	100.0%	59.3%	87.3%	2.5%	1.2%	0.0%	0.0%	16.4%	20.6%
040130931063	Yes	100.0%	27.2%	75.3%	5.1%	0.0%	0.0%	0.0%	11.3%	56.5%
040130932001	No	100.0%	53.7%	12.0%	31.7%	1.6%	3.6%	0.0%	0.0%	9.4%
040130932002	Yes	100.0%	64.1%	35.9%	0.0%	0.0%	0.0%	0.0%	12.7%	23.2%
040130932003	Yes	100.0%	37.2%	59.6%	10.1%	2.5%	9.0%	0.0%	27.5%	13.7%
040131032051	No	100.0%	91.6%	8.8%	0.6%	0.3%	0.0%	0.0%	0.4%	7.2%
040131032052	No	100.0%	84.3%	6.6%	0.0%	0.6%	7.2%	0.0%	3.0%	4.9%
040131032061	No	100.0%	90.6%	2.8%	0.8%	0.5%	1.0%	0.0%	1.4%	5.8%
040131032062	No	100.0%	87.5%	19.8%	0.0%	0.1%	0.7%	0.5%	0.0%	11.2%
040131032071	No	100.0%	74.6%	17.1%	1.3%	0.0%	3.6%	0.0%	3.9%	16.6%
040131032072	No	100.0%	85.0%	8.7%	0.0%	2.3%	1.8%	0.0%	1.5%	9.4%
040131032081	No	100.0%	94.4%	1.7%	0.3%	0.0%	5.3%	0.0%	0.0%	0.0%
040131032082	No	100.0%	93.7%	7.3%	2.5%	0.0%	0.0%	0.0%	0.0%	3.8%
040131032083	No	100.0%	91.0%	6.0%	6.0%	0.0%	0.0%	0.0%	0.0%	3.1%
040131032091	No	100.0%	94.5%	0.0%	0.0%	0.0%	5.5%	0.0%	0.0%	0.0%
040131032092	No	100.0%	91.6%	8.4%	0.0%	0.0%	0.0%	0.0%	0.0%	8.4%
040131032093	No	100.0%	84.4%	8.9%	0.0%	1.6%	2.4%	0.0%	7.6%	4.0%
040131032094	No	100.0%	89.2%	6.5%	1.4%	0.0%	0.0%	0.0%	0.7%	8.7%
040131032101	Yes	100.0%	57.7%	28.2%	0.0%	5.0%	13.3%	0.0%	8.3%	15.7%
040131032102	No	100.0%	67.8%	14.0%	6.4%	0.0%	5.7%	0.0%	2.4%	17.8%
040131032103	No	100.0%	92.9%	31.0%	1.1%	3.3%	0.0%	0.0%	2.6%	0.0%
040131032104	No	100.0%	84.1%	15.3%	3.5%	0.0%	0.0%	0.0%	12.5%	0.0%
040131032105	No	100.0%	74.9%	8.4%	11.6%	0.0%	2.5%	0.0%	3.6%	7.5%
040131032111	No	100.0%	85.2%	12.2%	2.1%	0.0%	3.2%	0.0%	0.7%	8.9%
040131032112	No	100.0%	72.8%	13.2%	2.0%	0.0%	2.7%	0.0%	1.3%	21.2%
040131032113	No	100.0%	83.4%	13.3%	1.7%	0.3%	1.0%	0.0%	1.5%	12.1%
040131032121	No	100.0%	95.3%	4.2%	0.0%	0.7%	0.4%	0.0%	0.7%	2.9%
040131032122	No	100.0%	89.7%	13.0%	0.0%	0.0%	0.5%	0.0%	7.5%	2.2%
040131032123	No	100.0%	79.3%	13.6%	0.0%	0.0%	0.7%	0.0%	0.0%	20.0%
040131032141	No	100.0%	72.5%	13.6%	4.1%	0.0%	8.2%	0.0%	2.0%	13.3%

**TABLE 15: MINORITY PERCENTAGE BY CENSUS BLOCK GROUPS
(2022 ACS)**

GEO ID	Minority Above Average %?	Total Population	White	Hispanic or Latino	Black	American Indian	Asian	Native Hawaiian	Other	TwoRaces
040131032142	No	100.0%	86.2%	7.8%	1.5%	0.0%	1.7%	0.0%	0.0%	10.5%
040131032143	No	100.0%	85.3%	11.1%	0.9%	0.9%	7.6%	0.0%	0.0%	5.2%
040131032151	No	100.0%	90.9%	10.6%	1.9%	2.3%	0.0%	0.0%	2.1%	2.9%
040131032152	No	100.0%	74.4%	16.9%	0.0%	0.0%	3.8%	0.0%	13.7%	8.2%
040131032161	No	100.0%	86.0%	3.2%	1.1%	0.0%	0.0%	0.0%	2.7%	10.2%
040131032162	No	100.0%	99.4%	5.2%	0.6%	0.0%	0.0%	0.0%	0.0%	0.0%
040131032163	No	100.0%	86.9%	3.8%	1.6%	0.0%	8.5%	0.0%	0.0%	3.0%
040131032164	No	100.0%	65.0%	29.1%	5.4%	0.0%	10.8%	0.0%	13.4%	5.4%
040131032171	No	100.0%	69.4%	5.2%	1.9%	3.5%	12.8%	0.0%	0.0%	12.5%
040131032172	No	100.0%	80.6%	11.9%	0.0%	0.0%	9.6%	0.0%	0.0%	9.8%
040131032173	No	100.0%	76.2%	15.5%	0.0%	0.0%	6.1%	0.0%	5.0%	12.7%
040131032174	Yes	100.0%	46.1%	12.2%	3.2%	0.6%	39.6%	0.0%	6.2%	4.3%
040131032191	No	100.0%	89.6%	3.3%	1.2%	0.0%	3.0%	0.0%	0.5%	5.7%
040131032192	No	100.0%	85.0%	13.7%	0.0%	0.0%	5.2%	0.0%	4.2%	5.6%
040131032193	No	100.0%	84.1%	13.4%	0.0%	0.0%	9.6%	0.0%	0.0%	6.3%
040131032201	No	100.0%	80.8%	7.6%	3.0%	0.5%	8.4%	0.0%	0.0%	7.2%
040131032202	No	100.0%	90.9%	1.8%	0.0%	0.0%	3.5%	0.0%	1.3%	4.3%
040131032203	No	100.0%	54.1%	13.5%	8.6%	0.0%	20.6%	0.0%	4.7%	12.0%
040131033021	Yes	100.0%	73.9%	68.2%	0.9%	0.0%	0.0%	0.0%	13.7%	11.5%
040131033022	No	100.0%	90.0%	5.7%	1.0%	0.0%	3.5%	0.0%	1.6%	3.9%
040131033023	No	100.0%	83.6%	0.0%	16.4%	0.0%	0.0%	0.0%	0.0%	0.0%
040131033024	Yes	100.0%	55.8%	61.6%	0.0%	0.0%	0.0%	0.0%	0.0%	44.2%
040131033025	No	100.0%	72.7%	16.7%	0.0%	18.3%	9.0%	0.0%	0.0%	0.0%
040131033031	No	100.0%	73.8%	26.1%	0.7%	7.3%	8.4%	0.1%	4.5%	5.3%
040131033032	No	100.0%	85.9%	14.9%	0.8%	0.0%	0.0%	0.0%	8.4%	4.9%
040131033033	No	100.0%	86.8%	8.5%	1.9%	0.0%	11.3%	0.0%	0.0%	0.0%
040131033041	Yes	100.0%	41.7%	57.5%	15.8%	4.9%	1.9%	0.0%	16.6%	18.9%
040131033042	Yes	100.0%	40.1%	67.8%	3.3%	0.9%	0.8%	0.0%	40.4%	14.7%
040131033043	Yes	100.0%	48.9%	57.2%	8.6%	1.4%	9.0%	0.0%	11.8%	20.4%
040131033051	Yes	100.0%	43.6%	60.3%	5.3%	0.3%	4.3%	0.0%	26.2%	20.3%
040131033052	Yes	100.0%	34.1%	83.8%	0.0%	0.6%	0.0%	0.0%	14.4%	50.9%
040131033061	Yes	100.0%	43.4%	76.1%	2.5%	0.0%	1.4%	0.0%	2.0%	50.8%
040131033062	Yes	100.0%	66.4%	47.5%	11.4%	4.4%	1.4%	0.0%	6.8%	9.7%
040131034001	No	100.0%	80.4%	9.9%	3.4%	2.9%	2.4%	0.0%	0.0%	10.9%
040131034002	No	100.0%	82.4%	26.7%	0.0%	0.0%	0.0%	0.0%	1.4%	16.2%
040131034003	No	100.0%	76.0%	0.0%	0.2%	4.7%	1.4%	13.3%	0.0%	4.3%
040131034004	No	100.0%	87.7%	5.0%	0.1%	0.0%	0.0%	0.0%	0.0%	12.1%
040131035011	No	100.0%	66.6%	24.5%	3.3%	12.5%	2.2%	0.0%	7.8%	7.6%
040131035012	No	100.0%	78.0%	5.4%	10.8%	0.0%	0.0%	4.5%	0.0%	6.6%
040131035013	No	100.0%	95.0%	2.1%	0.1%	0.1%	1.1%	0.0%	2.5%	1.1%
040131035021	Yes	100.0%	52.2%	29.5%	7.5%	0.0%	0.0%	0.0%	24.7%	15.5%
040131035022	No	100.0%	77.6%	6.6%	0.0%	0.0%	2.2%	0.0%	2.8%	17.4%
040131035023	No	100.0%	78.6%	35.0%	0.0%	0.0%	0.0%	0.0%	4.7%	16.7%
040131035024	No	100.0%	96.0%	6.7%	1.4%	0.0%	0.0%	1.5%	0.0%	1.0%
040131035025	No	100.0%	66.8%	17.5%	0.0%	4.6%	0.0%	8.3%	0.0%	20.2%
040131036041	Yes	100.0%	49.7%	68.6%	0.0%	0.7%	0.7%	0.0%	34.4%	14.4%
040131036042	No	100.0%	81.6%	7.9%	2.6%	0.0%	10.1%	0.8%	3.2%	1.7%
040131036043	No	100.0%	69.7%	11.4%	7.2%	0.0%	14.1%	0.0%	2.8%	6.2%
040131036051	No	100.0%	77.5%	3.5%	0.4%	0.0%	8.9%	0.0%	0.0%	13.3%
040131036052	No	100.0%	92.1%	11.2%	0.0%	0.0%	4.2%	0.0%	0.0%	3.7%
040131036053	No	100.0%	87.9%	3.3%	6.6%	0.0%	1.5%	2.0%	0.0%	2.0%
040131036054	No	100.0%	85.1%	2.5%	10.5%	0.0%	0.0%	0.0%	0.0%	4.4%
040131036061	No	100.0%	83.8%	9.4%	0.0%	2.7%	4.8%	0.0%	2.9%	5.8%
040131036062	No	100.0%	77.3%	13.4%	0.0%	2.1%	0.2%	0.0%	6.2%	14.1%
040131036063	No	100.0%	87.4%	8.3%	2.4%	0.0%	3.7%	0.0%	0.9%	5.5%
040131036071	No	100.0%	66.2%	19.1%	2.5%	0.0%	3.1%	0.0%	9.2%	19.0%
040131036072	No	100.0%	79.3%	20.3%	1.1%	0.6%	0.7%	0.0%	1.3%	17.0%
040131036073	No	100.0%	82.5%	6.3%	1.3%	0.0%	11.5%	0.0%	0.0%	4.7%
040131036074	No	100.0%	95.0%	4.6%	2.2%	0.5%	0.0%	0.0%	0.0%	2.3%
040131036081	Yes	100.0%	53.1%	27.4%	7.0%	0.0%	24.5%	0.0%	5.5%	9.8%
040131036082	No	100.0%	77.8%	28.6%	8.8%	0.0%	0.7%	0.0%	4.0%	8.7%
040131036091	Yes	100.0%	66.7%	42.0%	17.2%	0.0%	2.0%	0.0%	6.7%	7.4%

**TABLE 15: MINORITY PERCENTAGE BY CENSUS BLOCK GROUPS
(2022 ACS)**

GEO ID	Minority Above Average %?	Total Population	White	Hispanic or Latino	Black	American Indian	Asian	Native Hawaiian	Other	TwoRaces
040131036092	No	100.0%	70.2%	17.3%	5.9%	0.9%	3.6%	0.0%	0.0%	19.3%
040131036093	No	100.0%	54.3%	15.9%	29.0%	0.0%	3.8%	0.0%	2.7%	10.2%
040131036094	No	100.0%	53.8%	9.8%	3.8%	7.0%	16.5%	0.0%	1.4%	17.4%
040131036111	No	100.0%	84.5%	8.0%	4.8%	0.3%	0.0%	3.1%	2.9%	4.4%
040131036112	No	100.0%	83.8%	18.1%	0.1%	1.5%	1.3%	0.0%	5.2%	8.0%
040131036113	No	100.0%	91.6%	11.6%	1.9%	0.4%	0.0%	0.0%	0.0%	6.1%
040131036121	No	100.0%	73.2%	9.4%	9.9%	2.5%	1.9%	0.0%	6.7%	5.8%
040131036122	No	100.0%	86.7%	3.0%	4.9%	0.0%	3.8%	0.0%	1.5%	3.1%
040131036123	No	100.0%	77.7%	15.8%	14.8%	0.0%	0.0%	0.0%	5.0%	2.5%
040131036124	No	100.0%	59.5%	1.0%	29.6%	0.0%	8.2%	0.0%	1.0%	1.7%
040131036141	No	100.0%	69.9%	18.9%	5.7%	1.4%	3.8%	0.0%	8.4%	10.8%
040131036142	No	100.0%	93.5%	7.8%	0.0%	0.0%	0.0%	0.0%	0.0%	6.5%
040131036151	No	100.0%	88.2%	35.8%	10.8%	0.0%	0.0%	0.0%	0.0%	1.0%
040131036152	Yes	100.0%	50.2%	56.5%	14.0%	2.1%	0.8%	0.0%	9.4%	23.5%
040131036153	Yes	100.0%	35.6%	55.2%	40.1%	0.7%	0.0%	0.0%	14.9%	8.7%
040131037011	Yes	100.0%	71.8%	48.3%	1.7%	1.4%	1.6%	0.0%	23.5%	0.0%
040131037012	No	100.0%	69.9%	15.7%	10.5%	0.0%	13.3%	0.0%	0.0%	6.2%
040131037013	Yes	100.0%	48.3%	48.5%	3.0%	24.9%	0.9%	0.0%	6.3%	16.5%
040131037021	Yes	100.0%	61.8%	35.4%	0.0%	18.4%	2.1%	0.0%	0.0%	17.7%
040131037022	No	100.0%	79.4%	13.7%	3.8%	0.0%	4.2%	0.0%	1.6%	11.1%
040131037023	No	100.0%	75.8%	3.3%	4.4%	7.8%	2.4%	1.4%	2.0%	6.3%
040131039001	No	100.0%	74.4%	5.6%	0.0%	0.0%	3.1%	0.0%	0.0%	22.4%
040131039002	Yes	100.0%	57.1%	37.6%	11.1%	0.0%	2.1%	0.0%	11.4%	18.2%
040131039003	Yes	100.0%	60.3%	33.1%	0.0%	1.9%	2.0%	0.0%	22.2%	13.5%
040131039004	No	100.0%	64.8%	14.7%	25.1%	0.0%	2.0%	0.0%	1.2%	7.0%
040131040001	Yes	100.0%	70.4%	36.3%	8.3%	0.0%	0.0%	0.0%	3.0%	18.4%
040131040002	Yes	100.0%	42.0%	23.2%	27.0%	0.0%	5.6%	0.0%	14.1%	11.3%
040131040003	Yes	100.0%	62.6%	39.2%	1.3%	7.6%	6.5%	2.0%	0.0%	20.0%
040131040004	Yes	100.0%	72.8%	41.8%	2.7%	0.0%	2.1%	0.0%	14.3%	8.1%
040131041001	Yes	100.0%	61.9%	42.3%	9.6%	14.4%	0.0%	0.0%	9.3%	4.7%
040131041002	No	100.0%	62.4%	21.6%	1.5%	0.0%	20.7%	0.0%	8.1%	7.3%
040131041003	No	100.0%	66.8%	28.7%	0.6%	0.8%	0.5%	0.0%	7.7%	23.6%
040131041004	Yes	100.0%	46.9%	45.5%	2.5%	1.4%	2.6%	0.0%	1.1%	45.5%
040131042021	No	100.0%	79.8%	16.3%	0.8%	0.0%	11.8%	0.0%	0.3%	7.3%
040131042022	No	100.0%	81.3%	36.8%	2.1%	0.0%	6.5%	0.0%	5.2%	4.9%
040131042023	No	100.0%	81.0%	25.9%	5.7%	1.1%	0.0%	0.3%	10.1%	1.8%
040131042031	Yes	100.0%	51.9%	46.7%	0.0%	2.9%	0.0%	0.0%	13.3%	31.9%
040131042032	Yes	100.0%	49.4%	60.7%	3.4%	0.0%	1.5%	0.0%	0.5%	45.3%
040131042033	Yes	100.0%	54.4%	37.8%	1.6%	0.0%	0.0%	0.0%	44.1%	0.0%
040131042034	No	100.0%	90.9%	10.3%	0.0%	0.0%	9.1%	0.0%	0.0%	0.0%
040131042035	No	100.0%	76.7%	38.7%	0.6%	0.0%	0.0%	0.0%	3.7%	18.9%
040131042041	Yes	100.0%	66.5%	40.5%	3.5%	0.0%	0.8%	0.0%	0.0%	29.2%
040131042042	No	100.0%	88.1%	21.4%	0.5%	0.0%	0.0%	0.0%	11.4%	0.0%
040131042051	No	100.0%	84.4%	24.3%	0.0%	0.0%	1.2%	0.0%	5.8%	8.5%
040131042052	Yes	100.0%	50.7%	33.6%	15.5%	0.0%	1.2%	1.2%	4.3%	27.2%
040131042053	Yes	100.0%	50.9%	57.4%	0.0%	4.3%	0.0%	0.0%	10.0%	34.8%
040131042054	Yes	100.0%	28.9%	21.6%	11.1%	6.8%	35.3%	0.0%	2.2%	15.8%
040131042061	Yes	100.0%	61.1%	52.2%	2.3%	1.5%	0.0%	0.0%	11.7%	23.4%
040131042062	Yes	100.0%	56.8%	55.3%	4.8%	21.9%	1.9%	0.0%	3.8%	10.8%
040131042063	No	100.0%	74.2%	22.6%	5.2%	2.3%	12.0%	0.0%	4.3%	2.0%
040131042071	No	100.0%	87.6%	10.1%	0.7%	0.0%	1.4%	0.0%	3.6%	6.8%
040131042072	No	100.0%	78.0%	14.7%	0.2%	0.0%	14.6%	0.0%	2.7%	4.5%
040131042073	No	100.0%	84.3%	15.1%	5.0%	2.5%	0.0%	0.0%	7.6%	0.6%
040131042121	No	100.0%	84.4%	13.2%	7.2%	0.0%	3.9%	0.0%	4.5%	0.0%
040131042122	Yes	100.0%	48.0%	49.7%	1.2%	0.0%	1.2%	0.0%	18.9%	30.8%
040131042123	No	100.0%	61.0%	10.4%	1.3%	4.7%	23.0%	0.0%	4.1%	5.8%
040131042124	Yes	100.0%	62.9%	35.9%	0.0%	0.3%	0.0%	0.0%	3.9%	32.9%
040131042141	No	100.0%	87.7%	17.0%	0.0%	0.3%	2.8%	0.0%	5.8%	3.4%
040131042142	No	100.0%	80.1%	15.2%	0.0%	1.1%	0.7%	0.0%	2.8%	15.4%
040131042151	No	100.0%	75.6%	8.9%	0.0%	0.0%	0.0%	0.0%	8.9%	15.5%
040131042152	No	100.0%	75.6%	0.0%	14.6%	0.0%	0.0%	0.0%	0.0%	9.8%
040131042153	No	100.0%	83.2%	20.8%	0.0%	1.5%	0.0%	0.0%	9.2%	6.2%

**TABLE 15: MINORITY PERCENTAGE BY CENSUS BLOCK GROUPS
(2022 ACS)**

GEO ID	Minority Above Average %?	Total Population	White	Hispanic or Latino	Black	American Indian	Asian	Native Hawaiian	Other	TwoRaces
040131042154	No	100.0%	64.3%	1.0%	0.9%	0.0%	6.0%	0.0%	1.0%	27.9%
040131042155	No	100.0%	75.7%	25.8%	0.0%	15.7%	4.3%	0.0%	0.9%	3.4%
040131042161	No	100.0%	63.8%	24.1%	5.2%	14.7%	0.0%	0.0%	11.4%	5.0%
040131042162	No	100.0%	88.4%	8.6%	6.3%	0.0%	3.2%	0.0%	0.4%	1.7%
040131042163	No	100.0%	89.5%	13.9%	1.9%	0.0%	1.4%	0.0%	1.7%	5.5%
040131042171	Yes	100.0%	63.8%	45.9%	0.0%	0.0%	3.8%	0.0%	0.5%	31.9%
040131042172	No	100.0%	67.1%	26.8%	2.3%	0.1%	8.4%	0.0%	6.4%	15.7%
040131042173	No	100.0%	91.3%	14.4%	0.9%	3.5%	1.1%	0.0%	1.0%	2.2%
040131042181	No	100.0%	70.9%	22.6%	0.0%	1.0%	11.2%	0.0%	0.0%	17.0%
040131042182	No	100.0%	84.2%	24.6%	0.1%	0.2%	0.0%	0.0%	7.7%	7.7%
040131042183	Yes	100.0%	75.0%	45.5%	0.7%	2.2%	0.4%	0.0%	4.0%	17.8%
040131042191	No	100.0%	81.4%	16.6%	7.2%	1.6%	1.3%	0.4%	4.2%	3.9%
040131042192	No	100.0%	84.6%	24.7%	2.6%	0.9%	0.7%	0.0%	1.4%	9.8%
040131042211	Yes	100.0%	38.7%	54.0%	2.4%	17.8%	5.5%	0.0%	17.8%	17.8%
040131042212	No	100.0%	77.6%	19.4%	1.0%	1.4%	5.0%	0.0%	9.4%	5.6%
040131042213	No	100.0%	88.9%	13.8%	2.8%	0.0%	4.4%	0.0%	0.0%	3.9%
040131042214	No	100.0%	91.8%	16.8%	2.2%	0.5%	3.5%	0.0%	0.1%	2.0%
040131042221	No	100.0%	67.9%	19.8%	0.0%	0.0%	4.8%	0.0%	5.6%	21.7%
040131042222	No	100.0%	87.7%	26.1%	3.2%	0.0%	2.0%	0.0%	4.1%	3.0%
040131042223	Yes	100.0%	52.9%	50.5%	0.3%	0.0%	3.6%	0.0%	10.1%	33.2%
040131042224	Yes	100.0%	49.0%	31.4%	13.1%	0.0%	6.2%	0.0%	1.6%	30.2%
040131042231	No	100.0%	62.8%	27.5%	0.4%	1.9%	1.2%	0.0%	7.4%	26.3%
040131042232	No	100.0%	70.4%	19.1%	0.0%	0.0%	1.9%	0.0%	16.6%	11.2%
040131042241	No	100.0%	60.8%	11.4%	32.9%	1.5%	4.8%	0.0%	0.0%	0.0%
040131042242	No	100.0%	80.7%	27.8%	0.0%	0.1%	3.6%	0.0%	7.7%	8.0%
040131042243	Yes	100.0%	57.4%	33.8%	8.4%	1.8%	2.6%	0.0%	17.7%	12.1%
040131042244	No	100.0%	88.3%	23.6%	0.0%	0.0%	0.2%	0.0%	0.0%	11.5%
040131042251	No	100.0%	82.5%	20.1%	1.3%	0.6%	0.0%	0.0%	0.0%	15.7%
040131042252	No	100.0%	85.1%	20.3%	0.0%	0.0%	2.8%	0.0%	5.3%	6.8%
040131042253	No	100.0%	90.1%	1.6%	0.0%	0.0%	8.3%	0.0%	1.6%	0.0%
040131042261	No	100.0%	76.4%	17.6%	14.3%	0.0%	0.0%	0.0%	1.1%	8.2%
040131042262	No	100.0%	86.9%	18.5%	0.0%	0.6%	0.0%	0.0%	10.8%	1.8%
040131042263	No	100.0%	83.0%	7.2%	0.0%	10.0%	0.0%	0.0%	1.9%	5.1%
040131042264	No	100.0%	87.9%	30.9%	0.0%	0.0%	0.9%	0.0%	0.0%	11.2%
040131042271	No	100.0%	83.3%	10.8%	1.8%	0.0%	2.1%	0.0%	9.7%	3.1%
040131042272	Yes	100.0%	53.5%	48.6%	3.4%	0.0%	1.0%	1.3%	7.8%	33.1%
040131043011	Yes	100.0%	75.4%	57.7%	1.6%	0.0%	1.2%	0.5%	6.9%	14.3%
040131043012	No	100.0%	85.8%	23.6%	0.5%	1.3%	1.5%	0.0%	1.1%	9.9%
040131043021	No	100.0%	78.2%	27.7%	6.4%	0.0%	2.3%	0.0%	8.2%	4.8%
040131043022	Yes	100.0%	44.7%	25.6%	17.8%	13.1%	1.2%	1.1%	6.6%	15.6%
040131044011	Yes	100.0%	51.7%	63.8%	0.0%	17.1%	0.0%	0.0%	2.8%	28.3%
040131044012	Yes	100.0%	55.1%	41.0%	1.4%	9.5%	0.0%	0.0%	28.5%	5.5%
040131044013	No	100.0%	85.1%	8.2%	14.2%	0.7%	0.0%	0.0%	0.0%	0.0%
040131044021	No	100.0%	88.5%	13.4%	0.0%	7.3%	2.0%	0.0%	0.0%	2.2%
040131044022	Yes	100.0%	9.9%	20.2%	45.0%	0.0%	22.0%	1.4%	7.0%	14.7%
040131045011	Yes	100.0%	60.6%	56.7%	5.9%	6.0%	0.0%	0.0%	15.8%	11.7%
040131045012	Yes	100.0%	39.2%	52.5%	14.5%	3.6%	0.0%	0.6%	17.8%	24.4%
040131045013	Yes	100.0%	45.1%	48.4%	6.8%	2.4%	3.2%	0.0%	3.8%	38.8%
040131045021	Yes	100.0%	63.5%	48.6%	4.8%	2.1%	0.0%	0.0%	11.9%	17.6%
040131045022	Yes	100.0%	48.8%	51.2%	6.7%	10.0%	0.0%	0.0%	17.5%	17.0%
040131045023	Yes	100.0%	33.1%	52.0%	24.6%	2.6%	0.9%	0.0%	24.7%	14.0%
040131046001	No	100.0%	62.8%	11.4%	15.0%	10.1%	2.0%	0.0%	0.8%	9.3%
040131046002	Yes	100.0%	49.7%	52.2%	5.2%	1.6%	0.7%	0.0%	23.9%	19.0%
040131046003	Yes	100.0%	44.9%	56.2%	0.0%	2.1%	0.7%	0.0%	4.7%	47.6%
040131047011	Yes	100.0%	63.8%	64.6%	6.5%	3.5%	0.0%	0.0%	22.9%	3.3%
040131047012	No	100.0%	91.6%	5.6%	1.2%	0.0%	2.9%	0.0%	0.0%	4.3%
040131047013	No	100.0%	88.4%	7.8%	4.0%	2.6%	0.0%	1.2%	1.9%	1.9%
040131047021	Yes	100.0%	65.4%	53.3%	2.3%	14.2%	0.0%	4.4%	12.4%	1.3%
040131047022	Yes	100.0%	45.9%	52.7%	0.0%	1.2%	0.0%	3.0%	14.3%	35.6%
040131047023	Yes	100.0%	52.8%	45.1%	6.5%	8.2%	0.0%	0.0%	14.6%	17.9%
040131047024	No	100.0%	81.0%	6.8%	6.3%	0.0%	0.0%	0.0%	0.0%	12.7%
040131048011	No	100.0%	83.6%	8.2%	7.8%	1.1%	1.0%	0.2%	1.5%	4.8%

**TABLE 15: MINORITY PERCENTAGE BY CENSUS BLOCK GROUPS
(2022 ACS)**

GEO ID	Minority Above Average %?	Total Population	White	Hispanic or Latino	Black	American Indian	Asian	Native Hawaiian	Other	TwoRaces
040131048012	No	100.0%	77.4%	27.8%	1.0%	1.3%	0.8%	0.0%	1.7%	17.9%
040131048021	No	100.0%	93.2%	15.6%	1.4%	0.0%	0.1%	0.0%	0.0%	5.3%
040131048022	No	100.0%	71.1%	12.2%	5.6%	1.7%	1.0%	0.7%	15.5%	4.3%
040131048023	No	100.0%	89.0%	3.3%	0.0%	0.0%	1.6%	1.9%	0.0%	7.5%
040131048024	No	100.0%	75.2%	2.3%	19.7%	0.0%	0.0%	0.0%	2.3%	2.9%
040131048025	No	100.0%	62.2%	14.6%	0.0%	10.8%	3.4%	0.0%	5.9%	17.6%
040131049001	No	100.0%	88.5%	28.5%	0.0%	0.0%	0.5%	0.0%	0.0%	11.0%
040131049002	No	100.0%	86.9%	9.7%	2.5%	0.0%	7.3%	0.0%	0.0%	3.2%
040131049003	No	100.0%	96.3%	3.5%	1.5%	0.0%	0.6%	0.0%	0.0%	1.7%
040131049004	No	100.0%	92.7%	12.6%	0.0%	0.0%	2.4%	0.0%	0.0%	4.9%
040131050021	No	100.0%	95.9%	18.3%	1.2%	0.0%	0.0%	0.0%	0.0%	2.9%
040131050022	No	100.0%	92.3%	9.5%	0.0%	0.0%	0.0%	0.0%	1.1%	6.7%
040131050031	No	100.0%	90.0%	8.5%	0.3%	0.0%	2.3%	0.0%	4.2%	3.0%
040131050032	No	100.0%	81.4%	2.0%	0.0%	0.4%	7.1%	1.7%	0.0%	9.2%
040131050041	No	100.0%	80.3%	7.8%	0.0%	0.0%	9.8%	0.0%	3.8%	6.1%
040131050042	No	100.0%	89.8%	6.8%	0.0%	0.0%	1.4%	0.0%	0.0%	8.8%
040131050043	Yes	100.0%	60.3%	35.8%	0.0%	0.0%	3.4%	0.0%	0.0%	36.3%
040131051011	No	100.0%	86.4%	0.0%	4.5%	0.8%	1.4%	0.0%	0.0%	6.9%
040131051012	No	100.0%	78.7%	8.1%	1.4%	0.0%	1.4%	0.0%	3.5%	15.1%
040131051013	No	100.0%	92.5%	4.7%	0.4%	1.3%	0.0%	0.0%	1.3%	4.5%
040131051021	No	100.0%	89.9%	10.1%	0.0%	0.0%	0.0%	0.0%	0.0%	10.1%
040131051022	No	100.0%	83.8%	4.2%	2.3%	0.0%	0.3%	0.0%	0.0%	13.6%
040131051023	No	100.0%	73.2%	4.6%	0.0%	1.0%	12.2%	2.1%	3.2%	8.2%
040131051024	No	100.0%	85.6%	18.7%	0.0%	0.3%	1.1%	0.0%	8.3%	4.7%
040131051031	No	100.0%	100.0%	2.8%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
040131051032	No	100.0%	97.1%	5.5%	0.0%	0.0%	2.9%	0.0%	0.0%	0.0%
040131051033	No	100.0%	67.1%	14.8%	0.2%	2.7%	2.5%	21.5%	4.8%	1.3%
040131052001	No	100.0%	74.9%	16.2%	0.0%	0.0%	6.8%	0.0%	8.7%	9.6%
040131052002	No	100.0%	92.7%	16.6%	2.3%	0.9%	0.8%	0.0%	3.3%	0.0%
040131052003	No	100.0%	64.2%	20.3%	13.2%	0.0%	0.0%	0.0%	11.2%	11.4%
040131052004	Yes	100.0%	43.4%	46.4%	16.9%	18.4%	0.0%	1.8%	8.0%	11.4%
040131053001	No	100.0%	90.2%	22.5%	0.2%	0.0%	4.4%	0.0%	0.0%	5.1%
040131053002	Yes	100.0%	50.9%	62.1%	1.6%	0.0%	1.3%	0.0%	12.7%	33.5%
040131053003	No	100.0%	92.9%	14.9%	0.0%	1.2%	0.8%	0.0%	0.4%	4.7%
040131054001	No	100.0%	80.8%	14.2%	10.3%	0.0%	0.0%	0.0%	1.0%	7.9%
040131054002	No	100.0%	66.4%	27.5%	5.0%	0.0%	0.0%	0.0%	12.2%	16.4%
040131054003	Yes	100.0%	63.5%	32.1%	5.8%	6.3%	1.5%	0.0%	6.1%	16.7%
040131055011	Yes	100.0%	47.6%	43.2%	14.8%	2.5%	5.8%	0.0%	10.4%	18.8%
040131055012	Yes	100.0%	54.4%	36.3%	8.9%	2.5%	3.3%	0.0%	12.9%	18.0%
040131055021	Yes	100.0%	44.8%	25.5%	29.4%	3.0%	2.4%	2.8%	5.9%	11.7%
040131055022	Yes	100.0%	31.4%	9.8%	37.1%	9.8%	8.0%	0.0%	2.1%	11.6%
040131055031	Yes	100.0%	40.8%	23.0%	28.1%	14.0%	0.0%	0.0%	15.9%	1.1%
040131055032	Yes	100.0%	46.1%	35.2%	17.5%	4.4%	0.3%	0.0%	7.2%	24.4%
040131056011	Yes	100.0%	35.6%	74.5%	3.0%	2.9%	0.0%	0.0%	13.6%	44.9%
040131056012	No	100.0%	72.1%	32.2%	0.0%	0.0%	8.9%	0.0%	4.3%	14.7%
040131056021	Yes	100.0%	62.6%	39.2%	2.9%	0.0%	0.0%	0.0%	27.2%	7.2%
040131056022	Yes	100.0%	46.6%	45.2%	26.4%	2.2%	6.5%	0.0%	6.4%	12.0%
040131056023	Yes	100.0%	41.5%	27.4%	30.6%	0.6%	0.8%	0.0%	15.1%	11.3%
040131057011	Yes	100.0%	59.3%	40.5%	1.5%	5.8%	5.6%	0.0%	8.7%	19.1%
040131057012	Yes	100.0%	56.0%	55.4%	1.0%	19.8%	5.4%	0.0%	4.6%	13.2%
040131057021	Yes	100.0%	62.9%	47.7%	2.2%	3.9%	3.5%	0.0%	9.0%	18.5%
040131057022	Yes	100.0%	51.6%	52.6%	5.1%	1.6%	0.0%	0.0%	5.0%	36.6%
040131058001	Yes	100.0%	51.3%	48.7%	0.0%	0.2%	0.0%	0.0%	9.2%	39.2%
040131058002	Yes	100.0%	28.8%	59.6%	0.0%	0.0%	14.8%	0.0%	27.9%	28.4%
040131058003	Yes	100.0%	46.1%	67.5%	0.0%	0.0%	9.6%	0.9%	13.5%	29.9%
040131058004	Yes	100.0%	48.8%	50.2%	0.0%	2.5%	5.8%	0.0%	20.0%	22.9%
040131059001	Yes	100.0%	61.4%	54.8%	7.6%	0.9%	0.8%	0.0%	11.3%	18.0%
040131059002	Yes	100.0%	53.6%	41.0%	22.0%	0.0%	1.3%	1.1%	6.8%	15.2%
040131059003	Yes	100.0%	55.2%	27.6%	10.8%	0.0%	9.9%	1.3%	5.0%	17.9%
040131060011	Yes	100.0%	42.3%	55.9%	9.2%	8.7%	0.0%	0.1%	15.8%	23.9%
040131060021	Yes	100.0%	42.7%	33.6%	10.3%	0.7%	2.8%	0.0%	15.1%	28.4%
040131060022	Yes	100.0%	62.3%	31.2%	3.0%	2.5%	0.0%	0.0%	2.6%	29.6%

**TABLE 15: MINORITY PERCENTAGE BY CENSUS BLOCK GROUPS
(2022 ACS)**

GEO ID	Minority Above Average %?	Total Population	White	Hispanic or Latino	Black	American Indian	Asian	Native Hawaiian	Other	TwoRaces
040131060031	Yes	100.0%	50.8%	48.5%	19.2%	4.3%	0.0%	0.0%	10.5%	15.3%
040131060032	Yes	100.0%	38.9%	46.1%	4.7%	15.7%	0.0%	0.0%	5.5%	35.3%
040131061001	No	100.0%	91.7%	6.7%	0.0%	0.0%	0.0%	0.0%	0.0%	8.3%
040131061002	Yes	100.0%	50.1%	31.2%	0.0%	0.0%	11.0%	1.0%	1.7%	36.3%
040131061003	No	100.0%	67.1%	26.3%	6.5%	0.0%	5.3%	0.0%	0.0%	21.1%
040131061004	No	100.0%	84.5%	17.9%	0.2%	0.2%	0.2%	0.0%	0.0%	15.0%
040131061005	No	100.0%	86.4%	10.3%	3.0%	5.3%	5.3%	0.0%	0.0%	0.0%
040131062001	No	100.0%	90.6%	10.5%	1.3%	0.2%	1.2%	0.5%	0.9%	5.4%
040131062002	No	100.0%	78.3%	13.8%	0.8%	0.0%	1.9%	0.0%	0.0%	19.0%
040131063001	No	100.0%	74.3%	20.7%	0.8%	1.8%	0.0%	0.0%	12.2%	10.9%
040131063002	No	100.0%	94.2%	2.1%	0.4%	0.0%	3.3%	0.0%	1.9%	0.2%
040131063003	No	100.0%	75.0%	0.0%	20.7%	0.5%	3.9%	0.0%	0.0%	0.0%
040131063004	No	100.0%	73.0%	29.5%	11.8%	0.0%	1.4%	0.0%	9.2%	4.5%
040131064001	No	100.0%	92.7%	6.4%	1.2%	1.0%	1.0%	0.0%	3.3%	0.8%
040131064002	No	100.0%	84.3%	19.4%	1.7%	0.0%	2.8%	0.0%	5.7%	5.6%
040131065011	No	100.0%	83.1%	19.8%	2.2%	0.7%	5.6%	0.0%	3.1%	5.2%
040131065012	No	100.0%	73.8%	14.9%	6.5%	0.7%	5.9%	0.0%	7.3%	5.7%
040131065021	No	100.0%	69.1%	26.0%	6.8%	0.5%	5.4%	0.0%	3.5%	14.5%
040131065022	No	100.0%	81.0%	15.7%	0.7%	0.0%	12.6%	0.0%	0.4%	5.4%
040131065023	No	100.0%	78.9%	22.5%	3.1%	1.3%	2.4%	0.0%	4.2%	10.1%
040131066001	No	100.0%	87.7%	21.3%	2.0%	0.8%	0.8%	0.0%	5.5%	3.2%
040131066002	No	100.0%	88.2%	17.9%	0.9%	3.1%	1.3%	0.0%	0.2%	6.3%
040131067011	Yes	100.0%	52.3%	31.4%	19.3%	6.3%	2.0%	0.0%	2.9%	17.2%
040131067012	Yes	100.0%	38.4%	38.0%	27.3%	4.6%	0.0%	0.0%	5.9%	23.8%
040131067013	Yes	100.0%	61.1%	41.5%	17.8%	0.0%	6.9%	0.0%	3.6%	10.6%
040131067021	No	100.0%	73.0%	20.8%	9.5%	3.2%	0.8%	0.0%	4.3%	9.1%
040131067031	Yes	100.0%	67.9%	39.0%	0.0%	3.5%	3.4%	0.0%	2.2%	23.0%
040131067032	No	100.0%	86.1%	9.3%	4.2%	2.4%	1.6%	0.0%	0.3%	5.4%
040131068011	Yes	100.0%	55.5%	68.1%	4.6%	7.0%	4.5%	0.0%	8.9%	19.4%
040131068012	Yes	100.0%	19.9%	47.5%	17.4%	2.7%	11.4%	0.0%	7.8%	40.9%
040131068013	No	100.0%	67.7%	29.2%	6.5%	4.8%	3.1%	0.0%	3.8%	14.1%
040131068021	Yes	100.0%	50.0%	54.5%	11.5%	0.9%	3.0%	0.0%	2.3%	32.4%
040131068022	Yes	100.0%	50.8%	53.4%	9.7%	0.6%	4.0%	0.0%	6.3%	28.6%
040131068023	No	100.0%	68.3%	14.4%	28.6%	1.0%	0.0%	0.4%	0.0%	1.7%
040131069001	Yes	100.0%	59.0%	62.8%	0.0%	0.0%	5.3%	0.0%	29.7%	6.0%
040131069002	Yes	100.0%	45.9%	64.8%	0.0%	2.6%	0.0%	0.0%	11.4%	40.1%
040131069003	Yes	100.0%	45.7%	55.4%	0.0%	1.9%	29.3%	0.0%	14.2%	8.8%
040131069004	Yes	100.0%	70.2%	56.6%	0.0%	2.3%	8.6%	0.0%	0.9%	18.0%
040131070011	No	100.0%	77.2%	32.7%	0.0%	0.0%	1.5%	0.0%	8.0%	13.3%
040131070012	Yes	100.0%	38.0%	74.2%	6.3%	12.3%	0.5%	0.0%	16.4%	26.6%
040131070021	Yes	100.0%	59.7%	63.2%	2.9%	0.0%	0.0%	0.0%	15.0%	22.4%
040131070022	Yes	100.0%	54.0%	49.8%	0.9%	9.5%	5.5%	0.0%	12.7%	17.3%
040131071011	Yes	100.0%	51.0%	84.8%	2.3%	0.0%	0.0%	0.0%	13.1%	33.6%
040131071012	Yes	100.0%	65.6%	85.6%	0.0%	0.2%	3.9%	0.0%	15.8%	14.5%
040131071021	Yes	100.0%	65.5%	78.6%	1.4%	0.0%	0.0%	0.0%	27.2%	5.9%
040131071022	Yes	100.0%	25.5%	62.3%	3.0%	7.2%	19.6%	0.0%	23.1%	21.6%
040131071023	Yes	100.0%	28.1%	74.9%	5.7%	0.5%	6.8%	0.0%	49.1%	9.8%
040131072011	No	100.0%	74.3%	24.9%	4.2%	0.6%	5.0%	0.6%	11.6%	3.8%
040131072012	Yes	100.0%	17.2%	89.0%	1.9%	0.0%	4.5%	0.0%	27.2%	49.2%
040131072021	Yes	100.0%	27.6%	70.6%	8.9%	1.6%	2.4%	0.0%	30.5%	29.1%
040131072022	Yes	100.0%	68.2%	53.6%	0.0%	0.0%	7.7%	0.0%	13.5%	10.5%
040131073001	Yes	100.0%	45.2%	52.9%	10.7%	3.5%	10.0%	0.0%	0.1%	30.5%
040131073002	Yes	100.0%	42.9%	78.5%	5.1%	3.4%	0.4%	0.0%	23.5%	24.8%
040131073003	Yes	100.0%	16.8%	83.7%	10.6%	0.0%	0.0%	0.0%	38.6%	34.1%
040131073004	Yes	100.0%	63.1%	67.2%	14.3%	0.0%	0.0%	0.0%	4.0%	18.6%
040131074011	No	100.0%	77.9%	25.0%	0.0%	4.4%	0.0%	0.0%	4.1%	13.7%
040131074012	No	100.0%	71.9%	29.9%	1.7%	0.0%	0.0%	1.9%	3.1%	21.3%
040131074013	Yes	100.0%	66.5%	42.4%	4.7%	0.0%	0.0%	0.0%	0.0%	28.9%
040131074021	Yes	100.0%	56.8%	57.3%	5.3%	11.0%	0.0%	0.0%	3.2%	23.7%
040131074031	Yes	100.0%	58.7%	62.3%	27.8%	0.0%	4.0%	0.0%	0.0%	9.4%
040131074032	Yes	100.0%	55.9%	42.8%	11.8%	1.3%	0.7%	0.0%	2.2%	28.0%
040131074041	Yes	100.0%	24.8%	17.2%	28.7%	0.0%	30.3%	0.0%	12.3%	3.9%

**TABLE 15: MINORITY PERCENTAGE BY CENSUS BLOCK GROUPS
(2022 ACS)**

GEO ID	Minority Above Average %?	Total Population	White	Hispanic or Latino	Black	American Indian	Asian	Native Hawaiian	Other	TwoRaces
040131075001	No	100.0%	95.3%	8.5%	0.0%	0.0%	0.0%	0.0%	0.0%	4.7%
040131075002	No	100.0%	87.8%	9.0%	2.1%	1.4%	4.4%	0.0%	0.9%	3.4%
040131075003	No	100.0%	81.9%	14.3%	2.6%	0.3%	2.6%	0.0%	2.1%	10.4%
040131076011	No	100.0%	85.2%	30.5%	3.9%	0.0%	5.9%	0.0%	4.9%	0.0%
040131076012	No	100.0%	85.8%	24.0%	2.0%	2.6%	1.9%	0.0%	4.0%	3.7%
040131076013	No	100.0%	74.4%	15.9%	5.8%	1.4%	4.4%	0.0%	8.8%	5.3%
040131076021	No	100.0%	87.0%	16.3%	1.5%	0.7%	2.3%	0.0%	0.0%	8.6%
040131076022	No	100.0%	72.2%	31.7%	2.0%	2.9%	0.0%	0.0%	9.3%	13.6%
040131077001	No	100.0%	62.9%	15.5%	0.0%	0.0%	21.6%	0.0%	0.0%	15.5%
040131077002	No	100.0%	81.5%	20.5%	0.0%	0.0%	9.7%	0.0%	5.0%	3.8%
040131077003	No	100.0%	72.2%	12.9%	11.5%	6.7%	2.8%	0.0%	4.9%	2.0%
040131077004	No	100.0%	70.8%	15.0%	12.7%	0.0%	2.5%	0.0%	6.6%	7.4%
040131077005	No	100.0%	100.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
040131077006	No	100.0%	100.0%	12.2%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
040131078001	No	100.0%	98.7%	2.4%	0.0%	0.0%	0.0%	0.0%	0.0%	1.3%
040131078002	No	100.0%	82.2%	13.5%	4.5%	1.5%	3.3%	0.0%	1.3%	7.2%
040131079001	No	100.0%	85.0%	3.3%	0.0%	0.0%	11.7%	0.0%	0.0%	3.3%
040131079002	No	100.0%	94.5%	5.1%	0.0%	0.0%	0.0%	0.0%	0.7%	4.8%
040131079003	No	100.0%	74.5%	13.9%	9.2%	0.0%	4.4%	1.3%	7.7%	3.0%
040131080001	No	100.0%	92.6%	5.7%	0.0%	0.0%	1.2%	0.0%	0.0%	6.1%
040131080002	No	100.0%	92.8%	4.7%	0.0%	0.0%	4.1%	0.0%	0.0%	3.0%
040131081001	No	100.0%	87.6%	12.3%	0.0%	0.0%	1.3%	0.0%	0.4%	10.7%
040131082001	No	100.0%	86.0%	8.9%	3.5%	0.0%	3.3%	0.0%	3.7%	3.5%
040131082002	No	100.0%	76.7%	7.0%	0.0%	0.0%	18.5%	0.0%	0.7%	4.1%
040131082003	No	100.0%	92.3%	9.8%	0.0%	0.0%	0.7%	0.0%	1.0%	6.1%
040131083011	Yes	100.0%	67.5%	37.2%	0.0%	0.0%	0.0%	0.0%	10.3%	22.2%
040131083012	No	100.0%	53.0%	3.1%	3.5%	0.0%	6.2%	0.0%	0.0%	37.4%
040131083013	No	100.0%	66.8%	19.3%	8.2%	0.0%	12.7%	0.0%	3.6%	8.8%
040131083021	No	100.0%	87.9%	29.2%	1.8%	0.9%	0.4%	0.0%	0.0%	9.1%
040131083022	No	100.0%	76.1%	21.3%	1.6%	7.7%	0.6%	0.0%	4.4%	9.5%
040131084001	No	100.0%	54.7%	3.6%	11.0%	16.4%	17.9%	0.0%	0.0%	0.0%
040131084002	No	100.0%	81.4%	14.5%	0.0%	0.0%	5.8%	0.0%	11.8%	1.0%
040131084003	Yes	100.0%	58.8%	34.1%	0.0%	0.9%	29.0%	0.0%	3.5%	7.8%
040131084004	No	100.0%	82.4%	12.9%	0.0%	3.7%	2.1%	0.0%	0.0%	11.8%
040131084005	Yes	100.0%	52.7%	20.4%	5.4%	0.0%	2.5%	18.5%	15.3%	5.7%
040131085011	No	100.0%	70.2%	33.1%	1.1%	0.3%	0.8%	0.0%	20.6%	7.0%
040131085012	Yes	100.0%	57.8%	48.5%	0.3%	0.0%	2.3%	0.0%	6.6%	33.1%
040131085021	No	100.0%	64.9%	16.1%	5.9%	3.0%	8.5%	0.0%	4.4%	13.3%
040131085022	No	100.0%	69.4%	20.7%	0.0%	0.0%	15.7%	0.0%	3.7%	11.2%
040131085023	No	100.0%	73.6%	30.9%	0.6%	1.4%	5.6%	0.0%	7.5%	11.3%
040131085024	No	100.0%	97.4%	32.1%	1.3%	0.0%	1.3%	0.0%	0.0%	0.0%
040131086011	Yes	100.0%	53.9%	45.8%	12.9%	5.2%	5.0%	2.1%	10.1%	10.8%
040131086012	Yes	100.0%	64.2%	37.1%	13.9%	6.7%	1.9%	0.0%	3.1%	10.2%
040131086021	Yes	100.0%	62.0%	28.3%	5.2%	5.8%	2.2%	0.0%	0.9%	23.8%
040131086022	Yes	100.0%	54.1%	26.6%	4.6%	15.9%	9.3%	0.0%	0.0%	16.1%
040131086023	Yes	100.0%	62.2%	27.8%	15.3%	5.0%	5.4%	0.0%	4.6%	7.5%
040131086024	Yes	100.0%	50.6%	45.3%	0.0%	0.0%	0.9%	0.0%	12.4%	36.1%
040131088021	Yes	100.0%	61.3%	49.6%	4.3%	5.1%	0.0%	0.0%	4.0%	25.2%
040131088022	No	100.0%	70.0%	28.8%	0.6%	15.6%	2.0%	0.0%	1.4%	10.4%
040131088023	No	100.0%	87.0%	5.4%	0.0%	0.0%	0.0%	0.0%	4.0%	9.1%
040131089011	Yes	100.0%	64.9%	32.4%	0.0%	0.0%	9.2%	1.3%	6.9%	17.6%
040131089012	No	100.0%	80.3%	43.0%	4.7%	0.0%	0.9%	0.0%	3.0%	11.0%
040131089013	Yes	100.0%	49.5%	16.3%	13.9%	1.7%	8.9%	0.0%	2.6%	23.3%
040131089021	Yes	100.0%	51.2%	16.4%	24.1%	4.2%	5.8%	0.0%	10.4%	4.3%
040131089022	Yes	100.0%	57.6%	40.3%	2.9%	2.0%	10.0%	1.7%	7.5%	18.3%
040131089023	Yes	100.0%	53.5%	27.8%	5.8%	0.5%	21.1%	0.0%	9.9%	9.2%
040131089024	Yes	100.0%	72.4%	41.8%	11.7%	2.3%	0.0%	0.0%	7.9%	5.6%
040131090011	Yes	100.0%	31.5%	60.0%	16.9%	4.6%	2.4%	0.0%	17.7%	26.9%
040131090012	Yes	100.0%	26.8%	64.9%	21.8%	1.5%	0.4%	0.0%	11.8%	37.6%
040131090021	Yes	100.0%	21.8%	24.6%	20.1%	0.0%	7.9%	0.0%	7.8%	42.4%
040131090022	Yes	100.0%	44.1%	67.7%	15.6%	4.8%	0.0%	0.0%	11.0%	24.5%
040131090023	Yes	100.0%	34.9%	21.2%	14.6%	0.0%	13.9%	0.0%	9.7%	26.8%

**TABLE 15: MINORITY PERCENTAGE BY CENSUS BLOCK GROUPS
(2022 ACS)**

GEO ID	Minority Above Average %?	Total Population	White	Hispanic or Latino	Black	American Indian	Asian	Native Hawaiian	Other	TwoRaces
040131090031	Yes	100.0%	40.5%	63.3%	15.3%	2.1%	0.0%	1.2%	11.9%	29.0%
040131090032	Yes	100.0%	34.6%	76.9%	8.5%	0.6%	0.0%	0.0%	11.2%	45.1%
040131090033	Yes	100.0%	53.6%	88.6%	3.8%	2.1%	0.0%	0.0%	19.4%	21.1%
040131090034	Yes	100.0%	71.1%	89.4%	2.5%	0.0%	1.2%	0.0%	21.1%	4.1%
040131091011	Yes	100.0%	65.0%	70.3%	2.7%	1.0%	0.9%	0.0%	14.6%	15.8%
040131091012	Yes	100.0%	28.0%	86.7%	4.3%	0.9%	3.9%	0.0%	9.7%	53.2%
040131091021	Yes	100.0%	35.0%	50.3%	38.2%	0.0%	0.0%	0.0%	13.0%	13.8%
040131091022	Yes	100.0%	31.3%	74.4%	0.0%	13.5%	1.0%	0.0%	26.9%	27.3%
040131091023	Yes	100.0%	39.3%	77.2%	6.9%	1.9%	2.9%	0.0%	27.1%	21.9%
040131092001	No	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
040131092002	Yes	100.0%	28.5%	53.5%	6.7%	10.7%	0.9%	0.0%	27.8%	25.4%
040131092003	Yes	100.0%	66.8%	76.8%	9.4%	2.9%	0.0%	0.0%	6.5%	14.3%
040131092004	Yes	100.0%	35.1%	53.3%	10.6%	11.5%	0.0%	0.0%	27.2%	15.7%
040131093001	Yes	100.0%	24.0%	95.9%	0.0%	0.0%	0.0%	0.0%	74.7%	1.3%
040131093002	Yes	100.0%	56.1%	86.7%	0.0%	0.0%	0.0%	0.0%	17.8%	26.0%
040131093003	Yes	100.0%	96.0%	83.7%	0.0%	0.0%	0.0%	0.0%	1.4%	2.6%
040131094011	Yes	100.0%	31.6%	86.4%	6.0%	0.0%	0.0%	0.0%	48.3%	14.1%
040131094012	Yes	100.0%	50.8%	56.3%	17.2%	0.0%	0.0%	0.0%	25.6%	6.3%
040131094013	Yes	100.0%	78.1%	86.1%	0.0%	0.0%	0.0%	0.0%	14.2%	7.8%
040131094021	Yes	100.0%	51.7%	79.1%	0.0%	0.9%	0.0%	0.0%	32.0%	15.5%
040131094022	Yes	100.0%	33.2%	77.1%	0.0%	4.1%	0.2%	0.0%	38.6%	23.9%
040131094023	Yes	100.0%	73.1%	48.3%	0.0%	0.0%	0.0%	0.0%	21.6%	5.4%
040131095001	Yes	100.0%	39.3%	69.2%	4.2%	6.7%	0.0%	0.0%	16.6%	33.2%
040131095002	Yes	100.0%	36.3%	89.9%	4.7%	0.0%	3.9%	0.0%	25.6%	29.5%
040131095003	Yes	100.0%	46.0%	91.3%	4.1%	0.1%	0.5%	0.0%	24.1%	25.3%
040131096011	Yes	100.0%	53.1%	85.3%	4.9%	0.0%	2.1%	0.0%	15.2%	24.7%
040131096012	Yes	100.0%	61.6%	60.9%	7.6%	5.4%	0.0%	0.0%	15.8%	9.7%
040131096013	Yes	100.0%	58.3%	67.6%	6.8%	0.0%	0.5%	0.0%	3.5%	31.0%
040131096021	Yes	100.0%	50.5%	88.5%	2.2%	0.0%	0.0%	0.0%	24.8%	22.4%
040131096022	Yes	100.0%	42.1%	92.7%	3.2%	2.6%	0.5%	0.0%	20.6%	31.0%
040131096023	Yes	100.0%	66.4%	92.1%	0.0%	0.0%	0.6%	0.0%	22.2%	10.8%
040131096031	Yes	100.0%	62.1%	85.3%	1.4%	0.0%	0.0%	0.0%	28.1%	8.4%
040131096032	Yes	100.0%	35.1%	61.6%	9.8%	0.0%	7.7%	0.0%	20.1%	27.2%
040131096033	Yes	100.0%	51.0%	87.1%	0.0%	5.6%	0.0%	0.0%	29.3%	14.1%
040131096034	Yes	100.0%	66.2%	76.3%	13.7%	0.0%	0.0%	0.0%	19.5%	0.6%
040131096041	Yes	100.0%	29.7%	93.8%	0.0%	0.0%	0.0%	0.0%	38.4%	31.9%
040131096042	Yes	100.0%	52.3%	83.7%	5.7%	0.6%	0.7%	0.0%	21.1%	19.6%
040131097021	Yes	100.0%	33.9%	83.7%	0.0%	3.2%	0.0%	0.0%	26.0%	37.0%
040131097022	Yes	100.0%	49.1%	65.6%	0.5%	3.0%	0.0%	0.0%	31.6%	15.8%
040131097023	Yes	100.0%	39.2%	91.4%	1.0%	0.0%	0.0%	0.0%	22.4%	37.4%
040131097031	Yes	100.0%	45.2%	89.6%	5.1%	2.9%	0.0%	0.0%	21.2%	25.7%
040131097032	Yes	100.0%	60.5%	63.3%	0.2%	6.8%	0.0%	0.0%	21.1%	11.3%
040131097041	Yes	100.0%	40.8%	94.6%	0.0%	0.0%	0.0%	0.0%	10.0%	49.3%
040131097042	Yes	100.0%	44.2%	80.5%	0.8%	3.8%	0.0%	0.0%	42.4%	8.8%
040131097051	Yes	100.0%	38.2%	71.9%	3.7%	0.0%	0.0%	0.0%	33.6%	24.5%
040131097052	Yes	100.0%	58.3%	89.9%	2.4%	0.0%	0.0%	0.0%	20.5%	18.7%
040131097061	Yes	100.0%	24.6%	94.5%	0.8%	0.0%	0.0%	0.0%	53.0%	21.6%
040131097071	Yes	100.0%	54.9%	58.2%	14.6%	0.0%	0.0%	0.0%	7.4%	23.1%
040131097072	Yes	100.0%	37.7%	74.3%	9.9%	0.0%	0.0%	0.0%	13.9%	38.4%
040131097073	Yes	100.0%	48.6%	63.9%	21.1%	0.0%	0.0%	0.0%	24.9%	5.3%
040131098011	Yes	100.0%	33.5%	86.2%	7.2%	3.1%	0.0%	0.0%	30.6%	25.6%
040131098012	Yes	100.0%	38.4%	88.6%	5.6%	2.8%	0.0%	0.0%	25.1%	28.1%
040131098021	Yes	100.0%	46.5%	75.2%	0.0%	1.9%	8.7%	0.0%	35.4%	7.5%
040131098022	Yes	100.0%	60.5%	91.0%	0.0%	4.1%	0.0%	0.0%	27.0%	8.3%
040131098023	Yes	100.0%	48.2%	86.4%	5.6%	0.0%	0.0%	0.0%	32.9%	13.4%
040131099001	Yes	100.0%	60.3%	88.7%	3.0%	0.0%	0.0%	0.0%	32.8%	3.9%
040131099002	Yes	100.0%	58.6%	69.5%	8.0%	0.0%	0.0%	0.0%	31.7%	1.6%
040131099003	Yes	100.0%	53.2%	79.4%	6.3%	0.0%	0.0%	0.0%	23.6%	16.9%
040131099004	Yes	100.0%	73.4%	97.1%	0.0%	0.1%	0.0%	0.0%	4.4%	22.1%
040131100011	Yes	100.0%	42.2%	87.0%	7.8%	0.0%	0.0%	0.0%	27.3%	22.7%
040131100012	Yes	100.0%	51.8%	91.0%	0.6%	0.7%	1.6%	0.0%	30.9%	14.3%
040131100021	Yes	100.0%	61.8%	96.6%	0.0%	2.2%	0.0%	0.0%	15.2%	20.8%

**TABLE 15: MINORITY PERCENTAGE BY CENSUS BLOCK GROUPS
(2022 ACS)**

GEO ID	Minority Above Average %?	Total Population	White	Hispanic or Latino	Black	American Indian	Asian	Native Hawaiian	Other	TwoRaces
040131100022	Yes	100.0%	62.1%	82.3%	1.9%	1.2%	0.0%	0.0%	24.2%	10.6%
040131101001	Yes	100.0%	49.9%	88.3%	0.0%	6.6%	3.0%	0.0%	24.7%	15.8%
040131101002	Yes	100.0%	63.6%	89.6%	0.0%	4.7%	1.1%	0.0%	14.1%	16.4%
040131101003	Yes	100.0%	36.4%	89.6%	3.0%	0.0%	4.5%	0.0%	14.2%	41.9%
040131101004	Yes	100.0%	59.7%	90.1%	2.3%	2.9%	0.0%	0.0%	3.8%	31.3%
040131104001	Yes	100.0%	40.5%	53.5%	5.0%	3.1%	0.0%	0.0%	7.8%	43.6%
040131104002	No	100.0%	51.1%	7.4%	14.9%	6.8%	9.1%	0.0%	0.0%	18.0%
040131104003	Yes	100.0%	36.7%	60.3%	14.1%	0.0%	1.3%	0.0%	21.5%	26.4%
040131104004	No	100.0%	67.3%	27.7%	8.6%	6.3%	8.1%	0.0%	4.5%	5.1%
040131105011	No	100.0%	60.9%	21.0%	5.3%	8.1%	10.6%	0.0%	6.6%	8.4%
040131105012	Yes	100.0%	63.8%	39.5%	12.3%	0.4%	5.9%	0.0%	2.1%	15.5%
040131105013	No	100.0%	91.6%	34.0%	3.7%	0.0%	0.0%	0.0%	0.0%	4.7%
040131105021	Yes	100.0%	61.3%	28.2%	3.5%	12.7%	9.8%	0.0%	5.9%	6.9%
040131105022	Yes	100.0%	54.9%	35.8%	8.1%	0.6%	8.7%	0.4%	8.2%	19.1%
040131106001	Yes	100.0%	64.4%	58.4%	0.0%	0.0%	6.6%	0.0%	16.0%	13.0%
040131106002	Yes	100.0%	47.0%	54.2%	0.6%	24.8%	0.0%	0.0%	12.9%	14.6%
040131106003	No	100.0%	93.9%	2.5%	1.4%	0.0%	4.7%	0.0%	0.0%	0.0%
040131106004	No	100.0%	76.9%	9.1%	4.3%	7.2%	2.7%	0.0%	1.3%	7.5%
040131107011	Yes	100.0%	58.5%	45.6%	1.8%	1.6%	11.3%	0.0%	8.6%	18.3%
040131107012	Yes	100.0%	66.9%	65.5%	1.9%	0.4%	1.0%	0.0%	21.4%	8.3%
040131107021	Yes	100.0%	53.6%	59.1%	4.2%	0.6%	1.6%	0.0%	14.4%	25.7%
040131107022	Yes	100.0%	64.9%	59.7%	0.0%	0.2%	0.8%	0.0%	13.1%	21.0%
040131108011	Yes	100.0%	54.3%	39.0%	14.6%	4.5%	1.3%	0.0%	9.4%	15.8%
040131108012	Yes	100.0%	64.8%	36.6%	14.1%	3.1%	0.0%	0.0%	5.5%	12.5%
040131108013	Yes	100.0%	68.3%	67.2%	1.8%	0.0%	0.0%	0.0%	17.8%	12.1%
040131108021	Yes	100.0%	72.9%	40.5%	1.4%	1.8%	0.0%	0.0%	10.0%	14.0%
040131108022	No	100.0%	65.0%	18.3%	13.3%	0.0%	0.5%	0.0%	5.2%	16.1%
040131109011	Yes	100.0%	66.9%	40.0%	0.0%	0.0%	0.0%	0.0%	0.0%	33.1%
040131109012	Yes	100.0%	49.8%	35.0%	15.5%	0.0%	3.6%	0.0%	1.4%	29.7%
040131109021	Yes	100.0%	59.3%	53.9%	6.0%	1.7%	0.4%	1.2%	5.8%	25.5%
040131109022	No	100.0%	71.9%	27.1%	4.7%	3.0%	0.4%	0.0%	1.7%	18.2%
040131110001	No	100.0%	80.3%	26.4%	10.3%	0.0%	0.0%	0.0%	5.2%	4.2%
040131110002	No	100.0%	94.1%	11.3%	0.0%	5.7%	0.0%	0.0%	0.1%	0.0%
040131110003	No	100.0%	86.4%	4.4%	0.0%	0.0%	0.0%	0.0%	5.0%	8.6%
040131110004	No	100.0%	90.4%	10.6%	0.0%	0.0%	1.5%	0.0%	2.1%	6.1%
040131110005	No	100.0%	73.2%	24.9%	1.9%	0.0%	0.0%	0.0%	10.3%	14.6%
04013111001	No	100.0%	94.0%	3.8%	6.0%	0.0%	0.0%	0.0%	0.0%	0.0%
04013111002	Yes	100.0%	60.8%	38.4%	7.1%	0.7%	3.8%	0.0%	4.0%	23.6%
04013111003	No	100.0%	87.8%	5.4%	0.4%	0.0%	6.3%	0.0%	0.9%	4.6%
040131112011	No	100.0%	73.6%	8.2%	2.4%	0.0%	0.0%	0.0%	0.0%	24.0%
040131112012	No	100.0%	52.2%	10.7%	24.4%	8.6%	1.3%	0.0%	9.3%	4.2%
040131112013	Yes	100.0%	51.0%	53.8%	8.6%	2.7%	0.0%	1.0%	4.1%	32.5%
040131112014	No	100.0%	84.3%	28.2%	0.0%	4.4%	0.0%	0.0%	3.5%	7.9%
040131112021	Yes	100.0%	48.9%	48.2%	15.3%	4.4%	1.2%	0.0%	3.0%	27.1%
040131112031	Yes	100.0%	32.5%	24.6%	34.3%	3.6%	0.7%	0.0%	8.7%	20.2%
040131112041	Yes	100.0%	43.0%	35.6%	18.5%	0.9%	1.6%	0.0%	4.7%	31.2%
040131113001	Yes	100.0%	48.7%	67.3%	0.0%	0.0%	0.0%	0.0%	0.0%	51.3%
040131113002	Yes	100.0%	58.7%	33.5%	3.7%	0.0%	3.7%	0.0%	0.0%	33.9%
040131113003	Yes	100.0%	45.9%	59.9%	9.4%	1.2%	1.2%	0.0%	12.2%	30.1%
040131113004	No	100.0%	65.9%	29.7%	3.6%	0.1%	1.9%	0.0%	1.1%	27.4%
040131113005	Yes	100.0%	65.0%	44.4%	11.9%	5.9%	0.0%	0.0%	8.1%	9.0%
040131114011	Yes	100.0%	50.0%	63.8%	0.0%	3.0%	5.9%	0.0%	6.0%	35.1%
040131114012	Yes	100.0%	41.0%	79.4%	0.9%	1.6%	0.6%	0.0%	10.8%	45.0%
040131114021	Yes	100.0%	60.8%	52.0%	8.0%	2.1%	0.6%	0.6%	5.3%	22.7%
040131114022	Yes	100.0%	62.9%	35.8%	9.6%	2.4%	3.1%	3.0%	9.3%	9.6%
040131115011	Yes	100.0%	64.2%	70.8%	1.6%	0.0%	0.0%	0.0%	12.4%	21.8%
040131115021	Yes	100.0%	48.1%	63.8%	10.9%	2.1%	7.9%	0.0%	15.6%	15.3%
040131115022	Yes	100.0%	72.3%	68.1%	0.0%	2.8%	0.8%	0.0%	6.4%	17.7%
040131115023	Yes	100.0%	64.3%	80.6%	9.9%	0.8%	0.0%	0.0%	0.9%	24.1%
040131115024	Yes	100.0%	49.5%	79.3%	0.9%	2.1%	0.6%	0.0%	30.6%	16.2%
040131116011	Yes	100.0%	51.3%	57.4%	0.0%	1.5%	1.8%	0.0%	16.8%	28.5%
040131116012	Yes	100.0%	46.9%	72.9%	0.9%	3.5%	0.0%	0.0%	2.2%	46.5%

**TABLE 15: MINORITY PERCENTAGE BY CENSUS BLOCK GROUPS
(2022 ACS)**

GEO ID	Minority Above Average %?	Total Population	White	Hispanic or Latino	Black	American Indian	Asian	Native Hawaiian	Other	TwoRaces
040131116021	No	100.0%	66.5%	26.3%	17.5%	4.0%	3.2%	0.0%	0.0%	8.8%
040131116022	Yes	100.0%	44.7%	67.4%	4.4%	3.9%	0.7%	0.0%	28.9%	17.4%
040131116023	Yes	100.0%	48.9%	86.5%	3.2%	4.0%	0.0%	0.0%	14.9%	29.0%
040131117001	Yes	100.0%	67.5%	53.3%	2.6%	16.2%	0.3%	0.0%	10.4%	3.1%
040131117002	No	100.0%	73.4%	28.2%	1.0%	2.3%	1.5%	0.0%	11.4%	10.3%
040131117003	Yes	100.0%	43.2%	65.5%	1.5%	1.3%	0.6%	0.0%	35.0%	18.4%
040131117004	No	100.0%	94.6%	5.4%	0.0%	0.0%	0.4%	1.0%	0.0%	4.1%
040131118001	Yes	100.0%	53.8%	52.6%	0.0%	0.0%	1.8%	0.0%	0.0%	44.4%
040131118002	No	100.0%	84.7%	8.1%	4.8%	0.0%	8.8%	0.0%	0.0%	1.8%
040131118003	No	100.0%	88.4%	9.1%	0.0%	0.0%	3.1%	0.0%	1.2%	7.3%
040131118004	No	100.0%	71.5%	10.3%	2.2%	0.0%	8.4%	0.0%	3.7%	14.1%
040131119001	No	100.0%	85.3%	12.4%	2.7%	0.0%	3.1%	0.0%	5.1%	3.8%
040131119002	No	100.0%	90.9%	12.8%	0.0%	0.0%	0.0%	0.0%	2.7%	6.4%
040131119003	Yes	100.0%	51.0%	50.9%	1.3%	0.4%	3.2%	1.0%	4.9%	38.1%
040131121001	Yes	100.0%	39.6%	90.3%	5.6%	2.5%	1.8%	0.0%	19.2%	31.3%
040131121002	Yes	100.0%	41.7%	85.9%	5.9%	2.1%	0.5%	0.0%	37.6%	12.1%
040131121003	Yes	100.0%	56.2%	92.2%	0.0%	0.0%	0.0%	0.0%	26.7%	17.1%
040131122011	Yes	100.0%	42.5%	81.6%	0.0%	0.8%	0.0%	0.0%	30.1%	26.6%
040131122012	Yes	100.0%	44.2%	90.3%	0.1%	0.2%	0.6%	3.7%	27.4%	23.7%
040131122021	Yes	100.0%	62.8%	80.4%	0.0%	0.0%	0.0%	0.0%	23.6%	13.6%
040131122022	Yes	100.0%	73.9%	85.6%	0.0%	0.0%	1.6%	0.0%	7.9%	16.7%
040131122023	Yes	100.0%	49.5%	64.6%	10.5%	1.7%	2.3%	0.0%	11.8%	24.0%
040131123011	Yes	100.0%	31.9%	85.3%	9.8%	2.8%	0.0%	0.0%	11.6%	43.9%
040131123012	Yes	100.0%	45.9%	81.1%	10.3%	5.5%	0.0%	0.0%	17.9%	20.4%
040131123013	Yes	100.0%	26.1%	92.7%	7.3%	0.5%	0.0%	0.0%	26.9%	39.2%
040131123021	Yes	100.0%	43.2%	79.6%	18.4%	0.0%	0.0%	0.0%	38.4%	0.0%
040131123022	Yes	100.0%	45.5%	77.7%	2.0%	3.3%	1.3%	0.0%	2.7%	45.2%
040131123023	Yes	100.0%	70.8%	63.2%	6.3%	2.1%	0.0%	0.0%	0.0%	20.8%
040131123024	Yes	100.0%	60.0%	61.2%	23.7%	0.0%	3.9%	0.0%	2.3%	10.1%
040131123025	Yes	100.0%	47.9%	79.3%	1.1%	0.1%	0.0%	0.0%	29.4%	21.5%
040131124011	Yes	100.0%	42.0%	87.5%	5.3%	0.0%	0.5%	0.0%	45.3%	6.9%
040131124012	Yes	100.0%	25.5%	90.5%	3.4%	10.3%	0.0%	0.0%	37.2%	23.5%
040131124013	Yes	100.0%	47.8%	91.7%	0.0%	0.0%	0.0%	0.0%	13.6%	38.6%
040131124021	Yes	100.0%	56.1%	87.6%	10.6%	0.5%	0.0%	0.0%	10.9%	21.9%
040131124022	Yes	100.0%	55.4%	93.1%	4.5%	0.0%	0.0%	0.0%	7.5%	32.6%
040131124023	Yes	100.0%	41.5%	93.1%	4.1%	0.4%	0.0%	0.0%	20.1%	33.9%
040131125021	Yes	100.0%	45.6%	83.1%	0.7%	15.2%	0.0%	0.0%	23.1%	15.4%
040131125022	Yes	100.0%	40.5%	94.7%	0.0%	0.0%	0.0%	0.0%	34.6%	24.9%
040131125023	Yes	100.0%	54.7%	98.1%	0.0%	0.0%	1.7%	0.0%	31.0%	12.5%
040131125041	Yes	100.0%	58.7%	81.9%	0.0%	0.2%	3.2%	0.0%	14.1%	23.8%
040131125042	Yes	100.0%	47.1%	82.3%	6.9%	0.3%	1.4%	0.0%	33.0%	11.2%
040131125071	Yes	100.0%	37.5%	90.5%	5.8%	0.0%	0.0%	0.0%	10.1%	46.6%
040131125072	Yes	100.0%	65.7%	84.1%	6.3%	1.5%	0.9%	0.0%	9.6%	16.0%
040131125081	Yes	100.0%	39.6%	90.3%	0.0%	2.3%	0.6%	0.0%	30.2%	27.4%
040131125101	Yes	100.0%	36.1%	90.0%	0.0%	0.0%	0.0%	0.0%	50.6%	13.3%
040131125102	Yes	100.0%	28.3%	71.2%	11.2%	0.5%	0.0%	0.0%	40.4%	19.6%
040131125103	Yes	100.0%	30.0%	86.7%	16.0%	0.0%	0.0%	0.0%	15.1%	38.8%
040131125121	Yes	100.0%	48.0%	29.8%	38.0%	2.3%	4.1%	0.0%	0.0%	7.7%
040131125122	Yes	100.0%	1.8%	50.5%	60.0%	0.0%	0.0%	0.0%	12.3%	25.9%
040131125141	Yes	100.0%	29.8%	61.1%	20.8%	5.4%	0.7%	0.0%	12.4%	31.0%
040131125142	Yes	100.0%	43.4%	31.6%	34.6%	3.3%	2.7%	0.0%	6.6%	9.5%
040131125151	Yes	100.0%	31.0%	62.6%	11.9%	9.4%	0.0%	0.0%	41.5%	6.1%
040131125152	Yes	100.0%	36.7%	63.0%	15.2%	0.0%	2.1%	0.0%	40.9%	5.1%
040131125153	Yes	100.0%	39.8%	68.3%	9.5%	10.6%	0.0%	0.0%	23.2%	16.9%
040131125161	No	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
040131125162	Yes	100.0%	12.4%	93.7%	1.2%	0.0%	0.6%	0.0%	22.7%	63.1%
040131125163	Yes	100.0%	90.7%	92.3%	0.0%	0.0%	0.0%	0.0%	8.9%	0.4%
040131125171	Yes	100.0%	64.6%	74.9%	5.5%	4.7%	0.8%	0.0%	6.3%	18.0%
040131125172	Yes	100.0%	58.3%	65.9%	1.2%	0.0%	0.0%	0.0%	4.1%	36.4%
040131125173	Yes	100.0%	42.6%	55.4%	24.9%	2.8%	0.0%	0.3%	6.7%	22.7%
040131125181	Yes	100.0%	44.9%	69.1%	2.9%	20.0%	1.8%	0.0%	16.1%	14.4%
040131125182	Yes	100.0%	31.7%	69.0%	17.4%	0.3%	0.0%	0.0%	18.2%	32.5%

**TABLE 15: MINORITY PERCENTAGE BY CENSUS BLOCK GROUPS
(2022 ACS)**

GEO ID	Minority Above Average %?	Total Population	White	Hispanic or Latino	Black	American Indian	Asian	Native Hawaiian	Other	TwoRaces
040131125191	Yes	100.0%	43.0%	96.2%	0.0%	0.7%	0.0%	0.0%	45.4%	11.0%
040131125192	Yes	100.0%	59.4%	96.6%	0.9%	0.0%	0.0%	0.0%	33.4%	6.2%
040131125201	Yes	100.0%	56.7%	88.0%	0.0%	3.9%	0.0%	0.0%	24.4%	15.0%
040131125202	Yes	100.0%	37.4%	67.8%	12.3%	3.0%	0.0%	0.0%	22.3%	25.0%
040131125211	Yes	100.0%	31.4%	71.6%	16.9%	6.4%	3.3%	0.0%	10.4%	31.5%
040131125212	Yes	100.0%	41.8%	54.8%	23.4%	1.4%	7.6%	0.0%	3.1%	22.6%
040131125221	Yes	100.0%	26.7%	99.4%	0.0%	0.0%	0.0%	0.0%	22.8%	50.5%
040131125222	Yes	100.0%	78.4%	78.3%	0.0%	0.0%	0.0%	0.0%	5.4%	16.2%
040131125223	Yes	100.0%	76.6%	91.7%	0.0%	0.0%	0.0%	0.0%	9.0%	14.3%
040131125231	Yes	100.0%	26.6%	32.8%	32.5%	16.7%	2.8%	3.1%	2.6%	15.7%
040131125232	No	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
040131125233	Yes	100.0%	39.1%	78.6%	11.2%	1.9%	3.0%	0.0%	19.5%	25.3%
040131125241	Yes	100.0%	28.2%	44.9%	15.8%	1.6%	1.5%	1.3%	22.1%	29.5%
040131125242	Yes	100.0%	21.7%	39.4%	48.3%	8.2%	0.0%	0.0%	9.6%	12.2%
040131125243	No	100.0%	100.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
040131126011	Yes	100.0%	61.4%	96.2%	2.6%	0.0%	0.0%	1.7%	24.3%	10.0%
040131126012	Yes	100.0%	40.6%	86.5%	6.7%	6.3%	2.2%	0.0%	20.5%	23.8%
040131126021	Yes	100.0%	32.5%	99.6%	0.0%	3.8%	0.0%	0.0%	30.0%	33.8%
040131126022	Yes	100.0%	41.4%	88.8%	0.0%	0.7%	0.0%	0.0%	12.5%	45.5%
040131126023	Yes	100.0%	50.8%	90.5%	0.0%	0.0%	0.8%	0.0%	16.7%	31.7%
040131126024	Yes	100.0%	61.5%	98.1%	0.0%	0.0%	0.0%	0.0%	16.7%	21.9%
040131127001	Yes	100.0%	41.7%	90.3%	0.0%	1.1%	2.1%	0.4%	29.4%	25.4%
040131127002	Yes	100.0%	48.6%	89.4%	0.0%	0.0%	2.6%	0.0%	28.5%	20.2%
040131127003	Yes	100.0%	41.3%	91.8%	0.0%	7.9%	0.0%	0.0%	12.5%	38.3%
040131127004	Yes	100.0%	79.6%	75.1%	9.5%	0.0%	1.8%	0.0%	2.1%	7.1%
040131129001	No	100.0%	80.1%	15.9%	1.6%	1.6%	0.8%	0.0%	5.3%	10.5%
040131129002	Yes	100.0%	49.4%	50.8%	3.0%	3.8%	4.4%	0.0%	21.2%	18.2%
040131129003	No	100.0%	70.7%	34.2%	6.6%	1.6%	0.0%	0.0%	3.5%	17.7%
040131129004	Yes	100.0%	35.5%	83.3%	4.9%	0.5%	1.1%	0.2%	6.2%	51.5%
040131130001	No	100.0%	51.6%	13.0%	4.2%	30.9%	3.7%	0.0%	2.5%	7.2%
040131130002	No	100.0%	61.8%	15.6%	21.8%	0.0%	7.7%	0.0%	2.8%	6.0%
040131131001	No	100.0%	57.0%	14.0%	31.3%	2.9%	1.1%	0.0%	1.3%	6.4%
040131131002	No	100.0%	75.1%	17.3%	4.4%	2.8%	8.3%	0.0%	1.3%	8.0%
040131131003	No	100.0%	74.4%	24.0%	3.7%	1.5%	6.3%	0.0%	3.1%	10.9%
040131132011	Yes	100.0%	42.1%	64.8%	8.9%	0.4%	7.5%	0.0%	8.3%	32.8%
040131132012	Yes	100.0%	46.6%	71.9%	3.8%	1.4%	2.1%	0.0%	18.5%	27.6%
040131132021	Yes	100.0%	70.6%	60.3%	4.1%	2.4%	0.9%	0.0%	17.1%	4.8%
040131132022	Yes	100.0%	36.8%	73.6%	5.9%	4.0%	0.0%	0.0%	9.0%	44.3%
040131132041	Yes	100.0%	51.0%	60.2%	3.1%	0.0%	0.8%	0.0%	12.0%	33.1%
040131132042	Yes	100.0%	35.5%	62.8%	5.4%	6.8%	0.0%	0.0%	11.4%	40.9%
040131132043	Yes	100.0%	47.9%	28.6%	9.3%	0.0%	20.9%	0.0%	0.0%	22.0%
040131133011	Yes	100.0%	43.5%	48.3%	39.4%	0.5%	0.2%	0.0%	1.1%	15.4%
040131133012	Yes	100.0%	52.7%	81.8%	12.1%	0.0%	0.0%	0.0%	10.7%	24.5%
040131133013	Yes	100.0%	81.9%	51.5%	5.1%	0.0%	0.0%	0.0%	2.5%	10.5%
040131133014	Yes	100.0%	30.5%	67.5%	8.2%	12.0%	0.0%	0.0%	10.6%	38.7%
040131135021	Yes	100.0%	38.2%	82.6%	15.2%	0.0%	0.0%	0.0%	7.2%	39.4%
040131135031	Yes	100.0%	53.8%	86.9%	2.5%	3.0%	0.0%	0.0%	6.6%	34.1%
040131135032	Yes	100.0%	35.7%	70.8%	10.1%	0.6%	0.0%	0.0%	7.5%	46.1%
040131135033	No	100.0%	100.0%	36.5%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
040131136011	Yes	100.0%	73.7%	86.0%	5.9%	0.0%	1.6%	0.0%	8.6%	10.2%
040131136012	No	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
040131136013	Yes	100.0%	67.1%	50.0%	6.3%	8.9%	6.1%	0.0%	2.6%	9.0%
040131136021	Yes	100.0%	25.3%	73.3%	19.4%	4.8%	0.0%	0.0%	17.8%	32.7%
040131136022	Yes	100.0%	38.6%	58.7%	19.3%	2.8%	0.0%	0.0%	18.2%	21.2%
040131137011	Yes	100.0%	56.2%	77.6%	0.0%	3.7%	0.0%	0.0%	14.5%	25.6%
040131137012	Yes	100.0%	34.6%	17.9%	41.8%	0.0%	0.0%	0.0%	0.0%	23.6%
040131137013	Yes	100.0%	42.6%	50.2%	15.0%	6.0%	2.7%	0.0%	4.1%	29.5%
040131137014	Yes	100.0%	23.6%	76.9%	7.9%	0.4%	2.9%	0.0%	17.2%	48.1%
040131137021	Yes	100.0%	22.0%	78.8%	1.7%	0.0%	0.0%	0.0%	2.6%	73.6%
040131137022	Yes	100.0%	15.0%	29.1%	49.1%	6.6%	0.9%	0.0%	0.9%	27.7%
040131138001	No	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
040131138002	No	100.0%	63.9%	26.2%	0.0%	0.0%	17.6%	0.0%	2.2%	16.2%

**TABLE 15: MINORITY PERCENTAGE BY CENSUS BLOCK GROUPS
(2022 ACS)**

GEO ID	Minority Above Average %?	Total Population	White	Hispanic or Latino	Black	American Indian	Asian	Native Hawaiian	Other	TwoRaces
040131138003	No	100.0%	100.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
040131138004	Yes	100.0%	48.2%	20.7%	32.2%	0.0%	8.1%	0.0%	10.2%	1.3%
040131138005	Yes	100.0%	41.0%	47.5%	9.6%	0.0%	0.0%	0.0%	1.1%	48.3%
040131138006	No	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
040131138007	Yes	100.0%	64.3%	80.5%	1.4%	0.0%	0.4%	0.0%	2.1%	31.9%
040131139001	Yes	100.0%	17.7%	27.4%	28.3%	29.2%	0.0%	0.0%	0.0%	24.8%
040131139002	Yes	100.0%	33.4%	68.9%	25.1%	9.2%	0.0%	0.0%	7.2%	25.1%
040131140001	Yes	100.0%	59.9%	76.2%	12.0%	0.0%	0.0%	0.0%	8.3%	19.8%
040131140002	Yes	100.0%	100.0%	100.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
040131140003	No	100.0%	79.5%	9.1%	7.6%	0.0%	8.1%	0.0%	0.0%	4.8%
040131140004	No	100.0%	78.1%	25.1%	0.0%	0.0%	9.3%	0.0%	7.2%	5.4%
040131141001	No	100.0%	71.5%	20.9%	13.5%	4.3%	1.1%	0.0%	1.2%	8.4%
040131142001	Yes	100.0%	32.7%	56.9%	18.2%	9.0%	0.0%	0.0%	15.0%	25.1%
040131143011	Yes	100.0%	41.9%	51.5%	3.7%	6.0%	0.0%	0.0%	1.6%	46.8%
040131143021	Yes	100.0%	29.7%	82.5%	11.0%	0.8%	0.0%	0.0%	17.1%	41.4%
040131143022	Yes	100.0%	26.3%	47.6%	43.0%	3.3%	1.9%	0.0%	1.7%	23.9%
040131144011	Yes	100.0%	29.3%	91.1%	2.5%	8.3%	0.0%	0.5%	37.2%	22.1%
040131144021	Yes	100.0%	59.1%	88.2%	1.8%	1.5%	0.7%	0.0%	17.6%	19.3%
040131144022	Yes	100.0%	46.9%	82.0%	14.0%	2.4%	2.5%	0.0%	18.3%	15.7%
040131145001	Yes	100.0%	38.1%	91.1%	0.0%	6.2%	0.7%	0.0%	35.1%	20.0%
040131145002	Yes	100.0%	65.8%	94.3%	0.0%	0.0%	0.0%	0.0%	16.5%	17.7%
040131145003	Yes	100.0%	45.0%	83.6%	1.0%	2.8%	3.0%	0.0%	27.3%	20.9%
040131146001	Yes	100.0%	48.5%	88.3%	2.3%	0.6%	0.0%	0.0%	11.7%	36.9%
040131147041	Yes	100.0%	50.5%	74.1%	3.3%	5.4%	0.0%	0.0%	25.1%	15.8%
040131147051	Yes	100.0%	41.4%	26.3%	24.6%	10.3%	0.4%	0.0%	13.6%	9.8%
040131148001	Yes	100.0%	49.8%	81.0%	4.1%	5.9%	1.2%	0.0%	9.1%	29.9%
040131148002	Yes	100.0%	38.4%	85.6%	7.2%	0.0%	0.0%	0.0%	13.8%	40.5%
040131148003	Yes	100.0%	41.2%	62.3%	5.6%	4.4%	0.0%	0.0%	14.6%	34.1%
040131149001	Yes	100.0%	45.5%	60.9%	16.6%	4.3%	7.6%	0.0%	15.8%	10.2%
040131149002	Yes	100.0%	43.8%	70.1%	0.0%	9.5%	0.0%	0.0%	7.5%	39.2%
040131149003	Yes	100.0%	49.5%	66.8%	23.8%	0.0%	0.0%	0.0%	3.5%	23.3%
040131152001	No	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
040131152002	Yes	100.0%	45.4%	53.2%	6.5%	2.5%	7.9%	9.8%	9.6%	18.3%
040131152003	Yes	100.0%	47.5%	77.4%	5.1%	6.1%	0.0%	0.0%	4.6%	36.8%
040131153001	Yes	100.0%	49.2%	65.8%	31.0%	1.6%	0.3%	0.0%	1.2%	16.7%
040131153002	Yes	100.0%	34.8%	63.9%	12.8%	5.7%	0.0%	0.0%	18.8%	28.0%
040131154001	Yes	100.0%	38.9%	63.1%	24.6%	0.0%	0.0%	0.0%	12.8%	23.7%
040131154002	Yes	100.0%	32.1%	90.7%	0.0%	0.0%	0.0%	0.0%	18.3%	49.5%
040131155001	Yes	100.0%	58.2%	91.4%	0.0%	0.8%	0.0%	0.7%	26.8%	13.5%
040131155002	Yes	100.0%	50.6%	88.6%	1.0%	0.0%	0.0%	0.0%	24.7%	23.7%
040131156001	Yes	100.0%	14.7%	37.6%	55.3%	7.0%	1.3%	0.0%	4.5%	17.3%
040131156002	Yes	100.0%	30.0%	80.4%	13.2%	5.1%	0.0%	0.8%	13.0%	37.8%
040131157001	Yes	100.0%	31.2%	90.7%	0.0%	1.8%	0.0%	0.0%	36.5%	30.4%
040131157002	Yes	100.0%	32.4%	59.1%	23.6%	0.0%	0.7%	0.0%	20.0%	23.3%
040131157003	Yes	100.0%	9.7%	82.0%	9.9%	4.8%	0.0%	0.0%	31.4%	44.2%
040131157004	Yes	100.0%	49.1%	87.1%	0.0%	0.0%	0.0%	0.0%	23.0%	27.9%
040131158011	Yes	100.0%	44.1%	69.8%	11.8%	9.0%	2.1%	0.0%	8.7%	24.5%
040131158012	Yes	100.0%	31.4%	81.0%	16.3%	0.0%	0.0%	0.0%	23.5%	28.8%
040131158021	Yes	100.0%	24.4%	85.7%	3.6%	1.3%	0.0%	0.0%	18.0%	52.8%
040131158022	Yes	100.0%	45.9%	81.0%	10.6%	2.0%	0.0%	0.0%	9.0%	32.5%
040131159001	Yes	100.0%	40.7%	69.2%	15.0%	1.2%	0.9%	0.0%	9.6%	32.6%
040131159002	Yes	100.0%	54.4%	84.0%	0.1%	0.8%	0.5%	0.0%	41.1%	3.1%
040131159003	Yes	100.0%	41.0%	66.7%	18.7%	10.1%	2.5%	0.0%	4.2%	23.5%
040131160001	Yes	100.0%	26.3%	43.3%	56.3%	0.3%	0.0%	0.0%	2.2%	14.9%
040131160002	Yes	100.0%	25.2%	54.5%	31.9%	8.1%	0.0%	0.0%	20.3%	14.5%
040131160003	Yes	100.0%	55.7%	23.1%	3.6%	3.6%	16.9%	0.0%	6.6%	13.7%
040131160004	Yes	100.0%	36.2%	50.5%	23.0%	2.0%	3.3%	0.0%	24.4%	11.2%
040131161001	Yes	100.0%	23.9%	45.9%	43.5%	4.8%	0.0%	0.0%	16.7%	11.1%
040131161002	Yes	100.0%	48.2%	51.9%	29.3%	0.0%	8.7%	0.0%	0.6%	13.3%
040131161003	Yes	100.0%	44.8%	54.8%	31.0%	0.0%	3.5%	0.0%	20.8%	0.0%
040131162021	Yes	100.0%	52.4%	80.6%	5.5%	1.8%	0.0%	0.0%	9.9%	30.5%
040131162022	Yes	100.0%	43.7%	73.3%	8.5%	4.2%	6.4%	0.0%	18.8%	18.4%

**TABLE 15: MINORITY PERCENTAGE BY CENSUS BLOCK GROUPS
(2022 ACS)**

GEO ID	Minority Above Average %?	Total Population	White	Hispanic or Latino	Black	American Indian	Asian	Native Hawaiian	Other	TwoRaces
040131162023	Yes	100.0%	39.9%	74.8%	2.5%	1.0%	0.3%	0.0%	11.1%	45.2%
040131162024	Yes	100.0%	18.5%	64.3%	19.6%	2.4%	0.0%	0.0%	47.5%	12.0%
040131162031	Yes	100.0%	54.6%	75.5%	5.5%	0.0%	2.2%	0.0%	10.8%	26.9%
040131162032	Yes	100.0%	28.8%	16.4%	34.6%	1.6%	6.6%	17.7%	1.8%	8.8%
040131162033	Yes	100.0%	35.4%	48.1%	7.9%	0.0%	11.5%	1.9%	6.0%	37.3%
040131162041	Yes	100.0%	30.9%	79.5%	2.5%	0.9%	1.7%	0.0%	6.2%	57.8%
040131162042	Yes	100.0%	34.2%	73.4%	1.7%	2.8%	0.0%	0.0%	28.8%	32.4%
040131162043	Yes	100.0%	58.0%	47.6%	14.0%	1.4%	0.0%	0.0%	19.9%	6.7%
040131162051	Yes	100.0%	58.4%	50.6%	5.8%	0.0%	2.8%	0.0%	12.4%	20.6%
040131162052	Yes	100.0%	46.8%	60.8%	14.6%	1.0%	1.0%	0.0%	17.3%	19.2%
040131162053	Yes	100.0%	32.3%	48.2%	28.5%	1.1%	4.5%	0.3%	12.9%	20.5%
040131163001	Yes	100.0%	42.2%	62.1%	11.5%	2.7%	5.4%	0.0%	2.2%	36.0%
040131163002	Yes	100.0%	26.8%	58.3%	37.7%	0.0%	0.9%	0.0%	7.3%	27.4%
040131163003	Yes	100.0%	52.4%	47.8%	30.2%	6.7%	1.7%	0.0%	5.8%	3.3%
040131164001	Yes	100.0%	35.9%	85.2%	4.1%	0.0%	0.0%	0.0%	10.5%	49.5%
040131164002	Yes	100.0%	44.4%	78.3%	1.8%	1.8%	0.0%	0.0%	8.1%	43.8%
040131164003	Yes	100.0%	39.9%	60.0%	21.8%	0.8%	1.6%	0.9%	8.5%	26.4%
040131164004	Yes	100.0%	33.8%	72.1%	7.0%	6.2%	0.0%	0.0%	18.3%	34.6%
040131165001	Yes	100.0%	73.4%	98.8%	0.0%	2.8%	1.2%	0.0%	6.5%	16.1%
040131165002	Yes	100.0%	41.9%	73.1%	5.3%	0.0%	0.0%	0.0%	7.5%	45.4%
040131165003	Yes	100.0%	28.8%	76.8%	11.4%	2.6%	0.0%	0.0%	35.4%	21.7%
040131166051	Yes	100.0%	18.7%	23.7%	30.4%	0.0%	2.8%	0.0%	19.7%	28.4%
040131166052	Yes	100.0%	33.7%	59.2%	3.7%	2.8%	15.6%	0.0%	20.6%	23.7%
040131166053	Yes	100.0%	41.3%	39.8%	26.9%	0.0%	11.4%	0.0%	18.8%	1.5%
040131166054	Yes	100.0%	24.1%	59.7%	16.6%	0.0%	0.0%	0.0%	34.5%	24.8%
040131166061	Yes	100.0%	47.0%	72.3%	3.4%	0.0%	1.8%	0.0%	42.2%	5.6%
040131166062	Yes	100.0%	35.1%	36.8%	33.4%	0.9%	9.3%	0.0%	9.1%	12.2%
040131166063	Yes	100.0%	20.5%	43.9%	33.3%	0.0%	14.3%	0.0%	17.3%	14.6%
040131166071	Yes	100.0%	40.9%	60.5%	16.0%	1.0%	3.4%	0.0%	26.4%	12.3%
040131166072	Yes	100.0%	28.8%	50.0%	41.1%	0.0%	3.8%	0.0%	11.7%	14.7%
040131166101	Yes	100.0%	31.0%	49.8%	22.8%	1.1%	1.4%	0.0%	36.0%	7.6%
040131166102	Yes	100.0%	53.6%	50.6%	11.6%	7.8%	4.0%	2.8%	6.9%	13.3%
040131166103	Yes	100.0%	35.4%	39.2%	17.2%	4.3%	18.9%	0.0%	0.0%	24.2%
040131166111	Yes	100.0%	43.5%	42.8%	19.9%	0.0%	3.8%	4.0%	9.1%	19.7%
040131166112	Yes	100.0%	51.8%	41.0%	9.7%	1.6%	7.3%	2.4%	17.5%	9.6%
040131166121	Yes	100.0%	21.5%	38.6%	38.5%	0.9%	6.5%	0.0%	14.0%	18.5%
040131166122	Yes	100.0%	53.4%	35.5%	6.7%	0.0%	11.5%	0.0%	4.4%	24.0%
040131166123	Yes	100.0%	40.6%	53.0%	18.3%	0.9%	0.0%	0.0%	27.5%	12.7%
040131166141	Yes	100.0%	30.7%	60.1%	18.8%	0.0%	7.0%	0.0%	33.9%	9.6%
040131166151	Yes	100.0%	38.2%	88.6%	1.3%	0.0%	0.0%	0.0%	25.0%	35.5%
040131166152	Yes	100.0%	44.8%	52.0%	34.7%	0.0%	0.0%	0.0%	0.0%	20.4%
040131166161	Yes	100.0%	44.9%	55.4%	15.1%	0.0%	0.3%	0.0%	16.1%	23.6%
040131166162	Yes	100.0%	34.8%	38.9%	45.1%	2.0%	0.7%	0.0%	8.5%	8.9%
040131166171	Yes	100.0%	44.3%	37.7%	12.9%	0.2%	8.4%	0.0%	10.6%	23.6%
040131166172	Yes	100.0%	59.8%	62.8%	2.4%	11.5%	0.0%	0.0%	6.8%	19.4%
040131166181	Yes	100.0%	34.1%	51.4%	16.3%	3.1%	3.3%	0.0%	21.5%	21.7%
040131166182	Yes	100.0%	40.3%	50.8%	19.6%	0.0%	0.0%	0.0%	12.2%	27.9%
040131166191	Yes	100.0%	53.0%	35.4%	27.3%	0.8%	4.5%	0.0%	13.6%	0.7%
040131166192	Yes	100.0%	45.2%	49.2%	19.5%	0.0%	6.7%	0.0%	22.2%	6.3%
040131166201	Yes	100.0%	64.4%	47.2%	0.0%	0.0%	0.0%	0.0%	9.3%	26.2%
040131166202	Yes	100.0%	62.2%	33.2%	22.1%	0.0%	1.0%	0.0%	0.7%	13.9%
040131166203	Yes	100.0%	37.0%	58.5%	15.2%	0.0%	0.8%	0.0%	18.6%	28.4%
040131166204	Yes	100.0%	32.3%	42.4%	28.2%	0.0%	0.0%	0.0%	33.3%	6.2%
040131166205	Yes	100.0%	43.9%	41.7%	12.6%	1.7%	0.7%	0.0%	21.2%	19.9%
040131166211	Yes	100.0%	46.6%	49.8%	10.1%	0.0%	5.4%	0.0%	25.3%	12.6%
040131166212	Yes	100.0%	37.9%	33.3%	27.9%	0.5%	4.7%	0.0%	20.5%	8.5%
040131167031	Yes	100.0%	60.7%	32.7%	9.8%	0.0%	0.7%	0.0%	4.6%	24.2%
040131167032	Yes	100.0%	46.3%	65.7%	17.4%	1.5%	0.5%	0.0%	13.8%	20.6%
040131167033	Yes	100.0%	42.3%	51.9%	17.6%	2.4%	5.8%	0.0%	4.0%	28.0%
040131167071	No	100.0%	81.8%	21.4%	0.0%	0.0%	0.0%	0.0%	2.1%	16.1%
040131167072	No	100.0%	83.7%	9.2%	2.5%	0.0%	2.9%	0.0%	3.2%	7.7%
040131167081	No	100.0%	88.8%	3.9%	0.8%	3.2%	2.0%	0.0%	0.0%	5.3%

**TABLE 15: MINORITY PERCENTAGE BY CENSUS BLOCK GROUPS
(2022 ACS)**

GEO ID	Minority Above Average %?	Total Population	White	Hispanic or Latino	Black	American Indian	Asian	Native Hawaiian	Other	TwoRaces
040131167082	No	100.0%	61.6%	13.0%	5.4%	22.7%	4.4%	0.0%	4.7%	1.1%
040131167083	No	100.0%	73.3%	21.6%	13.0%	9.8%	2.0%	0.0%	0.0%	1.8%
040131167084	No	100.0%	92.9%	9.6%	1.7%	0.0%	1.2%	0.0%	0.2%	4.0%
040131167091	Yes	100.0%	51.9%	30.5%	11.2%	0.0%	10.8%	2.0%	16.1%	8.1%
040131167092	Yes	100.0%	66.7%	38.1%	0.2%	0.0%	2.3%	0.0%	15.2%	15.7%
040131167101	No	100.0%	86.8%	1.7%	0.4%	4.1%	0.2%	0.0%	0.3%	8.2%
040131167102	No	100.0%	81.8%	10.5%	0.0%	0.6%	6.3%	0.0%	10.2%	1.1%
040131167103	No	100.0%	89.9%	4.1%	2.0%	0.0%	3.6%	0.0%	4.0%	0.5%
040131167111	No	100.0%	73.2%	22.2%	3.9%	2.0%	2.5%	0.0%	14.0%	4.4%
040131167112	Yes	100.0%	51.4%	24.7%	11.5%	6.3%	6.9%	0.0%	8.7%	15.2%
040131167121	Yes	100.0%	57.1%	25.4%	4.3%	2.0%	11.3%	0.0%	6.0%	19.2%
040131167122	No	100.0%	63.3%	3.3%	4.2%	17.4%	3.1%	0.0%	0.1%	11.9%
040131167123	No	100.0%	59.6%	20.4%	10.3%	0.0%	13.7%	0.0%	3.3%	13.1%
040131167131	No	100.0%	64.6%	5.8%	6.3%	0.0%	6.3%	1.3%	0.0%	21.4%
040131167132	No	100.0%	95.4%	1.5%	0.0%	0.0%	2.0%	0.0%	0.0%	2.7%
040131167133	No	100.0%	62.4%	19.3%	16.6%	0.0%	0.0%	0.0%	4.3%	16.6%
040131167134	No	100.0%	79.8%	16.7%	0.0%	0.0%	7.1%	0.0%	0.8%	12.3%
040131167135	No	100.0%	72.5%	9.1%	0.0%	0.0%	0.9%	0.0%	25.8%	0.8%
040131167141	No	100.0%	63.9%	12.7%	8.0%	0.7%	11.9%	0.0%	7.5%	8.0%
040131167142	No	100.0%	79.3%	14.3%	0.0%	0.5%	13.4%	0.0%	1.0%	5.9%
040131167151	No	100.0%	79.0%	11.6%	5.9%	4.6%	5.7%	0.0%	1.5%	3.3%
040131167152	No	100.0%	79.2%	11.2%	6.7%	0.0%	3.9%	0.6%	7.3%	2.2%
040131167171	Yes	100.0%	38.2%	23.0%	28.7%	5.5%	11.0%	0.0%	2.0%	14.5%
040131167172	Yes	100.0%	66.5%	39.0%	4.1%	9.7%	5.1%	0.0%	0.5%	14.1%
040131167181	No	100.0%	71.7%	24.4%	8.5%	2.0%	6.8%	0.0%	4.2%	6.8%
040131167182	Yes	100.0%	58.2%	24.5%	17.7%	1.0%	0.0%	0.0%	7.8%	15.2%
040131167191	No	100.0%	70.5%	15.3%	11.7%	11.8%	1.5%	0.0%	0.0%	4.4%
040131167192	Yes	100.0%	45.2%	22.3%	9.0%	6.1%	11.0%	0.0%	12.3%	16.5%
040131167193	No	100.0%	86.9%	5.6%	0.0%	1.7%	8.2%	0.0%	2.5%	0.7%
040131167194	No	100.0%	73.1%	14.8%	2.0%	1.5%	6.6%	0.0%	2.1%	14.6%
040131167201	No	100.0%	63.5%	26.2%	2.8%	0.0%	4.3%	0.0%	20.2%	9.3%
040131167202	Yes	100.0%	46.7%	17.2%	32.9%	4.6%	0.0%	0.0%	4.9%	11.0%
040131167203	No	100.0%	62.7%	19.2%	8.2%	1.6%	4.1%	2.4%	8.1%	13.0%
040131167211	No	100.0%	74.4%	8.9%	0.0%	0.0%	2.8%	0.0%	8.3%	14.5%
040131167212	No	100.0%	82.8%	18.1%	0.0%	1.5%	3.2%	0.0%	2.1%	10.4%
040131167251	No	100.0%	97.6%	1.2%	0.0%	0.0%	1.1%	0.0%	0.0%	1.3%
040131167252	No	100.0%	70.9%	15.1%	0.9%	2.3%	6.0%	0.0%	2.0%	18.0%
040131167253	No	100.0%	83.6%	6.5%	0.0%	0.0%	13.0%	0.0%	0.0%	3.3%
040131167254	Yes	100.0%	43.4%	43.8%	10.4%	0.0%	10.2%	0.0%	16.9%	19.1%
040131167271	No	100.0%	76.7%	12.0%	5.0%	0.0%	14.7%	0.0%	1.2%	2.5%
040131167272	No	100.0%	81.8%	19.5%	0.9%	0.0%	2.6%	0.0%	1.9%	12.8%
040131167273	No	100.0%	71.7%	11.0%	11.6%	0.0%	8.9%	0.0%	4.2%	3.6%
040131167281	Yes	100.0%	54.8%	31.1%	1.9%	0.0%	10.7%	0.7%	2.5%	29.4%
040131167282	No	100.0%	41.6%	5.4%	3.7%	0.0%	47.5%	0.0%	2.5%	4.8%
040131167283	No	100.0%	87.7%	2.2%	3.1%	0.0%	3.5%	1.3%	0.0%	4.5%
040131167291	No	100.0%	83.5%	7.0%	0.0%	0.0%	8.1%	0.0%	0.6%	7.8%
040131167292	No	100.0%	81.4%	14.6%	3.2%	0.0%	4.1%	0.0%	0.0%	11.3%
040131167293	No	100.0%	86.4%	12.0%	2.0%	0.0%	2.2%	0.0%	0.8%	8.6%
040131167301	No	100.0%	62.1%	15.8%	7.5%	0.1%	12.7%	0.0%	6.3%	11.3%
040131167311	No	100.0%	64.7%	17.7%	2.1%	0.8%	15.4%	0.0%	4.4%	12.6%
040131167312	Yes	100.0%	58.7%	34.2%	2.8%	0.0%	8.9%	2.3%	6.3%	21.1%
040131167321	Yes	100.0%	46.2%	67.5%	11.4%	13.0%	0.0%	0.0%	11.4%	18.0%
040131167322	Yes	100.0%	41.3%	77.9%	5.5%	0.1%	0.7%	0.0%	38.9%	13.5%
040131167323	No	100.0%	58.3%	16.4%	27.5%	0.0%	6.0%	0.0%	0.0%	8.2%
040131167331	No	100.0%	100.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
040131167341	Yes	100.0%	48.1%	69.0%	14.3%	0.0%	0.1%	0.0%	27.0%	10.6%
040131167351	Yes	100.0%	58.0%	53.2%	20.8%	0.0%	0.0%	0.0%	12.6%	8.6%
040131167352	Yes	100.0%	26.9%	66.7%	10.3%	16.5%	0.0%	0.0%	32.5%	13.9%
040131167361	Yes	100.0%	64.2%	69.6%	0.6%	0.0%	0.0%	0.0%	12.4%	22.8%
040131167362	Yes	100.0%	27.7%	47.0%	14.3%	13.0%	7.1%	0.0%	22.9%	15.0%
040131167371	No	100.0%	67.0%	30.2%	13.1%	0.0%	3.6%	0.0%	11.7%	4.7%
040131167372	Yes	100.0%	34.9%	42.4%	25.3%	0.0%	4.8%	0.0%	17.8%	17.2%

**TABLE 15: MINORITY PERCENTAGE BY CENSUS BLOCK GROUPS
(2022 ACS)**

GEO ID	Minority Above Average %?	Total Population	White	Hispanic or Latino	Black	American Indian	Asian	Native Hawaiian	Other	TwoRaces
040131167381	No	100.0%	76.1%	11.2%	9.7%	0.6%	6.6%	0.0%	3.4%	3.8%
040131167382	No	100.0%	76.2%	17.3%	1.5%	0.0%	13.9%	0.0%	3.3%	5.1%
040131167383	Yes	100.0%	42.0%	51.4%	20.9%	11.5%	6.0%	0.0%	4.3%	15.3%
040131168001	No	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
040131168002	No	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
040131168003	Yes	100.0%	41.5%	57.9%	1.6%	4.1%	0.0%	0.4%	7.9%	44.5%
040131168004	Yes	100.0%	72.7%	89.0%	0.0%	0.0%	0.0%	0.0%	15.5%	11.8%
040131169001	Yes	100.0%	42.4%	86.4%	1.5%	1.3%	1.1%	0.0%	9.8%	43.8%
040131170001	No	100.0%	85.0%	41.9%	5.8%	0.0%	0.0%	0.0%	2.9%	6.3%
040131170002	Yes	100.0%	35.6%	47.1%	26.4%	1.8%	4.2%	0.0%	4.9%	27.1%
040131170003	Yes	100.0%	41.4%	49.5%	25.2%	2.3%	6.7%	1.6%	5.4%	17.4%
040131171001	No	100.0%	63.9%	23.6%	5.0%	9.0%	3.7%	0.0%	7.9%	10.5%
040131171002	Yes	100.0%	38.8%	37.1%	19.2%	0.0%	3.7%	0.0%	7.5%	30.8%
040131172001	No	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
040131172002	Yes	100.0%	16.7%	100.0%	0.0%	0.0%	0.0%	0.0%	28.6%	54.8%
040131172003	Yes	100.0%	54.8%	93.2%	0.0%	3.7%	0.0%	0.0%	15.2%	26.2%
040131173001	Yes	100.0%	25.7%	94.0%	0.0%	0.0%	0.0%	0.0%	13.3%	61.0%
040131173002	Yes	100.0%	7.5%	49.8%	43.3%	2.8%	0.0%	0.0%	6.3%	40.1%
040132168061	No	100.0%	90.8%	10.2%	0.0%	0.0%	3.7%	0.0%	0.5%	5.0%
040132168062	No	100.0%	84.6%	1.3%	3.5%	0.0%	6.6%	0.0%	0.0%	5.2%
040132168071	No	100.0%	95.5%	4.5%	0.0%	0.0%	0.0%	0.0%	0.9%	3.6%
040132168072	No	100.0%	90.6%	0.0%	0.0%	0.0%	1.7%	4.3%	0.0%	3.4%
040132168073	No	100.0%	89.3%	11.7%	0.8%	0.0%	0.9%	0.0%	0.4%	8.6%
040132168091	No	100.0%	90.0%	3.3%	0.0%	1.2%	2.7%	0.0%	0.0%	6.1%
040132168092	No	100.0%	71.0%	2.2%	0.0%	0.0%	22.7%	0.0%	6.3%	0.0%
040132168093	No	100.0%	82.1%	8.1%	0.9%	0.0%	10.7%	0.0%	2.9%	3.3%
040132168101	No	100.0%	80.7%	4.9%	6.0%	0.0%	5.9%	2.0%	1.6%	3.9%
040132168131	No	100.0%	76.5%	7.7%	0.0%	0.0%	9.4%	0.8%	4.3%	8.9%
040132168132	No	100.0%	93.8%	6.2%	0.0%	0.0%	0.0%	0.0%	0.0%	6.2%
040132168133	No	100.0%	98.0%	4.4%	0.0%	0.0%	2.0%	0.0%	0.0%	0.0%
040132168134	No	100.0%	94.9%	3.6%	0.0%	0.0%	0.0%	0.0%	0.0%	5.1%
040132168161	No	100.0%	94.1%	2.3%	0.1%	0.0%	3.2%	0.0%	1.7%	0.9%
040132168162	No	100.0%	79.4%	9.3%	4.6%	0.0%	8.3%	0.0%	0.6%	7.1%
040132168163	No	100.0%	85.7%	12.8%	0.0%	1.5%	5.4%	0.0%	6.2%	1.3%
040132168191	No	100.0%	93.3%	5.2%	0.0%	0.0%	1.8%	0.0%	0.6%	4.3%
040132168192	No	100.0%	89.2%	4.5%	0.3%	0.1%	1.1%	0.0%	0.0%	9.4%
040132168193	No	100.0%	73.4%	1.8%	21.0%	0.0%	3.4%	0.0%	0.0%	2.3%
040132168201	No	100.0%	98.3%	1.8%	0.0%	0.0%	0.6%	0.8%	0.0%	0.3%
040132168202	No	100.0%	89.0%	6.1%	1.8%	1.8%	2.5%	0.0%	1.9%	3.0%
040132168203	No	100.0%	89.2%	8.5%	0.0%	0.0%	0.6%	0.0%	1.5%	8.7%
040132168211	No	100.0%	97.9%	0.0%	0.0%	0.0%	0.9%	0.0%	0.0%	1.2%
040132168212	No	100.0%	96.1%	5.2%	0.0%	0.0%	2.3%	0.0%	1.7%	0.0%
040132168213	No	100.0%	89.0%	0.1%	0.0%	0.0%	2.9%	0.0%	0.0%	8.0%
040132168214	No	100.0%	97.8%	2.2%	0.0%	0.0%	0.0%	0.0%	2.2%	0.0%
040132168221	No	100.0%	81.8%	5.8%	1.0%	0.0%	8.4%	0.0%	1.6%	7.2%
040132168222	No	100.0%	96.1%	4.0%	0.0%	0.0%	3.3%	0.0%	0.0%	0.6%
040132168223	No	100.0%	94.6%	1.7%	0.0%	0.0%	4.3%	0.0%	0.0%	1.1%
040132168261	No	100.0%	92.6%	7.0%	1.3%	0.0%	0.1%	0.1%	1.5%	4.4%
040132168262	No	100.0%	80.4%	0.6%	0.0%	0.0%	12.7%	0.0%	0.0%	6.9%
040132168263	No	100.0%	94.7%	4.6%	0.0%	0.0%	4.1%	1.2%	0.0%	0.0%
040132168264	No	100.0%	100.0%	6.7%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
040132168291	No	100.0%	89.4%	3.6%	7.1%	0.0%	0.0%	0.0%	0.0%	3.5%
040132168292	No	100.0%	86.9%	10.6%	8.8%	0.0%	3.0%	0.0%	0.0%	1.4%
040132168293	No	100.0%	97.2%	9.7%	0.0%	0.0%	1.5%	0.0%	0.0%	1.3%
040132168294	No	100.0%	97.6%	0.0%	2.4%	0.0%	0.0%	0.0%	0.0%	0.0%
040132168301	No	100.0%	66.9%	25.2%	0.0%	0.8%	9.1%	0.0%	5.7%	17.5%
040132168302	No	100.0%	94.0%	7.7%	0.8%	0.1%	1.0%	0.0%	1.0%	3.2%
040132168311	No	100.0%	94.0%	12.6%	0.5%	0.0%	0.9%	2.5%	0.0%	2.2%
040132168312	No	100.0%	91.2%	1.2%	0.0%	0.7%	4.5%	0.0%	0.7%	3.0%
040132168321	No	100.0%	96.7%	0.0%	1.4%	0.4%	0.6%	0.0%	0.0%	0.9%
040132168322	No	100.0%	97.0%	0.0%	0.0%	0.0%	1.6%	0.0%	0.0%	1.4%
040132168331	No	100.0%	77.5%	3.0%	4.3%	0.0%	13.3%	0.0%	1.2%	3.7%

**TABLE 15: MINORITY PERCENTAGE BY CENSUS BLOCK GROUPS
(2022 ACS)**

GEO ID	Minority Above Average %?	Total Population	White	Hispanic or Latino	Black	American Indian	Asian	Native Hawaiian	Other	TwoRaces
040132168332	No	100.0%	94.4%	0.0%	0.0%	0.0%	5.6%	0.0%	0.0%	0.0%
040132168333	No	100.0%	85.5%	7.3%	0.0%	0.0%	9.3%	0.0%	5.2%	0.0%
040132168341	Yes	100.0%	61.7%	28.2%	0.9%	0.0%	1.7%	0.0%	0.0%	35.7%
040132168342	No	100.0%	67.0%	3.9%	27.2%	0.1%	1.0%	0.0%	0.0%	4.8%
040132168351	No	100.0%	85.0%	5.9%	1.4%	2.3%	2.2%	0.0%	0.0%	9.1%
040132168352	No	100.0%	88.8%	6.7%	0.0%	0.2%	3.4%	2.7%	0.0%	4.9%
040132168361	No	100.0%	83.2%	7.0%	0.9%	0.0%	5.1%	0.0%	1.5%	9.3%
040132168362	No	100.0%	91.5%	12.3%	1.8%	0.0%	0.6%	0.0%	0.5%	5.6%
040132168371	No	100.0%	80.3%	10.3%	1.8%	0.0%	9.3%	0.0%	0.0%	8.6%
040132168372	No	100.0%	74.8%	5.1%	8.4%	0.6%	6.3%	0.0%	5.0%	5.0%
040132168373	No	100.0%	70.4%	8.2%	11.3%	2.4%	5.8%	0.0%	0.8%	9.4%
040132168381	No	100.0%	63.1%	12.4%	1.1%	0.0%	23.3%	0.0%	0.0%	12.4%
040132168382	No	100.0%	64.1%	5.2%	0.0%	0.0%	28.3%	0.0%	0.0%	7.6%
040132168383	No	100.0%	95.3%	1.7%	0.5%	0.2%	0.0%	0.0%	0.1%	3.9%
040132168391	No	100.0%	89.1%	3.2%	0.0%	0.1%	4.1%	0.0%	1.7%	5.1%
040132168392	No	100.0%	78.3%	9.6%	3.9%	0.0%	7.9%	0.0%	1.0%	8.9%
040132168393	No	100.0%	86.2%	7.2%	0.0%	0.0%	4.4%	0.0%	2.5%	6.9%
040132168401	No	100.0%	84.6%	17.7%	2.8%	0.0%	3.4%	0.0%	0.2%	8.9%
040132168402	No	100.0%	95.9%	2.1%	1.5%	0.0%	0.0%	0.0%	0.2%	2.4%
040132168403	No	100.0%	88.1%	3.0%	9.6%	0.0%	0.0%	0.0%	0.0%	2.3%
040132168411	No	100.0%	88.2%	9.8%	0.0%	0.0%	4.6%	0.0%	2.5%	4.6%
040132168412	No	100.0%	86.0%	14.6%	0.0%	0.4%	3.9%	0.6%	1.7%	7.4%
040132168421	No	100.0%	89.6%	2.3%	0.0%	0.0%	6.8%	0.0%	1.7%	1.8%
040132168422	No	100.0%	80.1%	9.3%	0.0%	0.0%	7.8%	0.0%	0.4%	11.8%
040132168431	No	100.0%	90.1%	0.0%	0.0%	0.0%	9.9%	0.0%	0.0%	0.0%
040132168432	No	100.0%	98.3%	0.0%	0.0%	1.7%	0.0%	0.0%	0.0%	0.0%
040132168433	No	100.0%	98.6%	5.2%	0.0%	0.0%	0.5%	0.0%	0.4%	0.5%
040132168441	No	100.0%	84.7%	5.7%	0.0%	0.0%	11.6%	0.0%	0.0%	3.7%
040132168442	No	100.0%	84.2%	11.8%	4.1%	0.0%	2.5%	0.0%	4.7%	4.4%
040132168451	No	100.0%	76.9%	22.5%	1.0%	0.0%	1.5%	0.0%	9.2%	11.4%
040132168452	No	100.0%	80.4%	13.0%	3.3%	0.0%	3.8%	0.0%	1.1%	11.4%
040132168491	No	100.0%	86.0%	2.3%	0.3%	0.0%	6.6%	0.0%	0.0%	7.1%
040132168492	No	100.0%	79.3%	5.1%	4.6%	2.7%	7.4%	0.0%	0.0%	5.9%
040132168493	No	100.0%	63.8%	3.4%	7.8%	0.0%	21.8%	0.0%	4.5%	2.1%
040132168494	No	100.0%	86.7%	12.1%	0.0%	0.0%	0.0%	0.0%	1.8%	11.5%
040132168495	No	100.0%	96.7%	0.0%	0.0%	0.0%	2.7%	0.0%	0.0%	0.6%
040132168501	No	100.0%	81.2%	2.9%	2.8%	0.0%	11.2%	0.0%	2.9%	1.9%
040132168502	No	100.0%	80.8%	17.7%	10.1%	0.0%	0.0%	0.0%	2.7%	6.4%
040132168503	No	100.0%	71.1%	23.9%	1.1%	0.0%	2.7%	0.0%	15.5%	9.6%
040132168511	No	100.0%	88.0%	1.0%	0.0%	0.0%	4.9%	0.0%	0.0%	7.2%
040132168512	No	100.0%	86.3%	2.2%	0.0%	2.3%	1.3%	0.0%	1.6%	8.5%
040132168513	No	100.0%	95.3%	4.0%	0.0%	0.0%	0.0%	0.6%	0.0%	4.0%
040132168514	No	100.0%	97.2%	1.5%	0.0%	0.0%	2.8%	0.0%	0.0%	0.0%
040132168521	No	100.0%	87.1%	6.7%	11.2%	0.0%	0.0%	0.0%	1.1%	0.7%
040132168522	No	100.0%	93.4%	10.0%	0.0%	0.0%	3.3%	0.0%	0.0%	3.2%
040132168523	No	100.0%	71.6%	9.6%	8.1%	0.0%	10.9%	2.2%	4.8%	2.4%
040132168531	No	100.0%	82.4%	12.5%	1.0%	0.2%	13.2%	0.0%	0.0%	3.2%
040132168532	No	100.0%	81.4%	14.7%	0.0%	9.2%	2.6%	0.0%	2.7%	4.0%
040132168533	No	100.0%	65.9%	14.3%	0.6%	0.0%	28.2%	0.0%	0.6%	4.7%
040132168534	No	100.0%	73.7%	25.8%	6.4%	0.0%	15.4%	0.0%	0.0%	4.4%
040132168541	No	100.0%	89.0%	7.6%	4.7%	0.0%	1.3%	0.0%	2.9%	2.1%
040132168542	No	100.0%	86.1%	11.5%	0.9%	1.4%	4.0%	0.0%	6.5%	1.2%
040132168551	No	100.0%	96.4%	0.0%	0.0%	0.0%	2.7%	0.0%	0.9%	0.0%
040132168552	No	100.0%	71.8%	8.8%	0.0%	0.0%	19.1%	0.0%	0.0%	9.1%
040132168561	No	100.0%	94.9%	0.1%	1.7%	0.0%	0.0%	0.0%	0.0%	3.4%
040132168562	No	100.0%	95.8%	0.0%	0.0%	0.0%	0.9%	0.0%	0.0%	3.3%
040132168571	No	100.0%	89.3%	0.7%	0.1%	0.0%	6.7%	0.0%	0.7%	3.2%
040132168572	No	100.0%	94.0%	4.4%	4.7%	0.0%	0.0%	0.0%	0.0%	1.3%
040132168573	No	100.0%	90.9%	6.1%	3.3%	0.0%	5.7%	0.0%	0.0%	0.0%
040132168581	No	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
040132168591	No	100.0%	70.3%	20.4%	0.0%	0.0%	7.0%	0.0%	4.4%	18.3%
040132168592	No	100.0%	89.2%	3.6%	0.7%	0.0%	1.3%	0.0%	1.3%	7.6%

**TABLE 15: MINORITY PERCENTAGE BY CENSUS BLOCK GROUPS
(2022 ACS)**

GEO ID	Minority Above Average %?	Total Population	White	Hispanic or Latino	Black	American Indian	Asian	Native Hawaiian	Other	TwoRaces
040132168593	No	100.0%	66.5%	11.0%	0.0%	0.0%	28.9%	0.0%	0.8%	3.8%
040132168601	No	100.0%	72.5%	7.2%	4.8%	0.0%	14.9%	0.0%	0.0%	7.8%
040132168602	No	100.0%	76.3%	9.5%	1.7%	0.0%	12.3%	0.0%	0.0%	9.7%
040132168611	No	100.0%	87.9%	5.5%	3.7%	0.0%	5.6%	0.0%	0.0%	2.8%
040132168612	No	100.0%	80.2%	7.0%	0.9%	0.0%	5.5%	0.0%	2.0%	11.3%
040132168613	No	100.0%	89.3%	5.7%	0.0%	0.0%	2.5%	0.0%	0.3%	7.9%
040132169011	No	100.0%	85.9%	6.6%	5.2%	2.9%	1.1%	0.0%	1.1%	3.9%
040132169012	No	100.0%	82.7%	4.7%	0.0%	9.3%	4.1%	0.0%	0.3%	3.6%
040132169013	No	100.0%	100.0%	5.4%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
040132169021	No	100.0%	83.8%	13.6%	4.2%	2.8%	0.5%	0.0%	0.7%	8.0%
040132169022	No	100.0%	89.4%	7.3%	1.9%	0.5%	0.2%	0.0%	2.0%	6.1%
040132170011	No	100.0%	98.3%	0.0%	0.0%	0.0%	1.7%	0.0%	0.0%	0.0%
040132170012	No	100.0%	93.2%	7.9%	0.0%	0.0%	0.0%	0.0%	0.0%	6.8%
040132170013	No	100.0%	90.7%	1.4%	0.0%	0.0%	3.1%	2.3%	1.8%	2.0%
040132170014	No	100.0%	90.8%	9.2%	0.0%	0.0%	0.0%	0.0%	4.5%	4.7%
040132170015	No	100.0%	86.8%	3.9%	0.2%	0.0%	0.0%	0.0%	0.0%	13.0%
040132170016	No	100.0%	51.4%	15.9%	5.5%	0.0%	27.2%	0.0%	15.9%	0.0%
040132170021	No	100.0%	78.1%	5.5%	5.4%	0.2%	4.4%	3.7%	3.0%	5.1%
040132170022	No	100.0%	77.1%	13.9%	1.3%	0.0%	5.2%	0.9%	0.0%	15.6%
040132170023	No	100.0%	88.4%	5.8%	0.0%	0.0%	5.8%	0.0%	3.0%	2.8%
040132170024	No	100.0%	93.6%	15.1%	0.0%	0.0%	2.6%	0.0%	0.0%	3.7%
040132171011	No	100.0%	90.0%	1.1%	0.0%	0.0%	1.1%	0.0%	5.4%	3.5%
040132171012	No	100.0%	71.8%	21.9%	5.3%	1.1%	0.0%	0.0%	1.6%	20.1%
040132171013	No	100.0%	63.6%	23.4%	1.3%	0.0%	3.3%	0.0%	0.0%	31.7%
040132171021	No	100.0%	91.9%	12.1%	0.0%	0.0%	0.6%	0.0%	1.7%	5.8%
040132171022	No	100.0%	82.0%	15.2%	2.7%	0.7%	0.6%	0.0%	2.3%	11.7%
040132172011	No	100.0%	91.4%	3.1%	2.9%	0.0%	3.1%	0.0%	0.9%	1.7%
040132172012	No	100.0%	91.0%	3.4%	1.1%	0.0%	4.0%	0.0%	1.6%	2.4%
040132172031	No	100.0%	78.9%	15.1%	0.0%	3.7%	4.3%	0.0%	0.0%	13.2%
040132172032	No	100.0%	91.5%	27.5%	0.0%	0.0%	1.8%	0.0%	2.1%	4.6%
040132172033	No	100.0%	88.7%	9.4%	3.3%	0.0%	0.7%	3.5%	0.0%	3.8%
040132172034	No	100.0%	80.9%	13.9%	1.3%	6.3%	5.0%	0.0%	0.0%	6.6%
040132172041	No	100.0%	71.8%	23.8%	1.6%	6.4%	3.2%	0.0%	10.7%	6.3%
040132172042	No	100.0%	80.8%	27.1%	3.0%	0.0%	0.0%	0.0%	2.9%	13.4%
040132172043	No	100.0%	93.4%	5.7%	1.4%	0.0%	0.0%	0.0%	0.0%	5.2%
040132173001	No	100.0%	95.4%	0.0%	0.0%	0.0%	1.9%	1.5%	0.0%	1.2%
040132173002	No	100.0%	95.1%	4.9%	0.0%	0.0%	0.0%	0.0%	0.0%	4.9%
040132173003	No	100.0%	84.3%	13.3%	0.0%	0.0%	1.3%	4.6%	1.8%	8.0%
040132173004	No	100.0%	82.2%	10.0%	0.0%	0.0%	9.6%	0.0%	1.5%	6.6%
040132174001	No	100.0%	96.8%	5.6%	0.0%	0.0%	1.7%	0.0%	0.0%	1.5%
040132174002	No	100.0%	86.5%	11.9%	0.0%	1.4%	0.0%	0.0%	10.3%	1.7%
040132174003	No	100.0%	95.0%	3.1%	0.0%	4.4%	0.0%	0.0%	0.0%	0.6%
040132174004	No	100.0%	79.8%	10.6%	0.7%	0.0%	5.4%	0.0%	2.4%	11.6%
040132175011	No	100.0%	78.5%	17.1%	2.8%	0.0%	0.0%	0.0%	3.9%	14.8%
040132175012	Yes	100.0%	40.2%	52.2%	2.5%	0.0%	1.1%	0.0%	10.5%	45.7%
040132175013	Yes	100.0%	42.2%	62.9%	1.3%	0.7%	2.7%	0.0%	36.4%	16.7%
040132175021	No	100.0%	83.7%	10.9%	9.0%	1.6%	2.7%	0.0%	0.0%	3.0%
040132175022	No	100.0%	72.7%	7.6%	3.0%	0.0%	1.1%	2.0%	4.9%	16.3%
040132175023	No	100.0%	80.8%	14.8%	0.0%	0.7%	4.6%	0.0%	4.0%	9.9%
040132176001	No	100.0%	86.5%	5.2%	0.0%	0.0%	5.7%	0.0%	0.5%	7.3%
040132176002	No	100.0%	75.9%	18.8%	0.0%	0.0%	6.8%	0.0%	12.8%	4.5%
040132176003	No	100.0%	89.7%	39.6%	1.4%	0.1%	7.3%	0.0%	0.0%	1.5%
040132177001	No	100.0%	72.8%	21.8%	1.3%	0.0%	0.6%	0.0%	0.0%	25.3%
040132177002	No	100.0%	88.2%	17.9%	0.0%	0.0%	0.0%	0.0%	0.0%	11.8%
040132177003	No	100.0%	91.4%	4.0%	0.9%	0.0%	3.7%	0.0%	4.0%	0.0%
040132178001	No	100.0%	80.3%	35.9%	0.0%	0.0%	7.0%	1.9%	7.5%	3.3%
040132178002	No	100.0%	71.5%	16.3%	4.8%	0.1%	5.4%	0.0%	2.0%	16.3%
040132178003	No	100.0%	86.8%	8.9%	0.0%	4.7%	0.7%	0.0%	0.5%	7.4%
040132178004	No	100.0%	86.9%	5.7%	1.9%	0.0%	5.8%	0.0%	0.0%	5.4%
040132179001	No	100.0%	82.5%	8.2%	2.1%	0.0%	4.9%	0.2%	1.2%	9.0%
040132179002	No	100.0%	81.0%	11.8%	0.0%	0.0%	2.0%	0.0%	0.0%	17.1%
040132179003	No	100.0%	74.4%	14.3%	2.3%	0.1%	6.9%	0.0%	5.6%	10.7%

**TABLE 15: MINORITY PERCENTAGE BY CENSUS BLOCK GROUPS
(2022 ACS)**

GEO ID	Minority Above Average %?	Total Population	White	Hispanic or Latino	Black	American Indian	Asian	Native Hawaiian	Other	TwoRaces
040132180001	No	100.0%	78.2%	9.6%	0.8%	11.4%	0.0%	0.0%	9.6%	0.0%
040132180002	No	100.0%	79.4%	33.1%	0.0%	4.8%	0.0%	0.0%	1.9%	13.8%
040132180003	No	100.0%	90.2%	7.2%	1.5%	5.0%	3.0%	0.0%	0.0%	0.3%
040132180004	No	100.0%	57.2%	21.1%	13.1%	3.1%	4.8%	0.0%	3.4%	18.4%
040132181001	No	100.0%	81.6%	18.4%	0.0%	0.0%	2.3%	0.8%	1.1%	14.2%
040132181002	No	100.0%	72.3%	22.9%	1.6%	0.0%	3.3%	0.0%	6.5%	16.4%
040132182001	No	100.0%	88.0%	27.6%	5.6%	0.0%	2.4%	0.0%	0.0%	3.9%
040132182002	No	100.0%	89.6%	19.6%	0.0%	0.0%	1.8%	0.0%	0.0%	8.7%
040132182003	Yes	100.0%	73.8%	48.1%	6.5%	2.5%	0.0%	0.0%	0.0%	17.2%
040132182004	No	100.0%	58.1%	16.5%	7.7%	8.2%	10.3%	0.0%	1.3%	14.4%
040132183001	No	100.0%	85.2%	8.1%	0.0%	1.0%	6.4%	0.0%	0.0%	7.4%
040132183002	No	100.0%	84.8%	13.1%	2.8%	0.8%	0.0%	0.0%	5.2%	6.4%
040132183003	No	100.0%	90.2%	20.0%	2.7%	0.0%	0.0%	0.0%	0.0%	7.1%
040133184001	Yes	100.0%	54.1%	48.0%	9.9%	5.0%	1.8%	3.7%	8.4%	16.9%
040133184002	Yes	100.0%	46.1%	17.4%	0.0%	0.0%	21.7%	0.0%	4.8%	27.5%
040133184003	Yes	100.0%	32.6%	61.7%	0.0%	8.4%	0.0%	0.0%	5.5%	53.5%
040133184004	Yes	100.0%	56.2%	50.1%	0.0%	3.5%	0.0%	0.0%	21.2%	19.1%
040133184005	No	100.0%	72.3%	0.0%	19.8%	0.0%	0.0%	0.0%	0.0%	7.9%
040133184006	No	100.0%	84.7%	0.0%	0.0%	0.0%	15.3%	0.0%	0.0%	0.0%
040133185011	No	100.0%	62.8%	22.3%	0.6%	0.0%	14.0%	0.0%	14.2%	8.3%
040133185012	No	100.0%	73.0%	24.8%	14.2%	3.3%	0.0%	0.0%	5.1%	4.4%
040133185013	No	100.0%	93.3%	4.9%	0.0%	0.0%	1.0%	0.0%	0.0%	5.7%
040133187001	No	100.0%	65.3%	24.8%	10.0%	8.6%	6.1%	0.0%	6.1%	4.0%
040133187002	No	100.0%	69.4%	10.5%	3.6%	0.5%	22.6%	0.4%	0.5%	3.0%
040133188001	No	100.0%	64.4%	12.3%	15.2%	3.6%	9.8%	0.0%	2.5%	4.4%
040133188002	No	100.0%	62.6%	18.9%	10.6%	9.7%	3.3%	0.0%	2.8%	11.0%
040133188003	Yes	100.0%	37.8%	7.7%	28.8%	2.5%	8.4%	0.0%	0.5%	22.1%
040133188004	Yes	100.0%	57.5%	30.6%	3.4%	0.0%	12.3%	4.6%	12.1%	10.1%
040133189001	No	100.0%	63.1%	26.1%	5.0%	1.6%	16.4%	0.0%	0.9%	13.1%
040133189002	No	100.0%	79.4%	13.8%	4.3%	1.0%	3.0%	4.7%	0.1%	7.5%
040133189003	No	100.0%	75.0%	13.1%	0.0%	0.3%	4.1%	0.0%	0.0%	20.7%
040133189004	No	100.0%	71.5%	11.5%	10.0%	2.7%	1.1%	0.0%	2.5%	12.3%
040133190011	No	100.0%	73.5%	19.3%	4.8%	1.2%	8.4%	0.0%	9.6%	2.5%
040133190021	No	100.0%	72.6%	18.3%	1.7%	0.9%	9.2%	0.0%	11.3%	4.2%
040133190022	No	100.0%	80.2%	17.3%	7.0%	0.0%	3.4%	0.0%	1.8%	7.7%
040133191011	Yes	100.0%	43.2%	33.7%	18.3%	0.1%	15.3%	0.0%	20.6%	2.6%
040133191012	No	100.0%	58.4%	14.0%	1.1%	1.4%	27.9%	0.0%	6.9%	4.2%
040133191013	No	100.0%	79.3%	39.2%	6.0%	0.0%	4.1%	0.0%	0.0%	10.6%
040133191031	Yes	100.0%	43.4%	16.9%	4.4%	0.7%	47.2%	0.0%	1.3%	2.9%
040133191032	No	100.0%	72.7%	25.8%	1.5%	0.9%	0.0%	0.0%	25.0%	0.0%
040133191033	Yes	100.0%	44.8%	25.9%	6.9%	4.2%	21.8%	0.0%	16.3%	6.0%
040133191041	No	100.0%	59.2%	5.4%	0.6%	0.2%	30.1%	0.0%	3.0%	6.9%
040133191042	Yes	100.0%	37.3%	33.2%	8.3%	5.4%	19.9%	0.0%	7.9%	21.1%
040133191043	Yes	100.0%	51.5%	65.1%	0.0%	0.0%	0.0%	0.0%	25.6%	22.9%
040133191044	Yes	100.0%	24.0%	14.0%	0.0%	22.7%	45.8%	0.0%	0.0%	7.6%
040133192011	Yes	100.0%	59.5%	57.3%	0.0%	5.4%	6.0%	0.0%	25.4%	3.6%
040133192012	Yes	100.0%	30.3%	50.4%	2.4%	0.0%	19.7%	0.0%	20.2%	27.4%
040133192013	Yes	100.0%	32.5%	30.6%	36.8%	0.6%	2.2%	0.0%	15.5%	12.3%
040133192014	Yes	100.0%	49.5%	19.3%	1.9%	12.5%	15.1%	0.0%	15.6%	5.4%
040133192021	Yes	100.0%	50.5%	21.6%	8.3%	1.0%	18.2%	0.0%	2.3%	19.7%
040133192022	Yes	100.0%	47.2%	20.9%	2.2%	10.9%	9.5%	0.0%	4.4%	25.8%
040133193001	Yes	100.0%	73.0%	48.4%	4.4%	0.0%	0.2%	0.0%	10.1%	12.3%
040133193002	No	100.0%	67.3%	26.6%	0.0%	0.2%	21.5%	0.0%	5.4%	5.7%
040133194011	No	100.0%	90.7%	24.2%	2.0%	0.0%	0.0%	0.0%	4.0%	3.3%
040133194012	No	100.0%	80.4%	9.3%	5.0%	0.0%	4.8%	0.0%	5.5%	4.3%
040133194013	Yes	100.0%	37.7%	20.4%	47.1%	0.0%	2.3%	0.0%	0.0%	12.9%
040133194014	No	100.0%	59.4%	11.1%	15.8%	0.0%	4.9%	0.0%	9.0%	10.8%
040133194015	No	100.0%	71.7%	19.5%	6.8%	4.1%	10.5%	0.0%	0.0%	6.9%
040133194021	No	100.0%	75.4%	16.9%	4.7%	0.0%	11.3%	0.0%	2.2%	6.4%
040133194022	No	100.0%	81.7%	19.5%	4.2%	0.0%	3.9%	0.0%	3.7%	6.6%
040133194031	Yes	100.0%	31.3%	37.0%	1.8%	6.4%	6.5%	0.0%	19.9%	34.1%
040133194032	No	100.0%	84.3%	8.6%	1.2%	0.0%	7.4%	0.0%	1.3%	5.9%

**TABLE 15: MINORITY PERCENTAGE BY CENSUS BLOCK GROUPS
(2022 ACS)**

GEO ID	Minority Above Average %?	Total Population	White	Hispanic or Latino	Black	American Indian	Asian	Native Hawaiian	Other	TwoRaces
040133194033	No	100.0%	75.2%	8.8%	4.5%	7.0%	10.9%	0.0%	2.5%	0.0%
040133194034	No	100.0%	69.8%	27.6%	1.5%	3.5%	0.0%	0.0%	3.8%	21.5%
040133194041	No	100.0%	76.4%	14.3%	2.7%	1.4%	4.9%	0.0%	2.8%	11.8%
040133194042	No	100.0%	82.7%	13.6%	0.6%	0.4%	3.9%	0.0%	6.3%	6.1%
040133195001	No	100.0%	81.9%	7.5%	2.6%	1.2%	4.9%	0.0%	4.0%	5.5%
040133195002	No	100.0%	78.3%	15.7%	4.1%	1.5%	1.5%	3.0%	0.0%	11.7%
040133195003	Yes	100.0%	73.8%	42.1%	0.0%	0.0%	15.6%	0.0%	10.6%	0.0%
040133195004	Yes	100.0%	62.7%	28.9%	7.2%	2.6%	3.0%	1.8%	2.2%	20.3%
040133196001	No	100.0%	79.3%	14.6%	0.0%	9.2%	5.6%	0.0%	1.5%	4.3%
040133196002	No	100.0%	72.0%	19.7%	9.9%	0.0%	2.2%	0.0%	8.1%	7.9%
040133196003	No	100.0%	77.0%	32.1%	0.0%	1.0%	3.5%	0.0%	1.9%	16.6%
040133196004	No	100.0%	70.5%	23.9%	7.2%	0.0%	9.1%	0.0%	5.4%	7.7%
040133197051	Yes	100.0%	52.6%	24.9%	18.4%	10.4%	3.9%	0.0%	8.7%	6.1%
040133197052	No	100.0%	66.0%	28.1%	0.5%	1.9%	3.4%	4.7%	7.4%	16.0%
040133197053	Yes	100.0%	40.2%	54.4%	0.0%	1.1%	0.4%	0.0%	22.3%	36.0%
040133197061	Yes	100.0%	53.3%	84.5%	2.6%	2.2%	1.2%	0.0%	33.8%	6.9%
040133197062	Yes	100.0%	64.5%	32.2%	0.6%	4.1%	24.7%	0.0%	1.9%	4.2%
040133197063	Yes	100.0%	49.1%	37.3%	13.8%	1.0%	2.3%	4.3%	16.5%	13.1%
040133197071	No	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
040133197081	No	100.0%	74.4%	20.3%	10.0%	1.8%	3.0%	1.9%	7.1%	1.9%
040133197082	No	100.0%	80.3%	15.3%	6.2%	0.6%	0.0%	0.0%	1.7%	11.2%
040133197083	Yes	100.0%	58.5%	38.4%	17.2%	0.0%	1.5%	3.2%	2.7%	17.0%
040133197091	No	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
040133197101	Yes	100.0%	51.8%	29.1%	5.1%	7.1%	5.4%	1.2%	10.9%	18.5%
040133198011	Yes	100.0%	46.7%	56.0%	10.7%	22.8%	2.8%	0.0%	1.6%	15.5%
040133198012	Yes	100.0%	45.1%	50.2%	0.0%	0.0%	3.5%	0.0%	50.2%	1.2%
040133198013	No	100.0%	57.0%	18.2%	10.3%	8.9%	15.1%	0.0%	0.0%	8.6%
040133198021	No	100.0%	83.1%	23.1%	5.5%	1.3%	0.0%	0.0%	4.6%	5.5%
040133198022	Yes	100.0%	34.7%	28.3%	40.0%	0.0%	4.0%	0.0%	14.4%	6.8%
040133198023	No	100.0%	72.6%	11.5%	0.0%	0.0%	12.9%	0.0%	3.4%	11.2%
040133199021	No	100.0%	71.8%	20.7%	0.2%	0.0%	15.4%	0.0%	2.6%	10.1%
040133199022	Yes	100.0%	57.3%	25.3%	19.5%	0.0%	1.5%	0.0%	7.7%	13.9%
040133199031	No	100.0%	76.3%	24.8%	0.0%	0.0%	7.4%	0.0%	7.5%	8.9%
040133199032	No	100.0%	68.8%	7.7%	9.9%	0.0%	14.4%	0.0%	0.7%	6.1%
040133199033	No	100.0%	69.5%	30.7%	6.9%	0.0%	0.0%	0.0%	7.1%	16.5%
040133199034	No	100.0%	94.6%	2.3%	0.0%	1.4%	2.8%	0.0%	0.0%	1.2%
040133199041	No	100.0%	72.0%	22.4%	3.0%	0.3%	1.4%	1.0%	5.9%	16.4%
040133199042	No	100.0%	73.6%	17.2%	6.1%	0.4%	2.6%	0.0%	11.4%	5.9%
040133199043	No	100.0%	72.9%	13.9%	1.1%	1.9%	7.7%	0.0%	4.8%	11.6%
040133199051	No	100.0%	93.0%	7.3%	0.0%	0.0%	0.4%	0.0%	2.5%	4.1%
040133199052	No	100.0%	77.9%	31.1%	2.6%	0.0%	3.8%	0.0%	4.6%	11.0%
040133199053	Yes	100.0%	68.5%	39.0%	0.0%	0.0%	0.0%	0.0%	16.1%	15.4%
040133199054	No	100.0%	84.3%	10.9%	0.0%	0.0%	7.2%	0.0%	0.0%	8.5%
040133199061	No	100.0%	70.7%	11.1%	10.7%	10.1%	1.5%	0.0%	1.0%	6.0%
040133199062	No	100.0%	70.3%	12.6%	0.9%	0.0%	18.8%	0.0%	3.1%	6.9%
040133199071	No	100.0%	87.9%	13.1%	2.9%	0.0%	0.0%	2.3%	1.2%	5.7%
040133199072	No	100.0%	67.2%	23.1%	2.3%	3.4%	4.2%	0.5%	6.7%	15.6%
040133199081	Yes	100.0%	49.8%	39.9%	12.9%	0.8%	6.0%	0.0%	10.4%	20.1%
040133199091	No	100.0%	82.9%	15.7%	0.9%	0.3%	1.4%	0.0%	5.4%	9.1%
040133199101	No	100.0%	76.6%	6.1%	2.0%	0.5%	18.2%	0.0%	0.0%	2.6%
040133199102	No	100.0%	56.2%	16.1%	7.7%	0.0%	23.8%	0.0%	3.3%	8.9%
040133199103	No	100.0%	73.0%	15.8%	1.3%	0.0%	11.3%	0.0%	5.5%	8.9%
040133200011	Yes	100.0%	43.7%	26.4%	12.8%	2.9%	18.0%	0.6%	7.9%	14.2%
040133200012	Yes	100.0%	17.4%	22.6%	14.4%	0.0%	44.8%	1.1%	0.0%	22.3%
040133200013	Yes	100.0%	42.3%	53.0%	20.5%	16.3%	2.6%	0.0%	6.3%	12.1%
040133200014	Yes	100.0%	24.1%	29.8%	5.3%	3.3%	25.2%	9.6%	7.4%	25.1%
040133200015	Yes	100.0%	21.5%	34.4%	29.0%	9.1%	3.5%	0.0%	20.4%	16.5%
040133200021	Yes	100.0%	48.2%	90.3%	1.1%	3.8%	3.8%	0.0%	25.8%	17.3%
040133200022	Yes	100.0%	27.6%	88.1%	0.0%	39.8%	0.0%	0.0%	18.9%	13.7%
040133200023	Yes	100.0%	19.5%	43.3%	0.0%	61.9%	0.0%	1.0%	9.9%	7.7%
040133200024	Yes	100.0%	30.1%	73.0%	3.7%	35.9%	0.0%	0.0%	13.4%	16.9%
040133200071	No	100.0%	52.2%	16.4%	0.0%	0.0%	16.7%	0.0%	3.0%	28.1%

**TABLE 15: MINORITY PERCENTAGE BY CENSUS BLOCK GROUPS
(2022 ACS)**

GEO ID	Minority Above Average %?	Total Population	White	Hispanic or Latino	Black	American Indian	Asian	Native Hawaiian	Other	TwoRaces
040133200072	Yes	100.0%	30.1%	24.1%	19.1%	0.0%	19.5%	3.9%	9.8%	17.7%
040133200073	Yes	100.0%	66.0%	38.0%	16.8%	0.4%	4.4%	0.0%	6.1%	6.3%
040133200074	No	100.0%	71.6%	9.7%	6.3%	11.2%	3.5%	0.0%	3.3%	4.2%
040133201001	No	100.0%	65.5%	17.0%	0.6%	6.4%	10.1%	0.0%	3.5%	13.9%
040133201002	No	100.0%	62.9%	20.5%	10.1%	0.0%	4.8%	0.0%	3.3%	18.9%
040134201041	No	100.0%	89.0%	4.6%	0.2%	0.1%	0.5%	0.0%	1.7%	8.5%
040134201042	No	100.0%	90.6%	9.4%	0.0%	0.0%	0.0%	0.0%	3.8%	5.5%
040134201043	No	100.0%	97.1%	0.0%	0.0%	0.0%	2.2%	0.0%	0.0%	0.6%
040134201051	No	100.0%	94.1%	9.8%	0.0%	0.0%	1.4%	0.0%	0.2%	4.3%
040134201052	No	100.0%	79.7%	11.7%	0.0%	0.0%	4.2%	0.0%	2.4%	13.8%
040134201053	No	100.0%	95.4%	19.7%	1.1%	0.0%	0.0%	0.0%	0.0%	3.5%
040134201054	No	100.0%	95.1%	2.2%	1.1%	2.4%	0.0%	0.0%	0.0%	1.4%
040134201071	No	100.0%	76.2%	5.6%	2.1%	0.0%	19.8%	0.0%	0.0%	1.9%
040134201072	No	100.0%	95.9%	13.6%	0.3%	0.0%	2.7%	0.0%	0.2%	0.8%
040134201073	No	100.0%	94.7%	3.5%	0.0%	0.0%	1.2%	0.0%	0.6%	3.5%
040134201081	No	100.0%	87.6%	9.8%	0.3%	0.5%	2.3%	0.0%	0.8%	8.5%
040134201091	No	100.0%	89.4%	5.2%	0.0%	0.0%	4.3%	0.0%	1.7%	4.6%
040134201092	No	100.0%	94.3%	8.2%	0.0%	0.0%	0.0%	0.0%	4.5%	1.2%
040134201093	No	100.0%	84.9%	12.9%	4.0%	0.0%	4.6%	0.0%	0.3%	6.2%
040134201101	No	100.0%	89.8%	5.8%	2.5%	1.9%	1.7%	1.0%	0.0%	3.1%
040134201102	No	100.0%	79.4%	16.9%	0.0%	0.6%	2.6%	0.0%	1.8%	15.7%
040134201111	No	100.0%	86.9%	18.0%	0.0%	0.0%	1.3%	0.0%	0.7%	11.0%
040134201112	No	100.0%	100.0%	20.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
040134201113	Yes	100.0%	70.6%	51.4%	0.0%	0.0%	0.0%	0.0%	17.9%	11.5%
040134201121	No	100.0%	86.9%	14.9%	0.0%	0.0%	0.0%	0.0%	5.2%	7.9%
040134201122	No	100.0%	87.3%	11.3%	0.8%	0.0%	2.6%	0.0%	2.8%	6.6%
040134201131	No	100.0%	88.3%	14.2%	3.0%	0.7%	0.0%	0.0%	3.0%	5.0%
040134201132	No	100.0%	74.4%	37.2%	13.6%	0.0%	0.0%	0.0%	0.0%	12.0%
040134201141	Yes	100.0%	57.9%	43.3%	0.5%	1.0%	1.7%	0.0%	18.1%	20.8%
040134201142	No	100.0%	92.6%	33.9%	0.0%	1.7%	0.0%	0.0%	3.5%	2.1%
040134201143	No	100.0%	83.3%	16.7%	0.0%	0.0%	0.0%	0.0%	16.7%	0.0%
040134201144	No	100.0%	84.2%	23.0%	0.0%	0.0%	0.0%	0.0%	15.8%	0.0%
040134201151	No	100.0%	78.6%	25.6%	4.1%	0.9%	5.2%	0.0%	8.8%	2.5%
040134201152	No	100.0%	79.1%	24.2%	10.1%	1.0%	0.9%	0.0%	7.0%	1.9%
040134201153	No	100.0%	97.5%	3.3%	0.0%	0.0%	0.0%	0.0%	0.0%	2.5%
040134201161	No	100.0%	97.6%	3.9%	0.0%	0.0%	0.0%	0.0%	2.0%	0.4%
040134201162	No	100.0%	78.1%	14.0%	0.0%	2.2%	4.2%	0.0%	14.9%	0.5%
040134201163	No	100.0%	90.1%	13.3%	2.1%	0.0%	0.0%	0.0%	2.6%	5.2%
040134202021	No	100.0%	91.7%	8.2%	5.0%	0.1%	1.3%	0.0%	0.0%	1.8%
040134202022	No	100.0%	77.4%	16.7%	7.1%	0.0%	0.9%	0.0%	0.0%	14.5%
040134202023	No	100.0%	76.8%	16.9%	0.0%	11.6%	0.7%	0.0%	0.0%	10.8%
040134202061	No	100.0%	82.1%	15.7%	1.6%	0.0%	2.7%	0.0%	6.4%	7.3%
040134202062	No	100.0%	95.9%	0.0%	4.1%	0.0%	0.0%	0.0%	0.0%	0.0%
040134202063	No	100.0%	92.7%	6.0%	0.0%	0.1%	0.0%	0.0%	0.4%	6.8%
040134202071	No	100.0%	95.1%	4.2%	1.4%	0.0%	2.7%	0.0%	0.8%	0.0%
040134202072	No	100.0%	87.4%	10.2%	0.0%	0.0%	1.8%	0.0%	0.0%	10.8%
040134202081	No	100.0%	69.8%	28.8%	0.0%	0.0%	4.6%	0.0%	1.7%	23.8%
040134202082	No	100.0%	85.8%	18.6%	4.1%	0.1%	2.4%	0.0%	0.4%	7.2%
040134202083	No	100.0%	66.9%	17.8%	12.3%	0.3%	0.6%	0.0%	2.8%	17.0%
040134202091	No	100.0%	86.4%	13.2%	3.8%	0.0%	0.0%	0.0%	0.0%	9.8%
040134202092	No	100.0%	93.7%	6.9%	2.1%	0.0%	1.5%	0.0%	0.0%	2.8%
040134202093	No	100.0%	85.6%	12.4%	5.3%	0.0%	0.0%	0.0%	0.0%	9.1%
040134202101	No	100.0%	95.8%	4.7%	0.0%	0.7%	0.0%	0.0%	1.3%	2.1%
040134202102	No	100.0%	90.0%	7.9%	0.0%	0.0%	0.4%	0.0%	7.5%	2.0%
040134202103	No	100.0%	80.3%	16.5%	0.4%	0.0%	0.0%	0.0%	3.4%	15.9%
040134202104	Yes	100.0%	50.6%	18.2%	5.3%	4.1%	12.3%	12.5%	0.5%	14.5%
040134202111	No	100.0%	87.2%	12.7%	3.3%	0.5%	1.9%	0.0%	1.5%	5.5%
040134202112	No	100.0%	77.8%	14.7%	0.0%	2.5%	8.9%	0.0%	2.3%	8.5%
040134202121	No	100.0%	64.3%	26.0%	3.0%	0.0%	3.9%	0.0%	21.6%	7.1%
040134202122	No	100.0%	88.4%	5.0%	1.2%	0.0%	2.3%	0.0%	1.1%	7.0%
040134202131	No	100.0%	96.1%	2.9%	0.0%	0.0%	1.3%	0.3%	0.4%	1.9%
040134202141	No	100.0%	70.8%	6.0%	1.8%	0.1%	18.3%	0.0%	0.0%	9.0%

**TABLE 15: MINORITY PERCENTAGE BY CENSUS BLOCK GROUPS
(2022 ACS)**

GEO ID	Minority Above Average %?	Total Population	White	Hispanic or Latino	Black	American Indian	Asian	Native Hawaiian	Other	TwoRaces
040134202142	No	100.0%	72.7%	18.7%	15.9%	0.0%	0.0%	0.0%	7.4%	4.0%
040134202143	No	100.0%	77.6%	25.8%	3.4%	0.0%	0.0%	0.0%	0.0%	19.0%
040134202144	Yes	100.0%	60.5%	33.0%	0.0%	0.0%	0.0%	0.0%	11.6%	27.9%
040134202151	No	100.0%	71.5%	25.8%	3.2%	0.4%	2.4%	0.0%	5.6%	16.9%
040134202161	No	100.0%	90.5%	12.6%	1.1%	0.0%	0.9%	0.0%	0.0%	7.5%
040134202162	No	100.0%	76.8%	24.6%	5.6%	0.0%	0.0%	0.0%	0.0%	17.6%
040134202163	No	100.0%	92.4%	7.1%	1.1%	2.4%	0.0%	0.0%	1.0%	3.2%
040134203011	No	100.0%	82.7%	8.2%	0.0%	0.1%	11.0%	0.0%	0.4%	5.8%
040134203021	No	100.0%	89.5%	2.0%	0.0%	6.1%	3.7%	0.0%	0.0%	0.8%
040134203022	No	100.0%	65.6%	21.7%	2.6%	9.7%	3.1%	0.0%	4.0%	14.9%
040134203023	No	100.0%	92.5%	6.0%	0.6%	0.0%	1.1%	2.2%	2.7%	1.0%
040134203031	No	100.0%	66.9%	29.0%	0.0%	0.0%	1.1%	0.0%	9.5%	22.5%
040134203032	No	100.0%	87.1%	14.7%	0.0%	0.3%	1.7%	0.0%	4.6%	6.3%
040134203041	No	100.0%	89.8%	3.2%	0.3%	0.0%	3.6%	0.0%	0.0%	6.3%
040134204011	Yes	100.0%	65.9%	46.4%	5.5%	2.9%	0.0%	0.0%	20.5%	5.2%
040134204012	Yes	100.0%	59.0%	44.9%	5.7%	7.2%	2.2%	0.0%	3.4%	22.5%
040134204013	Yes	100.0%	45.7%	60.6%	1.8%	6.1%	0.0%	0.0%	44.3%	2.1%
040134204021	No	100.0%	97.4%	26.0%	0.0%	0.1%	1.0%	0.0%	1.4%	0.0%
040134204022	No	100.0%	81.9%	3.4%	4.8%	3.4%	3.3%	0.0%	0.0%	6.5%
040134204023	No	100.0%	100.0%	5.5%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
040134204024	No	100.0%	77.9%	8.1%	0.5%	0.0%	2.3%	0.0%	0.0%	19.3%
040134205031	Yes	100.0%	24.9%	57.1%	15.8%	12.6%	1.4%	0.0%	0.6%	44.8%
040134205032	Yes	100.0%	66.9%	36.7%	15.3%	2.4%	1.4%	0.0%	11.5%	2.4%
040134205041	No	100.0%	76.8%	27.0%	10.4%	4.3%	0.0%	2.3%	4.7%	1.5%
040134205042	No	100.0%	71.8%	28.0%	0.4%	0.6%	13.0%	0.0%	2.5%	11.8%
040134205051	Yes	100.0%	42.9%	49.9%	2.3%	12.7%	0.0%	0.0%	3.6%	38.6%
040134205052	Yes	100.0%	70.7%	51.7%	0.1%	16.1%	0.0%	0.0%	6.6%	6.5%
040134205061	Yes	100.0%	53.9%	31.1%	8.6%	0.9%	2.5%	0.0%	12.7%	21.4%
040134205062	Yes	100.0%	46.1%	30.6%	22.3%	1.3%	9.7%	0.0%	15.3%	5.3%
040134206021	No	100.0%	81.4%	38.5%	0.0%	0.0%	0.0%	0.0%	1.0%	17.7%
040134206022	No	100.0%	87.0%	16.5%	1.2%	0.7%	0.0%	0.0%	7.3%	3.8%
040134206023	No	100.0%	71.4%	15.7%	10.0%	1.4%	2.0%	1.7%	4.7%	8.8%
040134206031	No	100.0%	69.4%	4.8%	15.1%	1.9%	0.0%	0.0%	0.0%	13.6%
040134206032	No	100.0%	67.1%	6.7%	0.0%	22.5%	0.0%	0.0%	1.7%	8.7%
040134206041	No	100.0%	90.2%	7.3%	1.6%	3.1%	1.0%	0.0%	1.5%	2.6%
040134206042	No	100.0%	84.3%	19.2%	0.1%	1.8%	0.7%	0.0%	2.2%	10.9%
040134207041	No	100.0%	84.3%	19.0%	6.1%	0.5%	0.0%	0.0%	2.6%	6.5%
040134207042	No	100.0%	84.9%	16.1%	3.7%	0.0%	2.3%	0.0%	3.4%	5.6%
040134207043	No	100.0%	79.1%	12.0%	1.0%	1.1%	0.0%	0.0%	6.7%	12.1%
040134207051	No	100.0%	82.9%	19.3%	0.0%	0.0%	5.7%	0.0%	6.2%	5.2%
040134207052	No	100.0%	89.8%	3.5%	0.0%	0.0%	6.2%	0.0%	1.4%	2.6%
040134207061	No	100.0%	71.5%	18.9%	0.9%	0.0%	1.5%	2.0%	9.5%	14.5%
040134207062	No	100.0%	75.8%	19.7%	0.0%	0.0%	3.8%	0.0%	12.6%	7.8%
040134207063	No	100.0%	79.7%	12.5%	4.0%	0.0%	3.2%	0.0%	0.0%	13.1%
040134207071	No	100.0%	99.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	1.0%
040134207072	Yes	100.0%	69.3%	36.3%	5.3%	0.0%	0.0%	0.0%	4.2%	21.2%
040134207081	No	100.0%	100.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
040134207082	No	100.0%	100.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
040134207083	No	100.0%	81.7%	17.0%	5.1%	0.8%	0.0%	0.0%	1.7%	10.7%
040134207091	No	100.0%	73.8%	21.3%	10.6%	2.1%	0.8%	0.0%	2.7%	10.0%
040134207092	No	100.0%	99.1%	1.3%	0.0%	0.0%	0.9%	0.0%	0.0%	0.0%
040134207093	No	100.0%	89.1%	4.5%	1.4%	0.0%	0.0%	0.0%	3.0%	6.5%
040134207101	No	100.0%	86.3%	11.2%	1.0%	2.9%	2.9%	0.0%	0.8%	6.1%
040134207102	Yes	100.0%	67.3%	32.4%	8.5%	1.9%	1.5%	0.0%	17.7%	3.1%
040134207103	No	100.0%	77.2%	41.3%	4.2%	3.4%	0.8%	0.0%	0.6%	13.9%
040134208001	No	100.0%	74.9%	26.2%	5.5%	0.0%	0.0%	0.0%	11.7%	7.9%
040134208002	No	100.0%	74.9%	28.1%	10.1%	0.0%	0.0%	0.0%	5.4%	9.6%
040134208003	Yes	100.0%	48.2%	36.9%	5.9%	11.7%	7.8%	0.0%	2.2%	24.2%
040134208004	No	100.0%	92.0%	7.0%	2.1%	0.7%	0.0%	0.0%	0.0%	5.1%
040134209011	Yes	100.0%	66.1%	33.0%	12.6%	2.2%	1.8%	5.4%	0.5%	11.6%
040134209012	Yes	100.0%	59.9%	27.6%	10.1%	11.3%	1.1%	0.0%	5.5%	12.1%
040134209021	No	100.0%	80.7%	23.2%	0.3%	1.0%	0.3%	0.0%	5.5%	12.2%

**TABLE 15: MINORITY PERCENTAGE BY CENSUS BLOCK GROUPS
(2022 ACS)**

GEO ID	Minority Above Average %?	Total Population	White	Hispanic or Latino	Black	American Indian	Asian	Native Hawaiian	Other	TwoRaces
040134209022	No	100.0%	87.8%	29.3%	2.1%	0.7%	0.0%	1.1%	6.1%	2.1%
040134210011	No	100.0%	82.8%	31.6%	1.3%	1.1%	0.5%	0.0%	8.5%	5.7%
040134210012	Yes	100.0%	56.3%	29.4%	8.1%	12.4%	2.4%	0.0%	5.6%	15.2%
040134210021	Yes	100.0%	39.7%	60.1%	14.4%	0.8%	1.1%	0.0%	21.2%	22.9%
040134210022	No	100.0%	82.1%	23.8%	8.7%	0.0%	0.0%	0.0%	0.4%	8.9%
040134211011	Yes	100.0%	28.9%	68.0%	3.7%	2.1%	0.8%	0.0%	23.0%	41.5%
040134211012	Yes	100.0%	75.1%	45.3%	0.8%	0.0%	2.3%	0.0%	1.4%	20.5%
040134211013	Yes	100.0%	59.4%	37.5%	0.0%	2.9%	2.4%	0.0%	23.8%	11.5%
040134211021	No	100.0%	75.1%	18.5%	0.6%	0.6%	0.0%	0.0%	16.0%	7.7%
040134211022	Yes	100.0%	57.0%	25.5%	9.4%	10.2%	0.0%	0.0%	18.2%	5.2%
040134211023	Yes	100.0%	41.8%	48.7%	4.5%	4.0%	0.0%	0.0%	4.3%	45.4%
040134211024	No	100.0%	56.7%	10.0%	29.8%	2.7%	0.0%	0.0%	0.0%	10.8%
040134211025	No	100.0%	75.0%	12.7%	12.5%	0.0%	0.0%	0.0%	8.3%	4.2%
040134212011	No	100.0%	73.2%	19.2%	8.4%	0.6%	6.5%	2.3%	7.6%	1.4%
040134212012	Yes	100.0%	62.2%	35.5%	5.3%	4.2%	0.0%	3.9%	10.8%	13.7%
040134212013	No	100.0%	75.1%	33.9%	6.0%	0.0%	6.8%	0.0%	0.0%	12.1%
040134212021	No	100.0%	71.0%	33.8%	1.5%	0.0%	3.2%	0.0%	14.5%	9.8%
040134212022	Yes	100.0%	55.5%	31.3%	0.0%	10.5%	7.3%	0.0%	15.5%	11.3%
040134212023	Yes	100.0%	59.7%	28.2%	0.1%	7.9%	2.5%	0.0%	18.6%	11.2%
040134213021	Yes	100.0%	65.3%	64.7%	2.5%	2.8%	1.9%	0.0%	5.4%	22.1%
040134213022	Yes	100.0%	5.9%	36.0%	57.3%	0.0%	0.0%	1.9%	13.3%	21.6%
040134213023	Yes	100.0%	7.1%	4.5%	24.6%	0.0%	0.0%	0.0%	4.5%	63.9%
040134213024	Yes	100.0%	45.0%	26.6%	33.4%	0.0%	9.2%	1.2%	5.1%	6.2%
040134213025	Yes	100.0%	61.8%	51.2%	8.5%	0.3%	6.4%	0.0%	10.5%	12.5%
040134213031	Yes	100.0%	52.4%	43.2%	2.7%	6.2%	5.3%	0.9%	13.6%	18.9%
040134213032	Yes	100.0%	61.7%	40.8%	2.4%	2.9%	1.4%	0.0%	9.4%	22.1%
040134213033	Yes	100.0%	44.0%	46.7%	7.9%	3.5%	2.8%	3.2%	32.3%	6.2%
040134213041	Yes	100.0%	48.3%	15.5%	17.8%	7.1%	5.1%	0.0%	7.8%	13.9%
040134213042	Yes	100.0%	47.8%	32.3%	6.7%	6.3%	0.6%	0.5%	5.5%	32.5%
040134214001	No	100.0%	73.7%	21.0%	0.0%	2.0%	16.7%	0.0%	2.9%	4.6%
040134214002	Yes	100.0%	57.6%	38.6%	2.2%	23.0%	0.0%	0.0%	8.6%	8.6%
040134214003	No	100.0%	92.0%	18.9%	7.1%	0.3%	0.0%	0.3%	0.0%	0.3%
040134214004	Yes	100.0%	66.2%	34.7%	2.9%	0.0%	0.0%	0.0%	22.1%	8.7%
040134215011	Yes	100.0%	61.0%	51.5%	0.0%	0.0%	0.0%	0.0%	36.4%	2.6%
040134215012	Yes	100.0%	63.9%	54.6%	2.3%	0.0%	0.0%	0.0%	25.4%	8.3%
040134215013	Yes	100.0%	61.3%	52.7%	7.8%	5.1%	0.0%	0.0%	13.7%	12.2%
040134215021	Yes	100.0%	57.9%	52.7%	3.1%	0.0%	0.0%	0.0%	17.4%	21.6%
040134215022	Yes	100.0%	60.2%	58.2%	4.8%	3.2%	9.2%	0.0%	7.4%	15.3%
040134216011	Yes	100.0%	60.1%	46.7%	7.2%	2.1%	2.2%	0.0%	13.8%	14.6%
040134216012	Yes	100.0%	67.2%	44.4%	0.2%	0.0%	0.0%	0.0%	8.1%	24.6%
040134216021	Yes	100.0%	56.3%	68.8%	1.8%	6.2%	0.7%	0.0%	19.1%	16.0%
040134216022	Yes	100.0%	74.7%	46.1%	0.0%	0.0%	0.0%	0.0%	0.6%	24.7%
040134216023	Yes	100.0%	40.8%	70.8%	12.0%	2.3%	4.7%	0.0%	4.0%	36.2%
040134217011	Yes	100.0%	46.7%	16.5%	18.6%	6.0%	0.0%	0.0%	1.9%	26.7%
040134217012	No	100.0%	79.3%	15.1%	5.6%	0.0%	2.3%	0.0%	0.6%	12.2%
040134217013	Yes	100.0%	64.7%	71.9%	1.6%	0.0%	0.0%	0.0%	0.0%	33.7%
040134217021	No	100.0%	83.3%	13.2%	2.8%	0.0%	0.0%	0.0%	10.9%	3.0%
040134217022	Yes	100.0%	87.6%	64.4%	0.0%	0.6%	0.0%	0.0%	2.3%	9.5%
040134217023	No	100.0%	74.7%	23.4%	6.7%	0.8%	0.0%	0.0%	1.6%	16.2%
040134218011	Yes	100.0%	46.8%	71.7%	0.6%	0.5%	1.6%	0.0%	38.7%	11.9%
040134218012	Yes	100.0%	65.0%	56.6%	4.0%	0.1%	0.8%	0.0%	21.3%	8.9%
040134218021	Yes	100.0%	23.7%	63.9%	22.0%	1.6%	0.0%	0.0%	24.7%	28.0%
040134218022	Yes	100.0%	53.3%	47.9%	2.9%	6.4%	1.1%	0.0%	13.3%	22.8%
040134218023	Yes	100.0%	66.5%	56.1%	0.0%	0.0%	0.0%	0.0%	20.8%	12.7%
040134219011	Yes	100.0%	69.4%	51.9%	1.9%	1.1%	0.9%	0.4%	16.4%	9.8%
040134219012	Yes	100.0%	50.1%	55.4%	6.2%	0.4%	0.6%	0.0%	16.9%	25.8%
040134219021	Yes	100.0%	63.3%	57.0%	5.0%	0.0%	0.0%	0.0%	2.7%	29.1%
040134219022	Yes	100.0%	52.0%	79.3%	1.3%	8.3%	0.0%	0.0%	22.3%	16.1%
040134219023	Yes	100.0%	47.9%	73.7%	1.7%	0.9%	0.0%	0.0%	23.1%	26.5%
040134219024	Yes	100.0%	44.7%	88.8%	2.5%	1.2%	0.0%	0.0%	14.8%	36.8%
040134220011	Yes	100.0%	37.7%	84.3%	2.5%	1.2%	0.1%	0.0%	23.5%	35.0%
040134220012	Yes	100.0%	72.7%	77.5%	6.3%	0.0%	0.0%	0.0%	16.6%	4.4%

**TABLE 15: MINORITY PERCENTAGE BY CENSUS BLOCK GROUPS
(2022 ACS)**

GEO ID	Minority Above Average %?	Total Population	White	Hispanic or Latino	Black	American Indian	Asian	Native Hawaiian	Other	TwoRaces
040134220021	Yes	100.0%	78.6%	66.6%	0.0%	0.7%	0.0%	0.0%	17.7%	3.1%
040134220022	Yes	100.0%	70.8%	84.0%	0.0%	0.0%	0.0%	0.0%	0.0%	29.2%
040134220023	Yes	100.0%	64.4%	66.5%	4.6%	0.6%	1.9%	0.0%	13.6%	14.9%
040134221021	Yes	100.0%	34.3%	68.8%	2.9%	0.0%	0.0%	0.0%	57.8%	5.0%
040134221022	Yes	100.0%	70.9%	70.5%	0.4%	1.4%	0.7%	0.0%	18.5%	8.1%
040134221023	No	100.0%	67.8%	30.2%	2.8%	0.3%	4.1%	0.0%	8.0%	17.0%
040134221031	Yes	100.0%	44.7%	28.9%	23.4%	7.0%	1.2%	1.5%	9.0%	13.1%
040134221032	No	100.0%	66.8%	23.4%	11.3%	2.8%	0.0%	0.0%	9.1%	10.1%
040134221033	Yes	100.0%	58.7%	50.7%	1.3%	7.9%	0.0%	0.0%	24.4%	7.7%
040134221041	Yes	100.0%	27.0%	33.6%	12.4%	21.0%	5.9%	0.0%	28.0%	5.6%
040134221042	Yes	100.0%	64.1%	45.0%	21.6%	0.0%	0.0%	0.0%	9.6%	4.7%
040134221043	Yes	100.0%	69.6%	45.9%	0.0%	0.0%	0.0%	0.0%	20.9%	9.5%
040134221044	No	100.0%	99.8%	16.9%	0.0%	0.2%	0.0%	0.0%	0.0%	0.0%
040134221045	No	100.0%	71.3%	34.6%	9.3%	0.0%	4.8%	1.1%	0.0%	13.5%
040134221051	Yes	100.0%	65.7%	68.1%	7.9%	0.0%	1.4%	0.0%	13.9%	11.1%
040134221052	Yes	100.0%	68.0%	35.4%	7.9%	4.6%	2.6%	0.0%	9.2%	7.8%
040134221061	Yes	100.0%	42.4%	29.8%	27.2%	8.7%	3.3%	0.3%	9.7%	8.4%
040134221062	Yes	100.0%	50.3%	43.8%	7.2%	5.8%	0.8%	0.0%	9.1%	26.8%
040134221063	Yes	100.0%	62.3%	57.1%	17.5%	10.9%	0.0%	1.1%	5.5%	2.6%
040134221071	Yes	100.0%	60.3%	33.8%	7.9%	12.8%	1.3%	0.7%	7.5%	9.5%
040134221072	Yes	100.0%	55.3%	60.6%	14.6%	5.6%	0.0%	0.8%	16.8%	6.8%
040134222031	Yes	100.0%	66.4%	35.1%	8.3%	3.3%	4.4%	0.0%	11.3%	6.3%
040134222032	Yes	100.0%	50.7%	42.3%	6.9%	0.0%	0.0%	0.0%	24.4%	18.0%
040134222033	Yes	100.0%	61.2%	29.7%	9.8%	3.3%	1.8%	0.0%	8.4%	15.5%
040134222091	Yes	100.0%	60.3%	29.1%	2.0%	0.1%	1.1%	0.0%	0.0%	36.5%
040134222092	Yes	100.0%	60.5%	26.5%	8.3%	3.4%	2.0%	0.0%	9.8%	16.0%
040134222093	No	100.0%	90.9%	23.6%	0.0%	0.0%	0.0%	0.0%	5.3%	3.8%
040134222094	Yes	100.0%	53.7%	26.6%	19.9%	3.6%	2.2%	0.0%	0.0%	20.6%
040134222095	Yes	100.0%	49.3%	40.1%	27.7%	0.0%	3.3%	0.0%	11.7%	8.0%
040134222101	No	100.0%	85.7%	11.8%	3.0%	2.7%	2.5%	0.0%	1.8%	4.3%
040134222102	No	100.0%	77.5%	31.7%	0.6%	0.4%	2.3%	0.0%	0.5%	18.6%
040134222103	No	100.0%	64.8%	28.1%	0.0%	0.0%	6.3%	0.0%	13.5%	15.4%
040134222111	No	100.0%	88.7%	13.9%	0.0%	0.0%	2.6%	0.0%	0.0%	8.7%
040134222112	No	100.0%	84.0%	11.9%	0.0%	0.0%	5.8%	0.0%	3.0%	7.2%
040134222121	No	100.0%	85.2%	15.3%	0.6%	2.4%	6.8%	0.0%	1.8%	3.2%
040134222122	No	100.0%	76.1%	15.3%	1.2%	4.2%	4.9%	0.0%	2.6%	11.0%
040134222123	No	100.0%	82.7%	6.3%	2.0%	4.6%	2.8%	0.0%	0.0%	7.9%
040134222131	Yes	100.0%	59.6%	30.2%	1.8%	13.0%	3.9%	0.0%	8.1%	13.7%
040134222132	No	100.0%	80.2%	14.1%	0.0%	2.3%	1.9%	0.0%	9.0%	6.5%
040134222151	Yes	100.0%	51.5%	29.4%	16.3%	5.5%	4.6%	0.0%	9.6%	12.5%
040134222161	No	100.0%	77.7%	18.2%	0.1%	0.0%	4.2%	0.0%	12.1%	5.9%
040134222162	No	100.0%	71.6%	18.9%	2.7%	2.3%	0.0%	0.0%	3.2%	20.2%
040134222163	No	100.0%	67.0%	19.9%	14.1%	6.6%	8.2%	0.0%	0.8%	3.4%
040134222164	Yes	100.0%	54.8%	33.8%	5.0%	7.9%	1.2%	0.0%	0.6%	30.5%
040134222171	No	100.0%	71.5%	35.5%	6.6%	0.8%	2.0%	0.0%	8.3%	10.8%
040134222172	No	100.0%	64.6%	24.8%	1.1%	11.0%	1.8%	0.0%	3.6%	18.0%
040134222181	Yes	100.0%	52.5%	20.6%	5.7%	3.2%	12.6%	0.0%	7.0%	19.0%
040134222182	No	100.0%	83.3%	24.6%	3.4%	0.0%	1.7%	0.0%	5.0%	6.6%
040134222191	Yes	100.0%	47.8%	22.1%	0.0%	27.2%	10.0%	0.0%	6.8%	8.2%
040134222192	No	100.0%	80.0%	10.3%	0.0%	1.4%	14.9%	0.0%	2.0%	1.7%
040134222193	No	100.0%	88.5%	12.9%	5.3%	0.0%	2.0%	0.0%	0.0%	4.1%
040134222201	No	100.0%	85.0%	3.1%	2.3%	0.5%	7.0%	0.0%	2.1%	3.1%
040134222202	No	100.0%	88.1%	14.5%	1.6%	0.0%	6.5%	0.0%	1.6%	2.1%
040134222211	No	100.0%	80.5%	16.8%	1.0%	1.5%	1.9%	0.0%	1.5%	13.6%
040134222212	No	100.0%	74.9%	33.7%	0.0%	1.6%	1.9%	0.0%	8.2%	13.3%
040134222213	Yes	100.0%	58.6%	25.3%	5.1%	0.6%	2.4%	0.1%	1.3%	31.8%
040134222221	Yes	100.0%	62.5%	30.7%	1.9%	2.2%	6.2%	0.0%	7.3%	19.9%
040134222222	No	100.0%	65.0%	22.4%	2.8%	8.1%	6.4%	0.0%	0.0%	17.8%
040134222231	Yes	100.0%	59.6%	26.8%	10.4%	0.7%	6.6%	3.0%	5.1%	14.6%
040134222232	No	100.0%	67.8%	21.6%	8.0%	3.0%	1.1%	0.0%	4.9%	15.2%
040134222241	No	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
040134222251	No	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%

**TABLE 15: MINORITY PERCENTAGE BY CENSUS BLOCK GROUPS
(2022 ACS)**

GEO ID	Minority Above Average %?	Total Population	White	Hispanic or Latino	Black	American Indian	Asian	Native Hawaiian	Other	TwoRaces
040134222261	No	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
040134222271	No	100.0%	78.6%	24.4%	1.6%	0.1%	1.0%	0.0%	7.0%	11.7%
040134223011	Yes	100.0%	25.8%	80.6%	0.0%	0.0%	3.2%	0.0%	26.9%	44.1%
040134223012	No	100.0%	55.8%	20.6%	1.0%	6.9%	8.9%	0.0%	12.5%	14.9%
040134223013	Yes	100.0%	37.9%	77.5%	12.1%	0.8%	0.0%	0.0%	15.4%	33.8%
040134223014	Yes	100.0%	60.4%	62.9%	0.0%	0.7%	0.0%	0.0%	1.0%	37.9%
040134223015	Yes	100.0%	57.9%	70.0%	1.8%	0.0%	0.0%	3.4%	11.1%	25.7%
040134223021	Yes	100.0%	54.1%	27.9%	7.6%	3.6%	5.9%	0.0%	6.3%	22.5%
040134223022	No	100.0%	78.0%	24.4%	3.7%	3.3%	1.2%	0.0%	8.4%	5.5%
040134223023	No	100.0%	71.3%	32.6%	0.0%	0.0%	4.7%	0.0%	10.0%	14.0%
040134223041	No	100.0%	66.1%	12.3%	10.3%	0.9%	3.2%	0.0%	2.1%	17.4%
040134223042	Yes	100.0%	64.1%	36.0%	2.6%	13.4%	2.0%	0.0%	5.7%	12.3%
040134223051	No	100.0%	80.9%	6.0%	0.0%	0.0%	2.8%	0.0%	0.0%	16.3%
040134223052	No	100.0%	57.1%	18.5%	13.8%	1.2%	8.4%	0.0%	0.0%	19.5%
040134223053	No	100.0%	87.6%	15.6%	2.0%	0.0%	7.7%	0.0%	0.0%	2.7%
040134223054	No	100.0%	91.3%	5.1%	0.0%	0.0%	1.1%	0.0%	0.0%	7.6%
040134223071	No	100.0%	87.3%	8.1%	0.0%	0.0%	0.3%	0.0%	5.8%	6.6%
040134223072	No	100.0%	67.2%	5.1%	0.0%	0.0%	26.1%	0.0%	6.7%	0.0%
040134223073	No	100.0%	70.7%	18.8%	6.4%	2.1%	8.7%	0.0%	0.7%	11.4%
040134223074	Yes	100.0%	46.2%	45.5%	10.1%	2.9%	5.6%	0.0%	9.0%	26.1%
040134223081	Yes	100.0%	43.7%	45.8%	14.6%	2.6%	0.0%	0.3%	2.6%	36.2%
040134223082	No	100.0%	80.5%	15.6%	0.0%	0.0%	12.2%	0.0%	0.0%	7.3%
040134223083	No	100.0%	76.7%	16.2%	0.8%	0.0%	9.3%	0.0%	2.9%	10.3%
040134223091	No	100.0%	83.7%	8.3%	0.0%	0.0%	10.7%	0.0%	0.0%	5.6%
040134223092	No	100.0%	64.0%	10.7%	0.0%	0.0%	31.2%	0.0%	0.6%	4.2%
040134223093	No	100.0%	56.0%	13.2%	25.0%	0.0%	9.5%	0.0%	0.0%	9.5%
040134224011	No	100.0%	73.6%	30.2%	3.2%	2.5%	0.5%	0.0%	2.7%	17.4%
040134224012	Yes	100.0%	60.9%	43.2%	26.0%	0.0%	0.0%	0.0%	0.0%	13.2%
040134224013	Yes	100.0%	52.5%	36.4%	5.4%	0.0%	5.2%	0.0%	30.5%	6.3%
040134224021	No	100.0%	72.6%	24.9%	5.7%	1.5%	0.8%	0.0%	12.3%	7.1%
040134224022	No	100.0%	93.0%	7.4%	1.0%	0.0%	1.9%	0.0%	0.0%	4.2%
040134224023	No	100.0%	89.8%	54.7%	0.0%	0.6%	0.0%	0.0%	5.3%	4.3%
040134224031	No	100.0%	76.6%	14.2%	0.0%	0.0%	11.9%	0.0%	5.1%	6.5%
040134224032	No	100.0%	62.7%	25.2%	7.4%	6.7%	7.0%	0.0%	11.4%	4.8%
040134224033	No	100.0%	82.7%	20.0%	0.0%	0.0%	0.0%	0.0%	7.6%	9.7%
040134224041	No	100.0%	77.5%	17.8%	4.7%	1.3%	4.7%	0.0%	0.8%	11.0%
040134224042	No	100.0%	80.0%	16.9%	1.4%	0.7%	7.6%	0.0%	2.2%	8.0%
040134225011	No	100.0%	78.1%	17.1%	6.4%	0.3%	0.6%	0.0%	9.9%	4.7%
040134225012	No	100.0%	89.9%	23.1%	4.1%	1.6%	0.7%	0.5%	0.0%	3.2%
040134225013	No	100.0%	94.5%	1.7%	0.0%	0.0%	3.8%	0.0%	1.7%	0.0%
040134225014	No	100.0%	72.6%	37.3%	0.9%	1.9%	0.5%	0.0%	10.0%	14.1%
040134225021	No	100.0%	79.3%	26.9%	1.3%	0.0%	1.6%	0.0%	10.3%	7.5%
040134225022	Yes	100.0%	64.9%	35.1%	0.0%	0.0%	0.0%	0.0%	3.8%	31.3%
040134225023	No	100.0%	73.5%	29.3%	9.4%	0.0%	0.0%	0.0%	8.0%	9.0%
040134225024	No	100.0%	71.8%	16.8%	6.6%	8.1%	1.0%	0.0%	3.8%	8.6%
040134225031	No	100.0%	79.4%	22.5%	1.2%	0.0%	0.0%	0.0%	15.3%	4.2%
040134225032	No	100.0%	81.6%	42.8%	3.5%	0.0%	0.0%	0.0%	9.5%	5.3%
040134225033	Yes	100.0%	71.4%	44.3%	0.0%	2.0%	0.0%	0.0%	6.8%	19.7%
040134225034	No	100.0%	92.5%	7.1%	2.5%	0.0%	2.0%	0.0%	0.0%	3.1%
040134225041	No	100.0%	78.0%	28.3%	2.7%	0.0%	0.1%	0.0%	8.3%	10.9%
040134225042	No	100.0%	74.1%	22.0%	0.0%	13.9%	0.7%	0.0%	2.0%	9.3%
040134225043	No	100.0%	64.8%	18.1%	6.3%	12.3%	0.0%	0.0%	4.6%	12.2%
040134225061	No	100.0%	79.0%	29.8%	1.3%	0.3%	4.1%	0.0%	6.1%	9.1%
040134225062	No	100.0%	71.0%	9.2%	19.6%	0.0%	7.0%	0.0%	2.5%	0.0%
040134225063	No	100.0%	79.1%	21.7%	0.0%	0.0%	0.0%	0.0%	0.0%	20.9%
040134225064	No	100.0%	77.6%	18.4%	3.1%	0.0%	3.2%	0.0%	1.7%	14.4%
040134225071	No	100.0%	75.4%	21.5%	3.8%	3.8%	1.9%	0.0%	4.1%	11.0%
040134225072	No	100.0%	76.5%	12.2%	0.7%	2.1%	1.3%	0.0%	2.9%	16.5%
040134225073	No	100.0%	80.9%	10.1%	7.3%	0.0%	1.7%	0.0%	0.0%	10.1%
040134225081	No	100.0%	85.8%	8.8%	0.0%	0.0%	7.1%	0.7%	0.0%	6.4%
040134225082	No	100.0%	85.7%	13.7%	3.3%	2.5%	3.1%	0.0%	3.9%	1.4%
040134225091	No	100.0%	70.6%	18.2%	1.2%	0.0%	10.2%	0.0%	3.7%	14.3%

**TABLE 15: MINORITY PERCENTAGE BY CENSUS BLOCK GROUPS
(2022 ACS)**

GEO ID	Minority Above Average %?	Total Population	White	Hispanic or Latino	Black	American Indian	Asian	Native Hawaiian	Other	TwoRaces
040134225092	No	100.0%	96.5%	27.1%	0.0%	1.7%	0.0%	0.0%	0.0%	1.8%
040134225093	No	100.0%	79.0%	17.9%	0.0%	0.0%	3.3%	0.0%	7.8%	10.0%
040134225101	No	100.0%	84.6%	7.7%	0.0%	0.0%	6.5%	0.0%	7.3%	1.5%
040134225102	No	100.0%	95.5%	0.0%	0.0%	0.0%	4.5%	0.0%	0.0%	0.0%
040134225103	No	100.0%	85.7%	30.5%	6.1%	0.0%	2.5%	0.0%	0.8%	4.8%
040134225111	No	100.0%	83.6%	24.4%	0.5%	0.0%	5.5%	0.0%	9.3%	1.1%
040134225112	No	100.0%	81.4%	18.7%	1.1%	0.0%	4.9%	0.0%	3.1%	9.6%
040134225121	No	100.0%	90.2%	3.9%	0.0%	0.0%	3.6%	0.0%	1.7%	4.5%
040134225122	No	100.0%	71.6%	23.5%	1.5%	6.6%	2.2%	0.0%	12.3%	5.8%
040134225123	No	100.0%	56.3%	7.7%	29.5%	0.4%	1.6%	0.0%	3.0%	9.2%
040134225131	No	100.0%	95.6%	3.3%	3.2%	0.0%	0.0%	0.0%	1.3%	0.0%
040134225132	No	100.0%	77.1%	21.6%	0.2%	2.0%	0.5%	0.0%	2.1%	18.1%
040134225133	No	100.0%	72.0%	25.1%	4.1%	0.1%	0.0%	0.0%	0.0%	23.8%
040134225141	No	100.0%	75.3%	38.9%	1.4%	0.0%	3.7%	0.0%	2.3%	17.3%
040134225142	No	100.0%	67.6%	26.4%	5.1%	0.6%	4.5%	0.3%	7.6%	14.3%
040134226071	No	100.0%	83.0%	16.1%	0.6%	12.9%	0.0%	0.0%	1.7%	1.8%
040134226072	No	100.0%	79.4%	0.0%	14.5%	3.6%	0.0%	0.0%	0.0%	2.5%
040134226073	No	100.0%	89.9%	2.8%	8.8%	0.0%	0.0%	0.0%	0.0%	1.3%
040134226091	No	100.0%	71.9%	15.7%	3.3%	3.7%	10.8%	0.7%	1.4%	8.2%
040134226092	No	100.0%	75.9%	30.4%	1.0%	0.0%	0.9%	0.0%	2.3%	20.0%
040134226101	No	100.0%	98.2%	2.6%	0.0%	0.0%	0.0%	0.0%	0.0%	1.8%
040134226102	No	100.0%	94.0%	6.2%	0.1%	0.0%	0.0%	0.0%	0.8%	5.0%
040134226151	No	100.0%	80.2%	24.2%	2.3%	5.2%	4.0%	0.0%	2.5%	5.7%
040134226152	Yes	100.0%	61.1%	41.8%	0.3%	1.9%	0.4%	0.5%	31.2%	4.6%
040134226153	No	100.0%	79.6%	9.5%	1.4%	0.0%	6.8%	0.0%	7.2%	5.0%
040134226154	Yes	100.0%	56.4%	24.4%	17.4%	9.3%	2.3%	0.0%	3.0%	11.7%
040134226171	No	100.0%	83.9%	30.9%	0.0%	0.0%	0.0%	0.0%	2.6%	13.5%
040134226172	No	100.0%	86.0%	3.8%	0.0%	0.0%	5.3%	0.0%	0.0%	8.7%
040134226173	No	100.0%	65.5%	18.2%	3.3%	4.0%	0.0%	1.6%	17.4%	8.2%
040134226174	No	100.0%	82.5%	15.2%	0.0%	0.0%	3.6%	0.0%	3.9%	10.1%
040134226181	No	100.0%	99.3%	0.7%	0.0%	0.0%	0.0%	0.0%	0.0%	0.7%
040134226182	No	100.0%	96.0%	2.7%	0.6%	0.0%	2.7%	0.0%	0.0%	0.7%
040134226201	No	100.0%	83.4%	14.8%	0.0%	2.1%	5.7%	0.0%	1.8%	7.0%
040134226202	No	100.0%	89.5%	18.4%	0.3%	0.0%	1.1%	0.0%	0.5%	8.6%
040134226211	No	100.0%	64.6%	15.3%	2.2%	0.0%	3.6%	0.0%	0.6%	29.0%
040134226212	No	100.0%	69.4%	20.2%	0.7%	7.4%	0.5%	0.0%	17.9%	4.1%
040134226213	No	100.0%	77.9%	21.5%	1.1%	0.0%	3.0%	0.0%	6.2%	11.7%
040134226221	No	100.0%	81.6%	21.8%	2.1%	1.2%	4.5%	0.0%	1.2%	9.5%
040134226222	No	100.0%	78.8%	17.1%	5.1%	1.2%	2.2%	0.0%	3.1%	9.6%
040134226223	No	100.0%	95.6%	0.0%	0.0%	0.0%	0.0%	1.6%	0.0%	2.8%
040134226231	No	100.0%	85.1%	13.1%	0.0%	0.0%	8.6%	0.0%	2.2%	4.1%
040134226232	No	100.0%	72.4%	29.3%	0.0%	0.0%	3.7%	0.0%	0.4%	23.5%
040134226233	No	100.0%	67.0%	16.2%	12.4%	0.5%	3.3%	0.0%	6.6%	10.2%
040134226241	No	100.0%	91.9%	5.2%	0.0%	0.0%	1.9%	0.0%	2.6%	3.6%
040134226242	No	100.0%	92.9%	4.1%	0.8%	0.9%	0.0%	0.0%	0.0%	5.4%
040134226251	No	100.0%	85.9%	29.2%	3.0%	2.2%	0.4%	0.0%	7.4%	1.1%
040134226252	No	100.0%	91.7%	10.4%	3.5%	0.0%	0.0%	0.0%	0.1%	4.7%
040134226253	Yes	100.0%	38.6%	76.8%	0.0%	1.6%	0.0%	0.0%	10.2%	49.6%
040134226261	No	100.0%	94.1%	3.3%	1.1%	0.5%	0.0%	0.0%	1.2%	3.0%
040134226262	No	100.0%	93.0%	0.0%	0.0%	0.0%	4.2%	0.0%	0.0%	2.8%
040134226271	No	100.0%	73.6%	28.5%	7.3%	0.0%	0.0%	0.0%	3.0%	16.1%
040134226272	No	100.0%	71.2%	18.3%	3.0%	0.0%	0.0%	0.0%	17.1%	8.7%
040134226273	No	100.0%	73.9%	27.8%	0.0%	0.0%	0.0%	0.0%	21.3%	4.8%
040134226281	No	100.0%	89.2%	9.4%	0.0%	0.0%	6.6%	0.0%	0.0%	4.2%
040134226282	No	100.0%	62.0%	11.9%	2.4%	5.7%	0.0%	0.0%	3.6%	26.4%
040134226283	No	100.0%	60.6%	12.2%	23.9%	1.3%	0.0%	0.0%	4.3%	9.8%
040134226291	No	100.0%	82.8%	15.9%	0.0%	1.9%	0.0%	0.0%	4.6%	10.7%
040134226292	No	100.0%	67.6%	26.9%	5.3%	0.0%	1.9%	0.0%	10.5%	14.7%
040134226301	Yes	100.0%	64.7%	37.2%	0.8%	0.0%	2.2%	0.0%	8.7%	23.5%
040134226302	No	100.0%	84.8%	32.3%	0.0%	2.6%	6.2%	0.0%	3.0%	3.5%
040134226321	No	100.0%	81.1%	19.2%	0.0%	1.3%	0.7%	0.0%	0.7%	16.2%
040134226322	No	100.0%	82.8%	18.6%	1.9%	0.8%	2.4%	0.0%	3.1%	9.0%

**TABLE 15: MINORITY PERCENTAGE BY CENSUS BLOCK GROUPS
(2022 ACS)**

GEO ID	Minority Above Average %?	Total Population	White	Hispanic or Latino	Black	American Indian	Asian	Native Hawaiian	Other	TwoRaces
040134226323	Yes	100.0%	67.5%	33.3%	0.0%	0.6%	4.2%	0.0%	0.0%	27.7%
040134226331	No	100.0%	55.7%	17.0%	8.0%	0.0%	16.7%	0.0%	0.0%	19.7%
040134226332	No	100.0%	62.3%	23.4%	3.5%	0.0%	8.6%	0.0%	14.8%	10.8%
040134226341	No	100.0%	77.3%	30.7%	0.5%	2.7%	0.8%	0.0%	5.3%	13.5%
040134226342	Yes	100.0%	72.0%	43.8%	1.7%	0.0%	0.5%	0.0%	15.6%	10.2%
040134226361	Yes	100.0%	62.5%	27.5%	16.7%	0.2%	5.1%	0.0%	5.7%	9.9%
040134226362	No	100.0%	70.8%	35.6%	2.0%	0.0%	0.0%	0.0%	22.9%	4.3%
040134226363	No	100.0%	64.8%	19.8%	4.0%	0.0%	0.0%	0.0%	15.8%	15.4%
040134226371	No	100.0%	89.1%	14.4%	0.0%	0.3%	0.0%	0.0%	3.0%	7.6%
040134226372	No	100.0%	75.9%	22.2%	2.6%	0.0%	2.6%	0.0%	5.1%	13.9%
040134226381	No	100.0%	72.7%	28.2%	3.8%	1.6%	2.6%	0.0%	13.9%	5.4%
040134226382	No	100.0%	71.9%	10.7%	13.3%	0.0%	2.4%	0.0%	1.2%	11.2%
040134226391	No	100.0%	99.4%	0.8%	0.0%	0.6%	0.0%	0.0%	0.0%	0.0%
040134226392	No	100.0%	100.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
040134226393	No	100.0%	100.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
040134226401	No	100.0%	77.6%	28.7%	0.0%	0.1%	3.7%	0.0%	0.9%	17.7%
040134226402	No	100.0%	89.9%	25.8%	1.5%	2.0%	0.0%	0.0%	0.0%	6.5%
040134226403	No	100.0%	95.0%	5.5%	0.0%	0.0%	0.0%	0.0%	0.0%	5.0%
040134226404	No	100.0%	67.0%	10.4%	17.1%	0.0%	0.9%	0.0%	0.8%	14.2%
040134226421	No	100.0%	80.7%	23.2%	0.5%	1.8%	0.4%	0.0%	10.4%	6.3%
040134226422	No	100.0%	93.4%	26.3%	3.3%	0.0%	0.0%	0.0%	0.0%	3.3%
040134226423	No	100.0%	89.0%	2.9%	3.5%	0.0%	0.0%	0.0%	0.0%	7.5%
040134226431	No	100.0%	85.3%	15.8%	1.6%	0.0%	1.5%	0.0%	2.1%	9.4%
040134226432	No	100.0%	70.7%	23.0%	7.6%	0.4%	3.5%	0.0%	0.0%	17.8%
040134226433	No	100.0%	69.0%	27.5%	1.1%	0.0%	1.9%	0.0%	3.5%	24.5%
040134226434	No	100.0%	81.4%	17.4%	0.0%	0.0%	0.0%	0.0%	18.6%	0.0%
040134226471	No	100.0%	55.1%	16.7%	7.5%	0.8%	10.1%	0.0%	1.1%	25.3%
040134226472	No	100.0%	74.6%	15.9%	8.5%	0.0%	1.9%	0.0%	1.1%	13.9%
040134226481	No	100.0%	70.3%	31.1%	20.9%	0.0%	2.3%	0.0%	1.6%	4.9%
040134226482	No	100.0%	70.2%	12.4%	6.3%	0.0%	8.5%	0.0%	1.1%	13.9%
040134226483	No	100.0%	78.4%	17.1%	7.2%	0.0%	0.7%	0.0%	4.0%	9.8%
040134226491	No	100.0%	85.8%	16.0%	1.8%	0.0%	1.7%	0.0%	0.6%	10.1%
040134226492	No	100.0%	87.9%	17.1%	0.0%	0.0%	0.0%	0.0%	4.6%	7.5%
040134226493	No	100.0%	66.5%	21.4%	7.5%	0.0%	3.2%	0.0%	2.0%	20.8%
040134226501	No	100.0%	82.7%	11.7%	0.0%	5.5%	5.1%	0.0%	0.0%	6.6%
040134226511	No	100.0%	87.4%	9.0%	1.7%	0.0%	2.8%	0.0%	1.8%	6.2%
040134226512	No	100.0%	64.8%	17.9%	1.7%	0.0%	23.7%	0.0%	3.3%	6.5%
040134226513	No	100.0%	80.4%	6.4%	0.0%	0.0%	5.6%	1.5%	0.7%	11.7%
040134226521	No	100.0%	96.4%	0.8%	1.0%	0.0%	1.2%	0.0%	0.0%	1.4%
040134226522	No	100.0%	96.8%	11.5%	0.0%	0.0%	0.0%	0.0%	0.0%	3.2%
040134226531	No	100.0%	89.1%	20.4%	0.4%	0.0%	1.3%	0.0%	3.5%	5.7%
040134226532	No	100.0%	76.5%	38.8%	0.0%	0.2%	0.7%	0.0%	15.0%	7.6%
040134226541	No	100.0%	75.6%	24.3%	7.3%	0.0%	3.5%	0.0%	7.1%	6.5%
040134226542	No	100.0%	97.7%	10.1%	0.0%	0.0%	0.0%	0.0%	0.0%	2.3%
040134226543	Yes	100.0%	69.7%	36.7%	1.9%	0.0%	0.0%	0.0%	28.4%	0.0%
040134226551	No	100.0%	81.9%	18.6%	2.1%	0.0%	0.0%	0.0%	3.9%	12.1%
040134226552	No	100.0%	90.6%	12.6%	0.2%	3.9%	0.0%	0.0%	0.0%	5.3%
040134226561	No	100.0%	86.7%	9.3%	0.0%	0.0%	3.8%	0.0%	0.5%	9.0%
040134226562	No	100.0%	83.9%	15.0%	0.0%	0.0%	4.3%	0.0%	0.0%	11.8%
040134226563	No	100.0%	83.7%	9.5%	6.4%	0.0%	0.0%	0.0%	3.6%	6.3%
040134226571	No	100.0%	84.5%	7.5%	0.0%	0.0%	0.4%	0.0%	0.8%	14.3%
040134226572	No	100.0%	89.7%	12.9%	0.0%	4.3%	0.0%	0.0%	0.0%	5.9%
040134226573	No	100.0%	73.4%	34.6%	4.2%	4.4%	1.1%	0.0%	0.0%	16.9%
040134226581	No	100.0%	51.8%	6.7%	11.6%	0.0%	17.6%	1.7%	0.4%	16.9%
040134226582	No	100.0%	86.8%	16.6%	3.4%	0.0%	0.0%	0.0%	4.1%	5.7%
040134226591	No	100.0%	73.5%	27.9%	0.0%	0.6%	0.7%	0.0%	18.8%	6.4%
040134226601	No	100.0%	72.4%	19.9%	7.6%	0.6%	2.8%	0.0%	2.7%	13.9%
040134226602	No	100.0%	75.9%	13.9%	13.5%	1.2%	1.7%	0.0%	0.6%	7.1%
040135228011	No	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
040135228021	No	100.0%	79.6%	9.4%	2.7%	2.1%	10.2%	0.0%	4.3%	1.1%
040135229011	No	100.0%	79.0%	28.3%	2.1%	3.1%	0.0%	0.0%	5.5%	10.2%
040135229012	No	100.0%	64.0%	25.2%	9.8%	2.8%	6.6%	0.0%	5.6%	11.1%

**TABLE 15: MINORITY PERCENTAGE BY CENSUS BLOCK GROUPS
(2022 ACS)**

GEO ID	Minority Above Average %?	Total Population	White	Hispanic or Latino	Black	American Indian	Asian	Native Hawaiian	Other	TwoRaces
040135229013	No	100.0%	57.3%	19.3%	0.0%	5.8%	22.5%	0.0%	4.4%	10.1%
040135229031	Yes	100.0%	50.6%	58.0%	10.7%	0.0%	0.7%	0.0%	9.6%	28.3%
040135229032	Yes	100.0%	12.8%	91.3%	0.0%	4.1%	0.0%	0.0%	25.6%	57.5%
040135229033	Yes	100.0%	52.2%	71.0%	12.1%	6.5%	0.0%	0.0%	13.6%	15.6%
040135229041	Yes	100.0%	58.8%	75.7%	4.0%	2.6%	3.6%	0.0%	15.1%	16.0%
040135229042	Yes	100.0%	44.6%	31.6%	14.5%	0.0%	14.1%	0.0%	13.0%	13.8%
040135229043	Yes	100.0%	59.7%	84.5%	1.3%	0.0%	0.0%	0.0%	15.8%	23.2%
040135230021	Yes	100.0%	74.1%	56.6%	3.2%	1.1%	0.0%	0.0%	12.0%	9.5%
040135230022	Yes	100.0%	40.8%	53.8%	15.5%	0.0%	7.3%	0.0%	21.8%	14.6%
040135230023	Yes	100.0%	69.4%	42.0%	0.0%	1.1%	8.3%	0.0%	6.9%	14.4%
040135230024	Yes	100.0%	53.7%	58.6%	0.0%	0.0%	3.1%	0.0%	28.0%	15.2%
040135230051	No	100.0%	67.9%	23.8%	4.5%	3.5%	3.4%	0.0%	4.5%	16.2%
040135230052	No	100.0%	83.9%	8.2%	0.4%	0.0%	3.5%	0.0%	1.6%	10.6%
040135230053	No	100.0%	83.6%	25.2%	1.0%	1.2%	2.9%	0.0%	5.7%	5.6%
040135230061	Yes	100.0%	74.4%	39.8%	5.6%	9.2%	0.0%	0.0%	1.9%	9.1%
040135230062	Yes	100.0%	51.1%	19.3%	0.0%	0.1%	20.7%	0.0%	3.8%	24.2%
040135230063	Yes	100.0%	44.2%	48.8%	0.0%	7.9%	13.7%	0.0%	11.9%	22.4%
040135230064	Yes	100.0%	43.9%	26.0%	10.9%	0.0%	16.3%	0.0%	0.7%	28.2%
040135230071	No	100.0%	76.6%	27.8%	3.7%	0.0%	0.9%	0.0%	5.3%	13.5%
040135230072	No	100.0%	58.0%	20.8%	2.3%	0.0%	18.1%	0.0%	5.7%	16.0%
040135230081	No	100.0%	71.9%	19.8%	22.4%	0.2%	0.9%	0.0%	0.0%	4.6%
040135230082	No	100.0%	86.0%	33.2%	2.5%	0.0%	5.6%	0.0%	1.9%	4.1%
040135231021	Yes	100.0%	47.8%	45.8%	20.0%	2.2%	6.3%	0.0%	6.6%	17.2%
040135231022	No	100.0%	63.1%	3.9%	16.1%	2.4%	8.9%	0.0%	0.0%	9.5%
040135231023	No	100.0%	73.7%	23.9%	7.9%	0.6%	7.8%	0.0%	5.1%	4.8%
040135231024	Yes	100.0%	55.8%	60.6%	22.9%	0.7%	1.0%	0.0%	2.3%	17.3%
040135231031	No	100.0%	52.5%	4.8%	32.7%	0.7%	4.5%	0.0%	1.8%	7.7%
040135231032	No	100.0%	50.7%	13.7%	3.4%	3.5%	17.3%	0.0%	12.4%	12.8%
040135231033	Yes	100.0%	34.7%	26.3%	3.4%	22.9%	12.8%	0.7%	15.4%	10.1%
040135231034	Yes	100.0%	66.4%	36.9%	3.4%	0.2%	0.0%	0.0%	1.7%	28.4%
040135231041	Yes	100.0%	48.1%	17.3%	16.8%	1.9%	6.6%	5.6%	7.6%	13.4%
040135231042	Yes	100.0%	56.9%	61.3%	0.4%	3.6%	0.0%	0.0%	31.8%	7.3%
040135231043	Yes	100.0%	61.3%	60.1%	17.9%	0.0%	2.7%	0.0%	16.8%	1.3%
040135231044	Yes	100.0%	40.4%	42.9%	0.0%	6.9%	24.0%	0.0%	8.0%	20.7%
040136100011	No	100.0%	85.3%	2.6%	2.5%	0.0%	0.3%	0.0%	0.0%	11.9%
040136100021	No	100.0%	89.2%	0.0%	0.0%	0.0%	10.8%	0.0%	0.0%	0.0%
040136100022	No	100.0%	79.1%	19.4%	7.3%	6.0%	2.5%	0.4%	3.5%	1.2%
040136100023	No	100.0%	88.1%	20.1%	0.0%	2.3%	3.5%	0.0%	0.0%	6.1%
040136100024	No	100.0%	83.3%	5.6%	0.0%	0.0%	5.7%	0.0%	3.9%	7.1%
040136101001	No	100.0%	73.5%	20.7%	0.0%	0.0%	8.1%	0.0%	10.1%	8.2%
040136102011	No	100.0%	96.7%	1.5%	1.0%	0.0%	0.4%	0.0%	1.1%	0.8%
040136102012	No	100.0%	91.5%	8.7%	0.0%	0.0%	0.0%	0.0%	3.7%	4.8%
040136102021	No	100.0%	51.8%	6.5%	15.6%	0.0%	0.0%	0.0%	0.0%	32.6%
040136102022	No	100.0%	92.1%	11.1%	0.0%	0.0%	5.1%	0.0%	2.8%	0.0%
040136102023	No	100.0%	94.4%	2.3%	2.4%	0.0%	0.0%	0.0%	0.0%	3.2%
040136103011	No	100.0%	81.7%	1.8%	0.0%	0.0%	14.8%	0.0%	0.0%	3.5%
040136103012	No	100.0%	93.1%	27.3%	1.3%	0.0%	2.0%	0.0%	0.7%	2.9%
040136103021	No	100.0%	92.7%	4.0%	3.4%	0.0%	0.0%	0.0%	0.9%	3.0%
040136103022	No	100.0%	89.8%	17.2%	0.0%	0.0%	1.0%	0.0%	0.5%	8.6%
040136104001	No	100.0%	75.2%	18.4%	0.0%	2.5%	0.4%	0.0%	13.6%	8.3%
040136104002	No	100.0%	93.7%	16.0%	1.9%	1.6%	0.0%	0.0%	1.8%	1.1%
040136104003	No	100.0%	83.0%	5.7%	6.5%	0.0%	2.7%	0.0%	0.0%	7.8%
040136104004	No	100.0%	83.7%	2.6%	0.0%	1.7%	2.3%	0.0%	1.3%	10.9%
040136105001	No	100.0%	100.0%	15.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
040136105002	No	100.0%	77.9%	13.1%	0.0%	0.0%	15.3%	0.0%	0.9%	6.0%
040136105003	No	100.0%	91.4%	6.9%	0.0%	0.0%	1.3%	0.0%	1.8%	5.5%
040136105004	No	100.0%	95.1%	5.0%	0.0%	0.0%	2.7%	0.0%	0.0%	2.2%
040136106001	No	100.0%	100.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
040136106002	No	100.0%	69.1%	24.1%	7.0%	0.0%	0.0%	0.0%	0.0%	23.9%
040136106003	No	100.0%	75.4%	9.1%	0.0%	1.5%	8.7%	0.0%	6.4%	8.1%
040136106004	No	100.0%	90.0%	33.1%	0.0%	0.0%	2.3%	0.0%	1.1%	6.6%
040136107001	No	100.0%	95.1%	3.7%	0.0%	0.0%	0.2%	0.0%	4.3%	0.5%

**TABLE 15: MINORITY PERCENTAGE BY CENSUS BLOCK GROUPS
(2022 ACS)**

GEO ID	Minority Above Average %?	Total Population	White	Hispanic or Latino	Black	American Indian	Asian	Native Hawaiian	Other	TwoRaces
040136107002	No	100.0%	53.9%	14.9%	20.6%	0.0%	0.0%	0.0%	7.7%	17.8%
040136107003	No	100.0%	90.2%	4.1%	2.7%	0.0%	0.0%	0.0%	1.2%	6.0%
040136107004	No	100.0%	93.5%	16.3%	1.9%	0.0%	0.0%	0.0%	2.8%	1.8%
040136108001	No	100.0%	81.4%	10.7%	5.9%	0.0%	2.5%	0.0%	2.7%	7.5%
040136108002	No	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
040136108003	No	100.0%	78.5%	5.5%	4.8%	0.1%	14.0%	0.0%	0.4%	2.2%
040136109011	No	100.0%	80.4%	13.2%	0.0%	3.3%	5.2%	0.0%	0.8%	10.3%
040136109012	Yes	100.0%	41.6%	9.6%	7.8%	0.0%	1.6%	0.0%	0.9%	48.1%
040136109013	No	100.0%	76.2%	30.9%	0.0%	0.0%	2.3%	0.0%	5.8%	15.8%
040136109021	No	100.0%	82.9%	2.4%	0.0%	4.2%	11.3%	0.0%	0.0%	1.5%
040136109022	No	100.0%	69.1%	21.9%	0.0%	0.0%	18.8%	0.0%	2.4%	9.7%
040136109031	No	100.0%	66.2%	6.0%	3.2%	0.5%	24.8%	0.0%	0.5%	4.9%
040136110001	No	100.0%	78.2%	11.5%	2.0%	0.9%	8.4%	0.0%	2.7%	7.8%
040136111001	No	100.0%	84.4%	15.3%	0.6%	0.0%	0.0%	0.0%	0.3%	14.6%
040136111002	No	100.0%	83.1%	1.9%	6.5%	0.0%	8.6%	0.0%	0.6%	1.2%
040136112001	No	100.0%	66.4%	14.0%	6.0%	0.0%	15.6%	0.0%	2.7%	9.4%
040136112002	No	100.0%	88.3%	9.6%	0.0%	0.9%	1.4%	0.0%	7.8%	1.5%
040136112003	No	100.0%	73.7%	17.2%	1.0%	0.7%	12.0%	0.0%	7.4%	5.3%
040136112004	No	100.0%	93.1%	2.3%	0.0%	0.0%	4.5%	0.0%	2.3%	0.0%
040136113001	No	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
040136113002	No	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
040136113003	No	100.0%	77.8%	14.4%	3.0%	0.0%	0.0%	0.2%	3.4%	15.6%
040136113004	No	100.0%	87.4%	4.9%	3.5%	0.8%	2.7%	0.9%	0.0%	4.7%
040136113005	No	100.0%	72.5%	10.9%	1.9%	0.0%	15.3%	0.0%	3.0%	7.2%
040136113006	No	100.0%	94.3%	20.9%	0.0%	0.0%	4.0%	0.0%	0.0%	1.7%
040136114001	No	100.0%	94.1%	0.9%	1.0%	0.0%	1.9%	0.0%	0.0%	3.0%
040136114002	No	100.0%	87.7%	5.4%	1.8%	0.0%	0.8%	1.6%	0.0%	8.1%
040136114003	No	100.0%	89.9%	0.9%	2.4%	0.0%	6.7%	0.0%	0.9%	0.0%
040136115001	No	100.0%	74.2%	13.4%	0.0%	4.3%	14.0%	1.8%	1.2%	4.5%
040136115002	No	100.0%	66.4%	5.8%	0.0%	0.0%	28.0%	0.0%	0.0%	5.6%
040136115003	No	100.0%	80.1%	7.6%	0.0%	3.4%	10.2%	1.0%	0.0%	5.3%
040136115004	No	100.0%	78.8%	23.1%	1.7%	0.5%	4.6%	0.0%	8.7%	5.6%
040136116001	No	100.0%	82.3%	13.2%	0.0%	1.3%	5.6%	0.0%	6.4%	4.4%
040136116002	No	100.0%	63.9%	27.4%	0.0%	1.6%	9.9%	0.0%	7.9%	16.6%
040136117001	No	100.0%	73.5%	7.5%	1.9%	0.0%	14.3%	0.0%	2.8%	7.5%
040136117002	No	100.0%	95.0%	3.9%	0.0%	0.0%	3.7%	0.0%	0.0%	1.4%
040136117003	No	100.0%	78.2%	1.7%	3.7%	1.2%	3.3%	0.0%	0.0%	13.6%
040136117004	No	100.0%	97.9%	1.7%	0.0%	0.8%	0.0%	0.0%	0.0%	1.3%
040136118001	No	100.0%	81.1%	10.4%	1.1%	0.0%	1.4%	0.0%	9.1%	7.3%
040136118002	No	100.0%	70.4%	23.7%	0.0%	0.0%	6.0%	0.0%	23.7%	0.0%
040136118003	No	100.0%	88.4%	10.3%	0.0%	1.3%	0.0%	0.0%	8.3%	2.0%
040136118004	No	100.0%	75.5%	11.4%	6.4%	0.0%	0.0%	0.0%	8.5%	9.6%
040136119001	No	100.0%	60.8%	18.7%	1.4%	1.2%	19.5%	0.0%	4.7%	12.3%
040136119002	No	100.0%	74.7%	15.1%	14.7%	0.0%	1.0%	0.0%	0.0%	9.6%
040136120001	No	100.0%	80.7%	8.4%	1.9%	0.0%	4.4%	0.0%	0.6%	12.3%
040136120002	No	100.0%	85.3%	5.7%	3.4%	0.0%	0.0%	0.0%	5.1%	6.3%
040136120003	No	100.0%	61.8%	8.8%	7.0%	0.0%	20.4%	0.0%	3.4%	7.4%
040136122001	No	100.0%	76.3%	8.6%	5.3%	0.0%	14.0%	0.0%	0.0%	4.3%
040136122002	No	100.0%	80.4%	17.9%	1.8%	0.0%	6.2%	0.0%	4.0%	7.5%
040136123011	No	100.0%	52.5%	14.8%	0.0%	0.0%	32.7%	0.0%	14.4%	0.4%
040136123012	No	100.0%	61.0%	15.2%	6.5%	0.0%	21.4%	0.0%	0.9%	10.2%
040136123021	Yes	100.0%	49.9%	21.5%	0.0%	0.0%	39.7%	0.0%	3.8%	6.6%
040136123022	No	100.0%	87.5%	3.9%	0.0%	0.0%	1.9%	0.0%	0.0%	10.7%
040136123023	No	100.0%	80.1%	5.6%	12.6%	0.0%	5.8%	0.0%	0.1%	1.5%
040136124011	No	100.0%	92.7%	18.4%	0.4%	0.0%	0.0%	0.0%	1.4%	5.5%
040136124012	No	100.0%	89.6%	9.7%	0.0%	0.0%	1.8%	0.0%	4.2%	4.3%
040136124021	No	100.0%	79.8%	13.6%	1.1%	0.0%	14.0%	0.0%	0.7%	4.3%
040136124022	No	100.0%	55.6%	12.3%	0.0%	0.0%	0.0%	0.0%	0.0%	44.4%
040136125001	No	100.0%	93.5%	2.7%	0.0%	0.0%	4.0%	0.0%	0.8%	1.7%
040136125002	No	100.0%	89.2%	4.9%	2.5%	0.0%	2.1%	0.0%	0.0%	6.2%
040136125003	No	100.0%	97.5%	7.3%	1.6%	0.0%	0.9%	0.0%	0.0%	0.0%
040136126001	No	100.0%	78.5%	15.5%	0.0%	0.9%	2.5%	0.0%	0.9%	17.2%

**TABLE 15: MINORITY PERCENTAGE BY CENSUS BLOCK GROUPS
(2022 ACS)**

GEO ID	Minority Above Average %?	Total Population	White	Hispanic or Latino	Black	American Indian	Asian	Native Hawaiian	Other	TwoRaces
040136126002	No	100.0%	82.9%	12.3%	0.9%	0.0%	2.3%	1.0%	0.0%	12.8%
040136127001	No	100.0%	86.6%	8.5%	3.2%	0.0%	3.1%	0.0%	0.0%	7.2%
040136127002	No	100.0%	84.1%	4.5%	0.0%	0.0%	6.0%	0.0%	0.5%	9.4%
040136128001	No	100.0%	85.5%	4.1%	1.6%	0.8%	2.2%	0.3%	3.1%	6.5%
040136129001	No	100.0%	89.5%	6.3%	0.7%	0.3%	2.2%	0.0%	0.9%	6.5%
040136129002	No	100.0%	87.5%	16.8%	0.4%	0.0%	0.0%	0.0%	4.3%	7.8%
040136130001	No	100.0%	93.9%	4.1%	0.2%	0.0%	3.2%	0.0%	1.0%	1.7%
040136130002	No	100.0%	90.7%	3.9%	0.0%	0.0%	5.7%	0.0%	0.6%	3.0%
040136130003	No	100.0%	86.6%	1.6%	1.0%	0.0%	9.7%	0.0%	0.1%	2.7%
040136131001	No	100.0%	86.5%	0.0%	0.0%	0.0%	0.0%	0.0%	13.5%	0.0%
040136131002	No	100.0%	85.9%	4.8%	0.0%	0.8%	8.9%	0.0%	3.4%	1.1%
040136131003	No	100.0%	88.7%	6.6%	0.0%	0.0%	10.5%	0.0%	0.0%	0.8%
040136132001	No	100.0%	83.7%	2.0%	0.0%	0.0%	10.7%	0.0%	0.0%	5.6%
040136132002	No	100.0%	96.0%	3.7%	0.0%	0.0%	0.0%	0.0%	4.0%	0.0%
040136132003	No	100.0%	99.5%	3.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.5%
040136133001	No	100.0%	84.9%	2.3%	7.0%	0.0%	8.1%	0.0%	0.0%	0.0%
040136133002	No	100.0%	98.8%	37.7%	0.0%	0.0%	0.0%	0.0%	0.0%	1.2%
040136133003	No	100.0%	82.9%	1.1%	0.0%	0.0%	2.2%	0.0%	0.0%	14.9%
040136133004	No	100.0%	93.2%	11.9%	0.9%	0.0%	0.7%	0.0%	0.0%	5.1%
040136133005	No	100.0%	91.3%	0.0%	0.0%	0.0%	1.9%	0.0%	0.0%	6.8%
040136134001	No	100.0%	85.5%	2.5%	7.2%	0.0%	0.6%	0.0%	0.0%	6.8%
040136134002	No	100.0%	83.6%	9.1%	0.0%	2.3%	6.4%	0.0%	2.2%	5.5%
040136135001	No	100.0%	77.7%	1.1%	3.6%	2.4%	0.0%	0.0%	1.5%	14.8%
040136135002	No	100.0%	72.6%	0.0%	6.2%	0.0%	2.8%	12.3%	0.0%	6.1%
040136135003	No	100.0%	87.9%	9.1%	0.0%	1.0%	1.2%	0.0%	0.0%	9.9%
040136136011	No	100.0%	72.3%	26.3%	0.0%	0.0%	13.8%	0.0%	12.2%	1.6%
040136136012	No	100.0%	80.7%	11.1%	5.5%	0.0%	1.3%	0.0%	1.8%	10.7%
040136136013	No	100.0%	82.5%	4.2%	3.6%	0.4%	6.3%	0.0%	1.0%	6.3%
040136136021	No	100.0%	60.1%	14.4%	0.0%	0.0%	26.8%	0.0%	1.3%	11.8%
040136136022	No	100.0%	74.2%	9.1%	0.0%	0.0%	14.3%	0.0%	0.0%	11.5%
040136137001	No	100.0%	92.6%	9.4%	1.4%	0.0%	2.8%	0.0%	0.0%	3.2%
040136137002	No	100.0%	85.6%	19.8%	0.4%	0.0%	1.3%	0.0%	5.5%	7.1%
040136137003	No	100.0%	74.5%	16.5%	0.0%	0.0%	12.4%	0.5%	0.7%	12.0%
040136138001	No	100.0%	83.5%	6.5%	0.0%	0.0%	5.7%	0.0%	4.1%	6.7%
040136138002	No	100.0%	87.5%	10.1%	1.7%	0.5%	1.8%	0.0%	0.4%	8.2%
040136139001	No	100.0%	74.0%	15.7%	1.8%	0.0%	7.2%	0.0%	5.1%	12.0%
040136139002	No	100.0%	74.2%	1.7%	8.7%	0.0%	7.0%	0.0%	0.0%	10.1%
040136139003	No	100.0%	56.6%	19.9%	0.4%	0.0%	16.8%	0.0%	2.2%	24.0%
040136140001	No	100.0%	89.8%	12.6%	2.5%	0.0%	0.0%	0.0%	0.6%	7.1%
040136140002	No	100.0%	85.8%	8.9%	3.1%	1.5%	4.3%	0.0%	1.1%	4.2%
040136140003	No	100.0%	84.4%	12.5%	1.9%	0.0%	3.9%	0.0%	0.9%	9.0%
040136141001	No	100.0%	53.1%	17.8%	3.0%	0.0%	20.9%	0.0%	1.1%	21.8%
040136141002	No	100.0%	76.1%	7.4%	2.2%	0.1%	16.0%	0.0%	2.1%	3.5%
040136141003	No	100.0%	76.6%	13.0%	3.4%	2.6%	0.0%	0.0%	10.8%	6.7%
040136141004	No	100.0%	68.1%	16.8%	0.0%	0.0%	9.8%	0.0%	1.0%	21.1%
040136142001	No	100.0%	74.2%	7.0%	17.2%	0.0%	2.8%	0.0%	0.0%	5.7%
040136142002	No	100.0%	87.6%	6.2%	0.0%	2.2%	6.4%	0.0%	0.6%	3.3%
040136142003	No	100.0%	89.6%	14.7%	1.8%	2.8%	0.2%	0.0%	0.0%	5.6%
040136143001	No	100.0%	81.4%	1.0%	1.0%	0.0%	6.2%	0.0%	0.0%	11.4%
040136143002	No	100.0%	90.2%	4.2%	0.0%	0.9%	7.4%	0.0%	0.8%	0.7%
040136143003	No	100.0%	94.0%	0.0%	0.0%	6.0%	0.0%	0.0%	0.0%	0.0%
040136144001	No	100.0%	87.5%	21.7%	1.3%	0.0%	2.1%	0.0%	0.0%	9.1%
040136144002	No	100.0%	64.9%	20.0%	6.8%	0.0%	0.0%	0.0%	4.0%	24.3%
040136144003	No	100.0%	70.0%	26.1%	3.8%	0.0%	0.0%	0.0%	1.9%	24.3%
040136145001	No	100.0%	81.0%	37.4%	3.2%	1.5%	1.4%	0.0%	5.5%	7.4%
040136145002	No	100.0%	81.6%	5.7%	3.6%	0.0%	0.7%	0.0%	2.7%	11.4%
040136145003	Yes	100.0%	95.6%	91.4%	0.0%	0.0%	0.0%	0.0%	0.0%	4.4%
040136145004	Yes	100.0%	66.6%	40.6%	0.0%	3.4%	2.0%	0.0%	2.2%	25.8%
040136146011	No	100.0%	82.5%	28.0%	12.9%	0.0%	0.0%	0.0%	0.0%	4.6%
040136146012	No	100.0%	88.4%	10.4%	0.0%	0.0%	3.2%	0.0%	5.1%	3.3%
040136146013	No	100.0%	66.0%	19.5%	3.2%	2.9%	2.6%	0.0%	14.5%	10.9%
040136146021	No	100.0%	60.4%	20.4%	0.0%	14.8%	4.6%	0.0%	3.0%	17.2%

**TABLE 15: MINORITY PERCENTAGE BY CENSUS BLOCK GROUPS
(2022 ACS)**

GEO ID	Minority Above Average %?	Total Population	White	Hispanic or Latino	Black	American Indian	Asian	Native Hawaiian	Other	TwoRaces
040136146022	No	100.0%	88.0%	24.0%	0.0%	1.9%	0.7%	0.0%	0.0%	9.3%
040136146023	No	100.0%	67.7%	9.0%	12.3%	0.0%	5.0%	0.0%	1.9%	13.0%
040136147001	No	100.0%	79.2%	17.5%	2.3%	0.0%	0.0%	0.0%	1.5%	17.0%
040136147002	Yes	100.0%	58.5%	35.2%	10.2%	0.5%	0.3%	0.0%	13.3%	17.1%
040136148001	No	100.0%	75.2%	18.6%	0.0%	5.5%	8.0%	0.0%	3.1%	8.2%
040136148002	No	100.0%	78.2%	21.2%	0.1%	0.0%	0.0%	0.0%	5.0%	16.7%
040136148003	No	100.0%	82.2%	15.4%	0.0%	0.6%	2.6%	0.0%	2.7%	11.9%
040136149001	No	100.0%	81.5%	2.0%	1.2%	1.4%	6.7%	0.0%	1.3%	7.9%
040136149002	No	100.0%	65.6%	15.6%	1.1%	4.2%	10.8%	0.0%	2.2%	16.1%
040136149003	No	100.0%	66.7%	17.6%	14.6%	0.9%	8.5%	0.0%	9.4%	0.0%
040136150011	No	100.0%	77.3%	0.0%	3.9%	0.0%	9.5%	0.0%	0.0%	9.3%
040136150012	No	100.0%	64.8%	0.0%	0.0%	0.0%	27.5%	0.0%	0.0%	7.7%
040136150013	No	100.0%	72.1%	3.8%	0.0%	0.0%	14.6%	0.0%	5.5%	7.8%
040136150021	No	100.0%	100.0%	3.2%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
040136150022	No	100.0%	89.2%	13.4%	0.0%	0.0%	7.8%	0.0%	0.2%	2.7%
040136150023	No	100.0%	75.9%	16.1%	9.9%	0.6%	5.5%	0.0%	0.0%	8.0%
040136151001	No	100.0%	53.9%	7.8%	6.2%	0.0%	12.8%	0.0%	2.9%	24.2%
040136151002	No	100.0%	79.8%	5.6%	0.0%	0.0%	15.1%	0.0%	0.0%	5.1%
040136152011	No	100.0%	83.9%	0.0%	16.1%	0.0%	0.0%	0.0%	0.0%	0.0%
040136152012	No	100.0%	66.4%	7.7%	12.1%	0.0%	12.8%	0.0%	2.4%	6.3%
040136152021	No	100.0%	75.7%	9.9%	0.0%	0.0%	12.2%	0.0%	0.0%	12.2%
040136152022	No	100.0%	100.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
040136152023	No	100.0%	86.5%	6.0%	0.0%	0.0%	6.2%	0.0%	1.8%	5.6%
040136153001	No	100.0%	90.4%	18.9%	0.0%	1.0%	0.0%	0.8%	6.3%	1.6%
040136154001	No	100.0%	95.1%	1.0%	0.0%	0.0%	0.0%	0.0%	0.0%	4.9%
040136154002	No	100.0%	97.9%	2.4%	0.0%	0.0%	0.0%	0.0%	0.0%	2.1%
040136155001	No	100.0%	96.4%	2.4%	0.0%	0.0%	2.3%	0.0%	0.0%	1.3%
040136155002	No	100.0%	95.2%	1.1%	2.3%	0.0%	1.3%	0.0%	0.0%	1.1%
040136156001	No	100.0%	92.0%	5.3%	5.4%	0.0%	0.0%	0.0%	0.0%	2.6%
040136156002	No	100.0%	88.0%	10.6%	0.0%	0.1%	5.4%	0.0%	4.7%	1.7%
040136156003	No	100.0%	97.6%	0.0%	0.0%	0.0%	0.0%	2.4%	0.0%	0.0%
040136157001	No	100.0%	89.4%	5.2%	2.0%	1.0%	2.8%	0.0%	1.1%	3.7%
040136157002	No	100.0%	83.3%	3.0%	2.5%	0.0%	1.1%	0.0%	0.0%	13.1%
040136158001	No	100.0%	74.8%	28.3%	4.2%	0.0%	1.8%	0.0%	7.5%	11.6%
040136158002	No	100.0%	87.4%	9.9%	5.4%	0.3%	5.0%	0.0%	0.2%	1.7%
040136158003	No	100.0%	71.8%	7.4%	0.8%	1.3%	11.4%	0.0%	6.0%	8.7%
040136159001	No	100.0%	81.5%	10.9%	13.3%	0.3%	0.5%	0.0%	2.3%	2.1%
040136159002	No	100.0%	63.3%	13.2%	1.3%	0.0%	11.6%	0.0%	4.2%	19.6%
040136159003	No	100.0%	78.5%	10.9%	6.3%	0.0%	7.4%	0.0%	0.5%	7.2%
040136160001	No	100.0%	76.4%	15.0%	0.0%	0.0%	8.0%	0.0%	3.1%	12.5%
040136160002	No	100.0%	78.5%	17.8%	1.1%	1.5%	5.4%	3.6%	6.1%	3.8%
040136161001	Yes	100.0%	63.0%	29.1%	2.3%	0.7%	3.3%	0.0%	6.1%	24.5%
040136161002	No	100.0%	84.9%	10.7%	1.2%	0.0%	3.5%	0.0%	0.0%	10.4%
040136161003	No	100.0%	82.1%	11.1%	1.0%	0.0%	9.7%	0.0%	1.0%	6.3%
040136162001	No	100.0%	82.6%	19.2%	0.3%	4.7%	3.3%	0.0%	1.7%	7.5%
040136162002	No	100.0%	87.7%	10.0%	2.0%	1.0%	0.0%	0.0%	2.3%	7.0%
040136163001	No	100.0%	86.4%	12.7%	2.8%	0.3%	1.4%	0.0%	5.0%	4.1%
040136164001	No	100.0%	81.8%	10.8%	1.4%	0.9%	5.2%	0.0%	1.4%	9.4%
040136164002	No	100.0%	74.2%	27.8%	0.0%	1.5%	0.0%	0.0%	2.0%	22.3%
040136164003	Yes	100.0%	8.7%	1.8%	0.0%	4.5%	79.1%	0.0%	0.0%	7.7%
040136164004	No	100.0%	89.9%	16.1%	3.1%	0.0%	0.0%	0.0%	0.5%	6.5%
040136164005	No	100.0%	56.5%	0.0%	0.0%	0.0%	43.5%	0.0%	0.0%	0.0%
040136165001	No	100.0%	87.1%	13.8%	1.2%	0.1%	0.0%	0.0%	1.3%	10.2%
040136165002	No	100.0%	76.6%	30.2%	4.9%	2.9%	5.6%	0.0%	8.0%	1.9%
040136165003	No	100.0%	85.9%	31.0%	2.1%	0.0%	0.1%	0.0%	4.9%	7.1%
040136166001	No	100.0%	84.8%	42.0%	1.9%	0.0%	0.0%	0.0%	0.8%	12.5%
040136166002	No	100.0%	69.7%	26.9%	0.0%	2.6%	2.7%	0.0%	13.2%	11.8%
040136166003	No	100.0%	92.7%	19.5%	0.0%	0.2%	2.4%	0.0%	0.0%	4.7%
040136166004	No	100.0%	69.0%	27.0%	4.1%	0.2%	0.0%	0.0%	9.4%	17.3%
040136167001	No	100.0%	75.5%	22.0%	2.4%	0.3%	0.8%	0.0%	6.9%	14.1%
040136167002	No	100.0%	83.9%	4.1%	0.0%	4.7%	2.3%	0.0%	0.0%	9.0%
040136167003	No	100.0%	75.7%	21.2%	6.5%	0.0%	0.0%	0.0%	0.0%	17.7%

**TABLE 15: MINORITY PERCENTAGE BY CENSUS BLOCK GROUPS
(2022 ACS)**

GEO ID	Minority Above Average %?	Total Population	White	Hispanic or Latino	Black	American Indian	Asian	Native Hawaiian	Other	TwoRaces
040136168001	No	100.0%	78.6%	33.9%	0.0%	0.0%	2.9%	0.0%	0.0%	18.5%
040136168002	No	100.0%	88.4%	2.0%	0.0%	0.0%	3.2%	0.0%	2.0%	6.4%
040136168003	Yes	100.0%	48.2%	48.8%	5.4%	0.0%	0.0%	0.0%	3.2%	43.3%
040136168004	No	100.0%	69.7%	15.8%	0.7%	1.0%	17.8%	0.0%	0.0%	10.8%
040136169001	No	100.0%	94.3%	2.2%	0.0%	0.0%	3.5%	0.0%	1.7%	0.5%
040136169002	No	100.0%	85.3%	10.7%	1.1%	0.0%	5.1%	0.0%	1.9%	6.6%
040136169003	No	100.0%	71.8%	15.1%	3.6%	0.0%	7.4%	0.0%	14.4%	2.8%
040136170011	No	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
040136170021	Yes	100.0%	50.8%	44.4%	0.0%	0.0%	2.5%	0.0%	0.5%	46.1%
040136170022	No	100.0%	78.8%	38.0%	0.0%	0.0%	0.0%	0.0%	18.3%	2.9%
040136170023	No	100.0%	68.4%	22.3%	0.0%	5.8%	17.1%	0.0%	7.4%	1.3%
040136170024	No	100.0%	81.9%	25.4%	0.0%	3.5%	0.0%	0.0%	8.8%	5.8%
040136170025	No	100.0%	92.1%	0.0%	0.0%	0.0%	2.1%	0.0%	0.0%	5.8%
040136171001	No	100.0%	87.0%	14.1%	2.5%	0.0%	3.0%	0.0%	2.4%	5.1%
040136171002	No	100.0%	82.3%	4.9%	1.8%	0.6%	5.4%	0.0%	1.3%	8.6%
040136172001	No	100.0%	77.9%	7.3%	2.6%	0.0%	4.1%	0.0%	0.0%	15.4%
040136172002	No	100.0%	66.7%	6.4%	0.9%	0.0%	18.7%	7.4%	3.5%	2.8%
040136173001	No	100.0%	72.4%	6.4%	0.0%	0.0%	18.5%	0.0%	3.6%	5.5%
040136173002	No	100.0%	84.9%	11.1%	0.0%	0.0%	7.1%	0.0%	0.1%	7.8%
040136173003	No	100.0%	87.9%	7.4%	1.3%	0.0%	0.0%	0.0%	0.0%	10.8%
040136174001	No	100.0%	97.6%	1.4%	0.0%	0.0%	0.0%	0.0%	0.0%	2.4%
040136174002	No	100.0%	93.8%	10.8%	1.1%	0.0%	0.0%	0.0%	2.8%	2.4%
040136174003	No	100.0%	76.1%	22.5%	12.3%	2.4%	0.0%	0.0%	4.0%	5.1%
040136174004	No	100.0%	95.3%	4.0%	0.0%	0.0%	3.4%	0.0%	0.0%	1.3%
040136174005	No	100.0%	91.9%	4.8%	1.3%	0.4%	1.3%	0.0%	0.0%	5.1%
040136175001	No	100.0%	90.9%	0.0%	0.0%	2.5%	0.0%	0.0%	0.0%	6.6%
040136175002	No	100.0%	91.0%	4.0%	0.0%	0.0%	1.0%	3.5%	3.1%	1.4%
040136175003	No	100.0%	97.2%	0.0%	2.8%	0.0%	0.0%	0.0%	0.0%	0.0%
040136175004	No	100.0%	66.3%	23.6%	9.7%	0.0%	4.5%	0.0%	0.7%	18.9%
040136176001	No	100.0%	61.0%	10.6%	8.9%	0.0%	5.1%	0.0%	7.6%	17.4%
040136176002	No	100.0%	83.8%	9.4%	2.9%	0.1%	0.0%	0.0%	0.0%	13.3%
040136176003	No	100.0%	84.0%	39.9%	0.0%	0.0%	4.5%	0.0%	0.0%	11.5%
040136176004	No	100.0%	78.1%	16.3%	1.9%	0.0%	3.7%	0.0%	0.0%	16.3%
040136177001	No	100.0%	89.5%	36.3%	1.1%	0.0%	0.0%	0.0%	5.7%	3.6%
040136177002	No	100.0%	74.4%	36.8%	0.0%	0.0%	15.4%	0.0%	0.0%	10.2%
040136177003	Yes	100.0%	61.5%	32.0%	6.0%	3.1%	10.6%	0.0%	2.2%	16.7%
040136178001	No	100.0%	72.9%	10.3%	4.5%	1.0%	14.8%	0.0%	0.0%	6.7%
040136178002	No	100.0%	81.7%	10.8%	0.7%	0.7%	6.0%	0.0%	4.9%	6.0%
040136179001	No	100.0%	84.5%	14.4%	0.0%	0.0%	6.6%	0.0%	1.8%	7.0%
040136179002	No	100.0%	85.8%	3.2%	0.0%	0.0%	6.3%	0.0%	0.0%	7.9%
040136179003	No	100.0%	76.6%	21.0%	1.8%	15.8%	1.1%	0.0%	4.1%	0.6%
040136180001	No	100.0%	70.6%	6.7%	1.7%	0.0%	11.1%	0.0%	3.5%	13.1%
040136180002	No	100.0%	83.1%	15.4%	3.0%	0.0%	0.0%	0.0%	1.5%	12.4%
040136180003	No	100.0%	89.1%	14.0%	0.0%	0.0%	6.4%	0.0%	0.0%	4.6%
040136181001	No	100.0%	88.5%	18.4%	0.6%	0.0%	0.0%	0.0%	5.5%	5.4%
040136181002	No	100.0%	60.8%	16.2%	1.3%	0.0%	4.4%	0.0%	9.8%	23.7%
040136181003	No	100.0%	85.2%	8.8%	7.5%	0.0%	0.0%	0.0%	0.0%	7.3%
040136182001	No	100.0%	82.1%	16.0%	0.7%	2.1%	0.4%	0.0%	5.8%	8.9%
040136182002	No	100.0%	77.6%	21.8%	0.9%	6.5%	0.0%	0.0%	1.7%	13.4%
040136183001	No	100.0%	90.6%	12.3%	0.2%	0.8%	0.0%	0.0%	0.0%	8.4%
040136183002	No	100.0%	68.2%	16.9%	0.9%	1.1%	4.0%	1.0%	6.2%	18.6%
040136184001	Yes	100.0%	58.7%	38.1%	8.8%	0.0%	1.7%	0.0%	1.6%	29.3%
040136184002	Yes	100.0%	66.8%	36.8%	1.5%	3.5%	5.1%	0.0%	6.4%	16.7%
040136185001	No	100.0%	80.0%	14.2%	4.1%	0.1%	0.8%	0.0%	1.3%	13.8%
040136185002	Yes	100.0%	49.8%	29.4%	20.2%	14.8%	1.1%	0.0%	8.8%	5.4%
040136185003	No	100.0%	83.0%	28.3%	10.4%	0.0%	0.0%	0.0%	2.8%	3.8%
040136186001	Yes	100.0%	53.1%	33.9%	6.1%	0.0%	5.9%	0.0%	14.2%	20.7%
040136186002	Yes	100.0%	72.2%	42.4%	1.6%	3.5%	1.0%	0.0%	7.5%	14.2%
040136186003	No	100.0%	78.5%	25.3%	0.2%	0.3%	0.6%	0.0%	11.8%	8.6%
040136187001	Yes	100.0%	80.8%	47.2%	1.7%	1.0%	3.5%	0.0%	12.1%	0.8%
040136187002	Yes	100.0%	66.0%	43.9%	1.8%	0.7%	1.9%	0.0%	5.0%	24.8%
040136188001	Yes	100.0%	71.2%	46.8%	9.8%	0.0%	0.0%	0.0%	15.0%	4.0%

**TABLE 15: MINORITY PERCENTAGE BY CENSUS BLOCK GROUPS
(2022 ACS)**

GEO ID	Minority Above Average %?	Total Population	White	Hispanic or Latino	Black	American Indian	Asian	Native Hawaiian	Other	TwoRaces
040136188002	Yes	100.0%	57.7%	46.3%	12.4%	0.0%	0.0%	1.1%	12.8%	16.0%
040136188003	Yes	100.0%	66.4%	41.1%	11.1%	0.0%	0.0%	0.0%	3.1%	19.5%
040136188004	Yes	100.0%	57.0%	38.0%	17.5%	0.0%	0.0%	0.0%	23.3%	2.2%
040136189001	No	100.0%	80.2%	14.3%	1.7%	0.0%	0.0%	0.0%	10.4%	7.7%
040136189002	Yes	100.0%	56.0%	50.5%	0.0%	0.0%	0.3%	0.0%	5.0%	38.6%
040136189003	No	100.0%	83.4%	36.7%	0.0%	0.0%	0.0%	0.0%	0.0%	16.6%
040136189004	No	100.0%	88.7%	2.5%	8.8%	0.0%	0.0%	0.0%	2.5%	0.0%
040136189005	No	100.0%	66.0%	5.7%	19.3%	0.0%	8.4%	0.0%	0.0%	6.2%
040136190001	No	100.0%	70.4%	15.6%	2.3%	0.0%	0.0%	0.0%	13.6%	13.7%
040136190002	No	100.0%	88.0%	9.2%	6.2%	0.0%	3.4%	0.0%	0.0%	2.5%
040136190003	Yes	100.0%	57.4%	39.0%	11.3%	25.0%	2.4%	0.0%	2.5%	1.4%
040136191001	Yes	100.0%	43.8%	25.4%	38.0%	0.5%	0.0%	0.0%	12.3%	5.4%
040136191002	No	100.0%	72.0%	9.5%	13.2%	8.1%	1.5%	0.0%	2.5%	2.7%
040136192001	No	100.0%	71.8%	31.9%	8.5%	8.3%	0.0%	0.0%	3.1%	8.3%
040136192002	No	100.0%	60.0%	17.1%	10.6%	3.7%	10.9%	0.0%	5.7%	9.1%
040136192003	No	100.0%	84.5%	16.8%	1.7%	0.0%	0.0%	0.0%	8.0%	5.8%
040136193001	No	100.0%	77.0%	12.4%	8.2%	0.2%	0.8%	0.0%	0.8%	13.1%
040136193002	Yes	100.0%	79.2%	65.6%	0.0%	0.0%	0.4%	0.0%	14.3%	6.1%
040136193003	Yes	100.0%	61.8%	38.4%	6.6%	3.4%	7.2%	0.0%	12.5%	8.6%
040136194001	No	100.0%	66.4%	30.9%	6.0%	3.4%	4.4%	0.0%	7.7%	12.0%
040136194002	Yes	100.0%	68.8%	36.0%	5.1%	0.0%	2.3%	0.0%	14.2%	9.5%
040136194003	No	100.0%	58.6%	21.5%	12.2%	5.6%	1.7%	0.0%	7.6%	14.4%
040136195001	No	100.0%	85.4%	13.7%	0.0%	0.0%	0.0%	0.0%	0.0%	14.6%
040136195002	No	100.0%	70.4%	27.7%	2.9%	0.0%	0.9%	0.0%	0.0%	25.9%
040136195003	Yes	100.0%	48.5%	45.3%	1.3%	0.0%	2.6%	0.0%	12.2%	35.5%
040136196011	No	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
040136196021	No	100.0%	74.2%	22.1%	0.9%	0.1%	2.4%	0.0%	6.6%	15.7%
040136197001	No	100.0%	85.5%	4.0%	0.0%	0.0%	4.5%	0.0%	0.1%	9.9%
040136197002	No	100.0%	65.5%	21.4%	6.3%	0.0%	8.9%	2.8%	0.0%	16.5%
040136197003	No	100.0%	88.6%	42.9%	7.4%	0.0%	0.0%	1.2%	0.8%	2.0%
040136198001	No	100.0%	69.6%	8.5%	7.1%	0.0%	14.1%	0.0%	0.8%	8.4%
040136198002	No	100.0%	54.4%	4.3%	4.7%	3.9%	24.2%	0.0%	0.0%	12.7%
040136198003	No	100.0%	77.7%	29.1%	4.1%	0.0%	5.4%	0.0%	1.7%	11.2%
040136199001	No	100.0%	67.5%	19.8%	0.0%	0.0%	10.2%	0.0%	0.0%	22.2%
040136199002	Yes	100.0%	25.7%	0.8%	0.0%	0.0%	73.5%	0.0%	0.8%	0.0%
040136199003	No	100.0%	87.2%	6.0%	0.0%	0.0%	9.5%	0.0%	1.9%	1.3%
040136199004	Yes	100.0%	49.3%	14.6%	0.0%	0.0%	36.1%	0.0%	3.8%	10.7%
040137233041	Yes	100.0%	49.9%	51.1%	3.0%	0.0%	0.0%	0.0%	43.2%	3.9%
040137233042	No	100.0%	70.7%	30.0%	0.0%	0.9%	0.0%	0.0%	15.5%	12.9%
040137233043	No	100.0%	89.0%	1.3%	1.6%	1.3%	0.6%	0.0%	0.0%	7.5%
040137233044	Yes	100.0%	64.8%	69.5%	0.0%	0.6%	0.0%	0.0%	28.3%	6.3%
040137233051	Yes	100.0%	54.2%	63.3%	1.2%	4.4%	0.0%	0.0%	23.8%	16.4%
040137233052	Yes	100.0%	30.7%	57.1%	6.0%	15.7%	0.0%	0.0%	22.9%	24.8%
040137233061	Yes	100.0%	57.4%	38.4%	14.0%	6.6%	1.5%	0.4%	13.2%	6.9%
040137233071	No	100.0%	72.4%	22.8%	3.5%	0.9%	5.1%	0.0%	10.7%	7.3%
040137233091	No	100.0%	93.4%	19.1%	0.0%	0.0%	0.0%	0.0%	0.7%	5.9%
040137233092	No	100.0%	93.5%	13.5%	2.7%	0.0%	0.0%	0.0%	2.1%	1.7%
040137233093	No	100.0%	100.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
040137233101	No	100.0%	79.4%	19.3%	1.3%	0.8%	2.7%	0.0%	5.1%	10.8%
040137233111	No	100.0%	88.7%	25.1%	4.3%	0.0%	2.4%	0.0%	0.8%	3.8%
040137233112	No	100.0%	73.4%	18.3%	3.5%	5.8%	0.0%	0.0%	6.3%	11.0%
040138100001	No	100.0%	69.6%	15.7%	6.7%	2.5%	7.4%	0.0%	5.8%	8.1%
040138101001	No	100.0%	92.7%	2.1%	0.0%	0.3%	3.9%	0.0%	0.0%	3.1%
040138101002	No	100.0%	86.1%	6.1%	0.7%	0.0%	6.5%	0.0%	0.0%	6.8%
040138101003	No	100.0%	82.9%	13.2%	3.7%	0.0%	5.2%	0.0%	4.6%	3.6%
040138101004	No	100.0%	82.4%	6.8%	0.5%	0.7%	11.1%	0.0%	2.9%	2.4%
040138102001	No	100.0%	60.8%	17.7%	9.4%	2.0%	11.8%	0.0%	4.6%	11.4%
040138102002	No	100.0%	74.9%	13.6%	4.2%	0.7%	10.7%	0.0%	3.9%	5.7%
040138103001	No	100.0%	51.9%	16.2%	6.7%	0.5%	20.8%	0.0%	2.4%	17.8%
040138103002	Yes	100.0%	55.4%	22.9%	4.9%	1.4%	23.7%	0.0%	1.1%	13.5%
040138103003	No	100.0%	72.2%	14.2%	0.0%	3.1%	8.8%	0.0%	4.1%	11.7%
040138103004	Yes	100.0%	41.2%	13.1%	13.6%	5.0%	17.5%	6.3%	2.4%	14.0%

**TABLE 15: MINORITY PERCENTAGE BY CENSUS BLOCK GROUPS
(2022 ACS)**

GEO ID	Minority Above Average %?	Total Population	White	Hispanic or Latino	Black	American Indian	Asian	Native Hawaiian	Other	TwoRaces
040138104001	No	100.0%	54.2%	8.2%	0.0%	0.0%	39.3%	0.0%	0.0%	6.5%
040138104002	No	100.0%	46.0%	0.0%	18.4%	0.0%	11.8%	0.0%	6.7%	17.2%
040138104003	No	100.0%	72.6%	33.7%	2.2%	0.0%	8.7%	0.0%	0.9%	15.7%
040138104004	No	100.0%	69.5%	11.3%	3.4%	0.0%	14.5%	0.0%	0.6%	12.0%
040138105001	No	100.0%	51.1%	12.0%	2.5%	0.0%	26.1%	0.0%	2.6%	17.8%
040138105002	No	100.0%	80.3%	23.7%	4.2%	0.0%	11.4%	0.0%	0.8%	3.3%
040138105003	No	100.0%	82.3%	11.7%	0.5%	0.9%	10.7%	0.0%	1.0%	4.6%
040138106001	No	100.0%	77.5%	13.4%	0.0%	0.0%	5.1%	0.0%	6.3%	11.1%
040138106002	No	100.0%	89.9%	25.9%	0.6%	0.1%	3.2%	0.0%	6.1%	0.1%
040138106003	No	100.0%	52.2%	16.7%	3.8%	0.0%	16.2%	2.1%	1.9%	23.8%
040138106004	No	100.0%	56.7%	12.0%	12.9%	5.9%	23.6%	0.0%	1.0%	0.0%
040138107001	No	100.0%	72.9%	7.8%	16.7%	0.0%	6.2%	0.0%	1.0%	3.2%
040138107002	Yes	100.0%	50.8%	15.8%	1.9%	13.7%	12.0%	0.0%	0.0%	21.5%
040138107003	Yes	100.0%	57.0%	25.2%	0.0%	0.0%	13.1%	0.0%	3.7%	26.1%
040138107004	Yes	100.0%	32.1%	13.1%	10.2%	41.7%	0.0%	0.0%	5.6%	10.5%
040138107005	No	100.0%	89.2%	28.2%	0.4%	0.0%	0.1%	0.0%	4.2%	6.1%
040138108001	Yes	100.0%	46.5%	25.0%	6.6%	0.2%	26.0%	0.0%	1.5%	19.2%
040138108002	No	100.0%	61.4%	10.6%	0.0%	9.1%	16.3%	0.0%	0.7%	12.5%
040138109001	No	100.0%	89.0%	17.9%	0.0%	2.5%	0.0%	0.0%	0.6%	8.0%
040138109002	No	100.0%	64.0%	20.6%	0.6%	2.9%	11.3%	0.0%	5.4%	15.9%
040138109003	Yes	100.0%	54.7%	26.0%	14.1%	0.0%	8.0%	0.0%	21.1%	2.0%
040138109004	No	100.0%	91.2%	14.7%	0.9%	0.0%	0.7%	0.0%	0.0%	7.1%
040138110001	No	100.0%	88.1%	9.5%	0.0%	0.0%	8.4%	0.0%	3.5%	0.0%
040138110002	No	100.0%	68.6%	26.8%	2.5%	1.8%	3.4%	0.0%	7.7%	16.1%
040138111001	No	100.0%	67.7%	10.6%	10.1%	0.0%	9.2%	0.0%	0.8%	12.2%
040138111002	No	100.0%	54.2%	10.4%	1.3%	0.0%	21.2%	0.0%	4.3%	19.1%
040138112001	Yes	100.0%	44.5%	28.9%	17.3%	4.2%	13.9%	0.0%	15.0%	5.1%
040138112002	Yes	100.0%	50.3%	20.3%	8.1%	0.3%	17.0%	0.0%	3.1%	21.2%
040138113001	No	100.0%	78.5%	24.1%	2.3%	4.7%	3.6%	0.0%	3.8%	7.1%
040138113002	No	100.0%	87.1%	11.3%	1.2%	0.9%	6.0%	0.0%	2.2%	2.6%
040138114001	No	100.0%	94.9%	2.9%	0.0%	0.0%	2.2%	0.0%	0.0%	2.9%
040138114002	No	100.0%	63.1%	14.2%	0.8%	3.5%	11.3%	0.0%	6.3%	15.0%
040138114003	No	100.0%	73.5%	32.7%	16.3%	1.8%	2.9%	0.0%	0.7%	4.7%
040138114004	No	100.0%	73.0%	10.9%	1.5%	0.0%	17.0%	0.0%	0.0%	8.4%
040138115001	No	100.0%	67.0%	15.4%	2.5%	0.0%	21.5%	0.0%	3.8%	5.2%
040138116001	No	100.0%	68.7%	12.9%	8.6%	0.0%	10.4%	0.0%	0.7%	11.6%
040138116002	No	100.0%	83.7%	14.6%	3.7%	1.3%	4.8%	0.0%	1.6%	5.0%
040138116003	No	100.0%	84.7%	25.9%	2.7%	0.0%	1.9%	0.0%	10.7%	0.0%
040138117001	No	100.0%	73.0%	14.4%	2.9%	0.0%	8.4%	0.0%	10.0%	5.6%
040138117002	Yes	100.0%	51.8%	25.7%	14.5%	9.8%	0.8%	0.0%	16.5%	6.6%
040138117003	No	100.0%	76.4%	25.2%	0.1%	1.3%	0.7%	0.0%	9.1%	12.5%
040138118001	No	100.0%	64.2%	5.7%	1.8%	0.0%	29.0%	0.0%	0.4%	4.6%
040138119001	Yes	100.0%	66.0%	35.0%	4.0%	1.4%	7.5%	2.1%	0.0%	18.9%
040138119002	No	100.0%	61.0%	11.1%	0.0%	0.0%	14.9%	0.0%	1.0%	23.1%
040138119003	No	100.0%	84.6%	11.6%	0.0%	0.0%	1.9%	0.0%	0.0%	13.5%
040138119004	No	100.0%	46.3%	6.5%	34.8%	0.0%	6.6%	0.0%	0.0%	12.3%
040138120001	No	100.0%	68.8%	19.6%	0.6%	2.2%	5.9%	0.0%	14.8%	7.7%
040138120002	No	100.0%	54.6%	18.2%	12.7%	13.1%	4.9%	0.0%	4.5%	10.2%
040138120003	Yes	100.0%	59.9%	58.5%	0.0%	1.2%	7.1%	1.2%	19.8%	10.8%
040138121001	Yes	100.0%	52.9%	30.7%	6.5%	2.3%	12.5%	0.0%	12.6%	13.2%
040138121002	No	100.0%	60.7%	12.6%	5.5%	0.0%	18.2%	0.0%	0.9%	14.6%
040138121003	No	100.0%	62.1%	11.3%	5.9%	6.8%	10.0%	0.0%	2.6%	12.6%
040138122001	Yes	100.0%	44.2%	33.2%	3.3%	0.0%	31.0%	0.0%	5.1%	16.4%
040138122002	No	100.0%	67.1%	10.3%	13.5%	0.0%	12.3%	0.2%	0.0%	6.8%
040138122003	No	100.0%	66.6%	14.4%	0.0%	0.1%	16.0%	0.0%	1.7%	15.7%
040138122004	No	100.0%	77.2%	22.3%	0.0%	0.0%	15.0%	0.0%	0.0%	7.9%
040138122005	No	100.0%	73.6%	3.6%	4.9%	0.0%	12.0%	0.0%	3.6%	5.9%
040138123001	No	100.0%	61.5%	16.9%	1.3%	0.6%	31.0%	0.0%	2.2%	3.4%
040138123002	No	100.0%	60.5%	5.6%	10.3%	0.0%	16.0%	0.0%	2.1%	11.1%
040138123003	No	100.0%	67.6%	27.6%	0.0%	0.0%	27.2%	0.0%	0.0%	5.2%
040138124001	No	100.0%	75.7%	7.0%	21.7%	0.0%	2.6%	0.0%	0.0%	0.0%
040138124002	No	100.0%	69.8%	20.6%	1.4%	1.0%	15.7%	0.0%	0.1%	12.0%

**TABLE 15: MINORITY PERCENTAGE BY CENSUS BLOCK GROUPS
(2022 ACS)**

GEO ID	Minority Above Average %?	Total Population	White	Hispanic or Latino	Black	American Indian	Asian	Native Hawaiian	Other	TwoRaces
040138124003	Yes	100.0%	46.2%	11.3%	3.5%	0.0%	35.6%	0.0%	0.0%	14.7%
040138124004	No	100.0%	78.8%	20.6%	3.7%	0.0%	6.4%	0.0%	0.4%	10.6%
040138124005	No	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
040138124006	No	100.0%	62.9%	25.7%	15.8%	2.4%	0.0%	0.0%	10.6%	8.3%
040138125001	Yes	100.0%	52.9%	23.6%	6.0%	0.5%	11.9%	0.0%	5.3%	23.3%
040138126001	No	100.0%	82.5%	19.4%	1.3%	0.0%	4.4%	0.0%	3.3%	8.5%
040138126002	No	100.0%	61.2%	17.0%	0.0%	0.0%	17.5%	0.0%	1.1%	20.3%
040138126003	No	100.0%	68.9%	5.4%	13.6%	0.2%	5.6%	0.0%	1.6%	10.1%
040138127001	No	100.0%	73.7%	1.6%	2.5%	0.0%	22.5%	0.0%	1.1%	0.3%
040138127002	No	100.0%	52.7%	13.7%	5.2%	0.9%	24.4%	0.0%	5.5%	11.3%
040138127003	No	100.0%	54.8%	15.7%	0.0%	0.0%	32.7%	0.0%	0.0%	12.5%
040138127004	No	100.0%	67.6%	17.3%	9.9%	0.0%	12.2%	0.0%	7.5%	2.8%
040138128011	Yes	100.0%	49.6%	20.3%	0.9%	0.0%	42.9%	0.0%	4.0%	2.5%
040138128012	No	100.0%	58.5%	12.3%	11.5%	0.0%	24.3%	0.0%	1.1%	4.5%
040138128021	No	100.0%	52.8%	7.3%	3.4%	0.0%	26.9%	0.0%	0.0%	16.9%
040138128022	No	100.0%	53.8%	14.0%	10.3%	0.6%	18.9%	0.0%	2.7%	13.7%
040138128023	No	100.0%	63.0%	20.5%	6.7%	1.3%	16.8%	1.6%	6.0%	4.7%
040138129001	No	100.0%	53.0%	9.7%	0.0%	0.0%	38.3%	0.0%	3.8%	5.0%
040138129002	No	100.0%	71.4%	10.7%	6.2%	0.0%	12.8%	0.0%	4.3%	5.3%
040138130001	No	100.0%	89.1%	3.4%	0.4%	0.2%	3.3%	0.0%	1.2%	5.7%
040138130002	Yes	100.0%	41.2%	12.2%	22.6%	1.0%	20.7%	0.0%	0.0%	14.5%
040138130003	Yes	100.0%	31.2%	3.2%	0.8%	1.8%	65.0%	0.0%	0.0%	1.2%
040138130004	No	100.0%	44.6%	4.1%	10.1%	0.0%	32.0%	0.0%	1.3%	12.0%
040138131001	No	100.0%	63.7%	6.6%	0.8%	0.0%	28.4%	0.0%	0.0%	7.2%
040138131002	No	100.0%	62.6%	9.7%	3.0%	4.6%	16.1%	0.3%	0.6%	12.8%
040138132001	No	100.0%	59.1%	12.6%	1.7%	2.5%	28.9%	0.0%	5.3%	2.6%
040138132002	No	100.0%	68.9%	8.7%	2.8%	0.0%	20.7%	0.0%	3.2%	4.4%
040138133001	No	100.0%	71.0%	12.9%	1.9%	0.0%	9.4%	0.0%	6.2%	11.4%
040138133002	No	100.0%	70.7%	13.4%	1.2%	0.5%	8.7%	2.6%	0.9%	15.4%
040138133003	No	100.0%	69.5%	6.8%	0.0%	0.1%	22.7%	0.0%	0.0%	7.8%
040138134001	No	100.0%	77.3%	13.8%	0.0%	3.7%	7.8%	0.0%	0.0%	11.2%
040138134002	Yes	100.0%	81.0%	55.5%	0.0%	0.0%	0.0%	0.0%	11.7%	7.3%
040138134003	No	100.0%	75.1%	15.5%	2.6%	0.0%	7.5%	0.0%	0.0%	14.9%
040138134004	No	100.0%	63.8%	13.2%	5.1%	0.0%	17.5%	0.0%	0.0%	13.7%
040138135001	No	100.0%	80.7%	13.3%	0.0%	0.0%	16.0%	0.0%	0.0%	3.4%
040138135002	No	100.0%	78.6%	13.1%	0.0%	0.0%	10.8%	0.0%	3.1%	7.6%
040138135003	No	100.0%	68.4%	6.0%	0.0%	0.0%	21.9%	0.0%	0.2%	9.5%
040138136001	No	100.0%	68.5%	11.2%	1.1%	0.4%	9.6%	0.3%	0.6%	19.4%
040138136002	No	100.0%	82.0%	10.1%	1.5%	0.0%	10.3%	0.0%	0.0%	6.2%
040138136003	No	100.0%	89.2%	6.6%	0.0%	0.0%	5.1%	0.0%	1.8%	4.0%
040138137001	No	100.0%	97.3%	0.9%	0.9%	0.0%	0.8%	0.0%	0.9%	0.0%
040138137002	No	100.0%	93.8%	3.0%	0.6%	0.0%	2.1%	0.0%	0.7%	2.7%
040138138001	No	100.0%	96.1%	1.5%	0.0%	0.0%	0.0%	0.0%	0.0%	3.9%
040138138002	No	100.0%	94.9%	0.0%	1.1%	0.0%	2.3%	0.0%	0.0%	1.7%
040138138003	No	100.0%	97.9%	1.4%	0.0%	0.0%	0.0%	0.0%	1.4%	0.7%
040138139001	No	100.0%	70.7%	22.5%	5.9%	2.4%	8.1%	0.0%	5.7%	7.3%
040138139002	No	100.0%	72.3%	29.4%	2.1%	0.4%	3.0%	0.0%	1.5%	20.8%
040138139003	No	100.0%	78.4%	14.6%	7.4%	0.0%	5.6%	0.0%	0.0%	8.7%
040138140001	No	100.0%	83.6%	5.2%	12.1%	0.0%	0.8%	0.0%	1.4%	2.0%
040138140002	No	100.0%	85.7%	1.9%	0.0%	0.0%	2.1%	0.0%	0.0%	12.2%
040138140003	No	100.0%	88.2%	1.9%	4.4%	0.0%	3.9%	0.0%	0.0%	3.5%
040138141001	No	100.0%	64.2%	22.0%	13.3%	0.0%	2.5%	0.0%	10.5%	9.5%
040138141002	No	100.0%	62.9%	10.2%	14.1%	0.0%	7.8%	0.0%	2.3%	12.9%
040138141003	No	100.0%	75.2%	14.8%	2.8%	0.7%	3.9%	0.9%	9.2%	7.3%
040138142001	No	100.0%	64.0%	11.7%	8.3%	0.0%	15.8%	0.0%	0.0%	11.9%
040138142002	No	100.0%	68.4%	13.7%	1.7%	0.0%	13.6%	0.0%	2.7%	13.5%
040138143001	No	100.0%	90.5%	27.8%	1.2%	0.0%	3.6%	0.0%	0.0%	4.7%
040138143002	No	100.0%	78.0%	11.6%	0.0%	0.0%	15.2%	0.0%	1.7%	5.2%
040138143003	No	100.0%	66.6%	24.4%	4.1%	0.0%	5.8%	0.0%	21.4%	2.2%
040138144001	No	100.0%	82.9%	19.5%	1.2%	0.6%	9.0%	0.0%	0.9%	5.5%
040138144002	No	100.0%	80.9%	27.0%	0.4%	0.0%	3.0%	0.0%	1.4%	14.3%
040138145001	Yes	100.0%	70.4%	40.0%	2.7%	0.1%	3.7%	0.0%	16.8%	6.3%

**TABLE 15: MINORITY PERCENTAGE BY CENSUS BLOCK GROUPS
(2022 ACS)**

GEO ID	Minority Above Average %?	Total Population	White	Hispanic or Latino	Black	American Indian	Asian	Native Hawaiian	Other	TwoRaces
040138145002	No	100.0%	74.8%	14.9%	0.0%	2.7%	3.9%	0.0%	1.5%	17.1%
040138145003	No	100.0%	89.8%	25.0%	0.8%	1.7%	2.6%	0.0%	0.0%	5.1%
040138145004	No	100.0%	70.2%	4.3%	7.5%	0.0%	8.2%	0.0%	4.3%	9.8%
040138146001	No	100.0%	84.4%	32.7%	0.0%	0.0%	0.0%	0.2%	2.1%	13.4%
040138146002	No	100.0%	65.3%	14.4%	10.7%	3.9%	5.0%	0.0%	0.0%	15.1%
040138146003	No	100.0%	79.2%	21.1%	0.0%	0.0%	0.5%	0.0%	15.4%	5.0%
040138147001	No	100.0%	76.7%	12.4%	3.2%	0.0%	9.3%	0.4%	3.5%	6.9%
040138147002	No	100.0%	79.1%	17.3%	1.3%	0.0%	6.8%	0.0%	6.4%	6.5%
040138148011	No	100.0%	84.5%	11.7%	2.4%	0.8%	2.9%	0.0%	4.0%	5.5%
040138148012	No	100.0%	77.9%	19.0%	0.0%	0.7%	0.9%	0.0%	0.0%	20.5%
040138148021	No	100.0%	71.9%	17.7%	20.1%	0.0%	0.6%	0.0%	2.5%	4.9%
040138148022	Yes	100.0%	62.3%	34.1%	9.0%	0.0%	10.8%	0.0%	5.1%	12.7%
040138148023	No	100.0%	86.6%	5.8%	3.0%	0.0%	2.7%	0.0%	1.9%	5.8%
040138149001	No	100.0%	70.0%	17.5%	7.4%	0.0%	10.0%	0.0%	1.7%	10.9%
040138149002	No	100.0%	85.8%	32.8%	0.5%	0.7%	0.0%	0.0%	2.8%	10.2%
040138150001	No	100.0%	75.6%	33.1%	0.7%	0.0%	3.3%	0.0%	0.0%	20.5%
040138150002	No	100.0%	86.8%	5.9%	0.0%	0.0%	3.0%	0.0%	2.3%	7.9%
040138150003	No	100.0%	71.3%	18.9%	0.0%	0.0%	0.0%	0.0%	3.1%	25.6%
040138151001	No	100.0%	54.8%	16.7%	2.7%	0.4%	27.9%	0.5%	1.5%	12.3%
040138151002	No	100.0%	84.5%	5.2%	1.2%	0.0%	5.7%	2.5%	2.1%	3.9%
040138151003	No	100.0%	71.1%	23.1%	4.5%	0.0%	4.6%	0.0%	1.9%	17.9%
040138152011	No	100.0%	65.1%	19.6%	7.0%	0.0%	7.2%	0.0%	6.6%	14.1%
040138152012	Yes	100.0%	73.0%	45.0%	8.5%	0.0%	4.1%	0.0%	3.9%	10.5%
040138152021	No	100.0%	87.9%	26.8%	1.0%	0.5%	3.2%	0.0%	2.8%	4.6%
040138152022	Yes	100.0%	52.2%	22.7%	5.3%	0.0%	2.7%	0.0%	0.0%	39.8%
040138152031	No	100.0%	67.9%	20.7%	5.7%	0.0%	10.6%	0.0%	3.2%	12.7%
040138152032	No	100.0%	67.7%	7.9%	14.3%	0.4%	2.4%	0.0%	2.4%	12.9%
040138153001	No	100.0%	87.6%	12.4%	4.5%	0.0%	1.8%	0.0%	1.0%	5.3%
040138153002	No	100.0%	71.0%	8.8%	1.9%	0.0%	7.2%	0.0%	8.9%	11.0%
040138154011	No	100.0%	78.0%	12.9%	11.6%	0.0%	0.0%	0.0%	1.8%	8.6%
040138154012	No	100.0%	76.9%	0.0%	4.6%	0.0%	12.1%	0.0%	0.0%	6.3%
040138154013	No	100.0%	91.0%	5.0%	0.0%	0.0%	0.0%	0.0%	0.0%	9.0%
040138154021	Yes	100.0%	70.9%	39.0%	11.0%	0.0%	3.8%	0.0%	9.4%	4.9%
040138154022	No	100.0%	77.4%	16.8%	5.1%	0.0%	2.8%	0.0%	2.2%	12.5%
040138154023	No	100.0%	85.8%	5.6%	0.4%	0.0%	6.1%	0.0%	4.4%	3.5%
040138155011	No	100.0%	71.0%	25.0%	3.8%	0.0%	7.6%	0.0%	6.3%	11.2%
040138155012	No	100.0%	86.0%	2.2%	0.0%	5.7%	3.0%	0.0%	0.0%	5.3%
040138155021	No	100.0%	68.9%	17.6%	20.5%	0.0%	4.6%	0.0%	2.5%	3.5%
040138155022	No	100.0%	69.4%	28.2%	0.0%	22.0%	0.8%	0.0%	1.6%	6.2%
040138156011	No	100.0%	73.6%	13.7%	0.0%	0.0%	11.7%	0.9%	8.1%	5.7%
040138156021	No	100.0%	70.5%	15.0%	1.2%	3.2%	16.3%	0.0%	0.0%	8.9%
040138156022	No	100.0%	87.1%	13.4%	0.0%	1.4%	3.3%	0.0%	4.3%	4.0%
040138156023	No	100.0%	78.6%	17.4%	2.9%	1.6%	1.9%	0.0%	2.7%	12.2%
040138156024	No	100.0%	71.7%	3.3%	14.7%	0.0%	6.0%	0.0%	1.5%	6.0%
040138157001	No	100.0%	71.3%	19.2%	2.6%	0.0%	10.0%	0.0%	7.8%	8.3%
040138157002	Yes	100.0%	64.1%	30.2%	1.3%	0.0%	4.1%	0.5%	9.4%	20.5%
040138158001	No	100.0%	70.9%	15.2%	6.7%	0.0%	1.9%	0.0%	5.2%	15.3%
040138158002	No	100.0%	70.6%	22.2%	7.1%	0.0%	3.6%	0.0%	9.2%	9.5%
040138158003	No	100.0%	68.4%	20.0%	3.7%	0.0%	4.9%	0.0%	2.0%	21.0%
040138159011	Yes	100.0%	45.1%	12.5%	18.2%	0.0%	30.9%	0.0%	0.0%	5.8%
040138159012	No	100.0%	84.1%	3.9%	4.8%	0.0%	3.7%	0.0%	0.7%	6.8%
040138159013	Yes	100.0%	44.3%	11.4%	0.0%	0.6%	43.2%	1.3%	6.4%	4.2%
040138159021	No	100.0%	76.4%	10.1%	1.2%	0.0%	16.1%	0.0%	1.2%	5.0%
040138159022	No	100.0%	91.6%	0.3%	0.0%	0.0%	8.4%	0.0%	0.0%	0.0%
040138159023	No	100.0%	92.4%	7.3%	0.0%	2.8%	0.0%	0.0%	0.2%	4.6%
040138160011	No	100.0%	86.2%	10.9%	3.5%	0.0%	0.2%	0.0%	0.4%	9.6%
040138160012	No	100.0%	87.7%	28.9%	1.2%	1.3%	0.9%	0.0%	0.0%	8.9%
040138160021	No	100.0%	63.4%	19.4%	1.3%	0.0%	29.2%	0.0%	0.0%	6.0%
040138160022	No	100.0%	89.4%	9.8%	0.0%	0.0%	4.1%	0.0%	0.0%	6.5%
040138160023	No	100.0%	87.8%	15.1%	1.9%	0.0%	2.2%	0.0%	0.0%	8.0%
040138160031	No	100.0%	92.0%	3.5%	1.1%	4.3%	2.5%	0.0%	0.1%	0.0%
040138160032	Yes	100.0%	36.5%	4.7%	0.0%	0.8%	57.2%	0.0%	1.2%	4.3%

**TABLE 15: MINORITY PERCENTAGE BY CENSUS BLOCK GROUPS
(2022 ACS)**

GEO ID	Minority Above Average %?	Total Population	White	Hispanic or Latino	Black	American Indian	Asian	Native Hawaiian	Other	TwoRaces
040138160041	No	100.0%	75.1%	19.4%	6.3%	1.7%	8.1%	0.0%	0.7%	8.2%
040138160042	No	100.0%	79.2%	19.9%	1.6%	0.5%	5.2%	0.0%	3.0%	10.6%
040138160051	No	100.0%	49.4%	0.0%	40.7%	0.0%	9.8%	0.0%	0.0%	0.0%
040138160052	No	100.0%	79.2%	3.6%	4.4%	0.0%	3.6%	0.0%	2.0%	10.8%
040138160053	Yes	100.0%	72.6%	37.9%	0.0%	0.0%	0.0%	0.0%	17.1%	10.3%
040138161001	No	100.0%	74.8%	4.8%	6.8%	2.2%	0.9%	0.0%	0.7%	14.6%
040138161002	No	100.0%	77.7%	12.9%	2.1%	0.0%	4.9%	0.8%	3.4%	11.1%
040138161003	No	100.0%	65.7%	27.0%	0.0%	0.0%	2.3%	0.0%	13.0%	19.1%
040138161004	Yes	100.0%	60.9%	32.9%	6.0%	0.5%	5.7%	0.0%	6.1%	20.8%
040138162001	Yes	100.0%	46.6%	22.9%	2.1%	0.0%	30.4%	0.0%	0.8%	20.1%
040138162002	No	100.0%	65.2%	10.3%	7.3%	0.0%	1.0%	0.0%	1.7%	24.9%
040138162003	No	100.0%	82.2%	23.3%	0.0%	0.0%	5.0%	0.0%	3.0%	9.8%
040138163011	No	100.0%	93.2%	0.0%	0.0%	0.0%	6.8%	0.0%	0.0%	0.0%
040138163012	No	100.0%	94.0%	1.4%	1.3%	0.0%	1.7%	0.0%	1.3%	1.7%
040138163013	No	100.0%	94.6%	6.3%	0.0%	0.8%	1.4%	0.0%	1.5%	1.7%
040138163021	No	100.0%	82.4%	6.0%	0.4%	0.0%	6.5%	0.0%	0.0%	10.7%
040138163022	No	100.0%	73.3%	30.9%	0.0%	0.5%	10.6%	0.0%	7.6%	7.9%
040138164011	Yes	100.0%	52.8%	18.6%	1.4%	0.0%	13.2%	0.0%	2.8%	29.9%
040138164012	No	100.0%	85.8%	7.3%	3.2%	0.0%	0.0%	0.0%	0.8%	10.2%
040138164021	No	100.0%	92.6%	17.2%	0.0%	0.0%	0.0%	0.0%	1.1%	6.2%
040138164022	No	100.0%	98.6%	0.0%	0.0%	0.0%	1.4%	0.0%	0.0%	0.0%
040138164023	No	100.0%	80.4%	4.0%	0.7%	0.0%	11.1%	0.0%	0.0%	7.9%
040138165011	No	100.0%	83.1%	4.0%	1.3%	0.5%	5.3%	0.0%	4.1%	5.7%
040138165021	No	100.0%	70.2%	28.5%	0.0%	2.4%	2.2%	0.0%	11.5%	13.8%
040138165022	No	100.0%	79.1%	20.9%	5.1%	0.0%	12.1%	0.0%	1.4%	2.4%
040138166001	No	100.0%	77.9%	26.2%	1.7%	0.2%	10.5%	0.0%	1.9%	7.7%
040138166002	No	100.0%	85.6%	10.5%	0.2%	0.0%	3.0%	0.0%	7.0%	4.2%
040138167001	No	100.0%	80.3%	26.3%	1.5%	0.0%	1.1%	0.0%	0.3%	16.7%
040138168001	No	100.0%	76.9%	18.1%	3.0%	0.1%	1.7%	0.0%	0.6%	17.7%
040138168002	No	100.0%	84.1%	22.2%	0.0%	0.4%	5.6%	0.0%	0.8%	9.2%
040138168003	No	100.0%	91.2%	16.2%	5.3%	0.4%	0.0%	0.0%	0.7%	2.5%
040138169011	No	100.0%	85.0%	5.0%	0.0%	0.0%	10.0%	0.0%	0.0%	5.0%
040138169012	No	100.0%	77.1%	23.3%	5.9%	0.7%	2.6%	0.0%	7.0%	6.7%
040138169021	No	100.0%	83.7%	10.2%	7.0%	0.0%	1.7%	0.0%	2.7%	4.9%
040138169031	No	100.0%	67.2%	17.7%	11.8%	0.0%	0.0%	0.0%	0.0%	20.9%
040138169032	No	100.0%	80.1%	12.2%	1.1%	1.2%	5.4%	0.0%	0.0%	12.2%
040138169041	No	100.0%	79.2%	5.8%	5.4%	0.0%	8.2%	0.0%	3.8%	3.4%
040138169042	No	100.0%	85.6%	18.2%	0.0%	0.0%	1.5%	0.0%	5.1%	7.7%
040138170001	No	100.0%	72.3%	34.7%	1.8%	0.0%	2.9%	0.0%	0.7%	22.3%
040138170002	No	100.0%	87.5%	3.8%	1.7%	0.0%	7.3%	0.0%	0.0%	3.5%
040138171011	No	100.0%	90.0%	7.9%	3.4%	0.0%	4.5%	0.0%	0.0%	2.1%
040138171012	No	100.0%	73.5%	15.9%	2.4%	0.0%	2.2%	0.0%	9.6%	12.3%
040138171021	No	100.0%	39.4%	0.0%	0.0%	7.8%	0.0%	0.0%	1.7%	51.1%
040138171022	No	100.0%	71.8%	23.6%	5.2%	2.6%	4.8%	0.0%	14.2%	1.5%
040138171023	No	100.0%	93.5%	7.5%	3.2%	0.0%	0.0%	0.0%	1.7%	1.6%
040138171031	No	100.0%	77.3%	6.2%	4.2%	0.0%	1.1%	0.9%	0.9%	15.5%
040138171032	Yes	100.0%	70.0%	45.2%	2.1%	0.7%	0.6%	0.0%	0.9%	25.7%
040138171033	No	100.0%	55.3%	9.9%	10.0%	0.4%	0.4%	9.3%	6.8%	17.8%
040138172001	No	100.0%	73.2%	28.0%	0.0%	0.8%	0.0%	0.0%	12.3%	13.7%
040138172002	No	100.0%	76.1%	16.2%	0.0%	0.0%	0.8%	0.0%	1.9%	21.2%
040138172003	No	100.0%	98.8%	8.5%	0.0%	0.0%	0.0%	0.0%	0.2%	1.0%
040138172004	Yes	100.0%	70.1%	39.7%	0.0%	0.8%	0.8%	0.0%	3.5%	24.8%
040138172005	Yes	100.0%	68.7%	36.0%	16.8%	0.0%	0.0%	0.0%	2.0%	12.5%
040138173001	No	100.0%	97.8%	0.0%	2.2%	0.0%	0.0%	0.0%	0.0%	0.0%
040138173002	No	100.0%	98.7%	3.2%	0.0%	0.0%	1.3%	0.0%	0.0%	0.0%
040138173003	No	100.0%	100.0%	1.7%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
040138174001	No	100.0%	95.6%	0.0%	2.2%	1.6%	0.0%	0.0%	0.0%	0.6%
040138174002	No	100.0%	89.1%	3.2%	2.6%	1.7%	0.6%	0.0%	0.5%	5.5%
040138175001	No	100.0%	97.4%	5.0%	0.7%	0.7%	0.0%	0.0%	0.0%	1.2%
040138175002	No	100.0%	95.0%	1.8%	0.7%	0.0%	1.2%	0.0%	0.6%	2.6%
040138176001	No	100.0%	81.1%	13.6%	1.9%	0.2%	3.7%	0.0%	2.3%	10.9%
040138176002	Yes	100.0%	92.0%	66.7%	0.0%	0.0%	0.0%	0.0%	0.0%	8.0%

**TABLE 15: MINORITY PERCENTAGE BY CENSUS BLOCK GROUPS
(2022 ACS)**

GEO ID	Minority Above Average %?	Total Population	White	Hispanic or Latino	Black	American Indian	Asian	Native Hawaiian	Other	TwoRaces
040138176003	No	100.0%	68.0%	13.7%	5.4%	1.2%	4.7%	0.0%	9.2%	11.4%
040139407001	Yes	100.0%	0.0%	0.0%	0.0%	100.0%	0.0%	0.0%	0.0%	0.0%
040139410001	Yes	100.0%	3.4%	16.1%	0.2%	79.1%	2.1%	0.9%	3.1%	11.2%
040139410002	Yes	100.0%	64.7%	47.1%	0.0%	5.9%	0.0%	0.0%	29.4%	0.0%
040139411001	Yes	100.0%	0.0%	0.0%	0.0%	0.0%	100.0%	0.0%	0.0%	0.0%
040139412001	Yes	100.0%	11.1%	20.0%	0.3%	76.4%	1.3%	0.0%	0.9%	9.9%
040139413001	Yes	100.0%	3.3%	32.8%	0.0%	80.7%	0.0%	0.0%	1.0%	15.0%
040139413002	Yes	100.0%	4.5%	5.9%	0.0%	95.5%	0.0%	0.0%	0.0%	0.0%
040139413003	No	100.0%	92.5%	8.3%	1.6%	3.8%	0.0%	0.0%	1.2%	1.0%
040139413004	Yes	100.0%	2.2%	16.2%	0.0%	85.0%	0.0%	0.0%	2.3%	10.5%
040139801001	No	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
040139804001	Yes	100.0%	46.2%	30.8%	15.4%	23.1%	0.0%	0.0%	15.4%	0.0%
040139805001	No	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
040139807001	No	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
040139809001	No	100.0%	100.0%	26.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
040139810001	Yes	100.0%	63.1%	29.3%	13.4%	3.8%	0.0%	0.0%	12.2%	7.4%

AUGUST 2023

Origin and Destination Survey

FINAL REPORT





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EXECUTIVE SUMMARY

The Valley Metro AZ Transit (VM) conducted the 2023 Regional Transit Onboard Origin-Destination (OD) Survey in partnership with the Maricopa Association of Governments (MAG). VM contracted ETC Institute to conduct the onboard survey of passengers riding six major transit service categories across the eight-county regional transportation planning area on weekdays and weekends:

- Local bus
- Rapid bus
- Express bus
- Circulator bus
- Streetcar
- Light rail

Objectives

The primary objectives for the survey were as follows:

- Compile statistically accurate information about transit passengers and how they use transit in the region.
- Generate reliable linked OD data needed by VM and MAG to support travel demand modeling and transportation network simulation activities used for regional long-range transportation planning.
- Assess changes in trip characteristics and ridership profiles of transit riders by comparing the 2023 survey results with data from previous surveys by MAG and VM.
- Meet the Title VI Civil Right Requirements per the latest FTA guidance.

COVID-19 Effects

There was a little impact on survey collection methodology due to the 2020 Pandemic. All interview personnel was equipped with a mask and hand sanitizer. Any instance that an individual wearing a mask was approached to complete an interview, the interviewer was instructed to equip his or her mask.

Surveys Collected

The target sample size for the survey was 18,425 completed surveys across all transit services and modes. This was split between 16,409 Weekday and 2,016 Weekend. The actual number of completed surveys was 22,326. The following table documents the ridership, target sample size, and actual number of surveys collected for each transit agency.

TABLE 1: WEEKDAY SURVEYS BY SERVICE TYPE

Service Type	Target Sample Size	Surveys Collected
Local Bus	9,159	12,118
Rapid Bus	80	47
Express Bus	64	94
Circulator Bus	1,075	1,140
Streetcar	459	514
Light Rail	5,537	5,782
Total	16,374	19,695

Survey Methodology

ETC interviewers conducted the survey on bus, streetcar, and rail by intercept interviews of passengers. Interviewers randomly selected passengers to participate in the interview while making a trip. If the passenger agreed, the interviewer conducted the survey using a tablet personal computer (tablet), recording responses in real-time. The tablet computers had on-screen mapping features that allowed for geocoding of addresses based on feedback from the passenger. The interviewer was available to answer any passenger questions to ensure the accuracy of the data collected. The passenger could also select the response to the demographic questions directly on the tablet, thus allowing for more privacy.

Per the Scope of Work, ETC maintained a 50% Spanish bilingual staffing level for the duration of the project. If an interviewer did not speak the same language as the rider that was approached, they were instructed to turn the tablet and ask the rider to select their native language. This led to the option for the rider to provide their contact information and take a phone survey at a later time in their native language.

Some of the surveys on Express and Rapid routes were collected using self-administered paper surveys. Interviewers distributed the paper surveys as passengers boarded the bus for the morning in-bound and evening out-bound trips. The interviewer then rode the bus trip to be available to answer questions and collect completed surveys.

The final survey database of 22,326 completed surveys provides a 95% confidence interval (CI) with less than a 1% margin of error (ME) for the regional service as a whole.

Regional Transit Rider Profile

The following transit rider profile at the regional level was created from the survey.

- Nearly three-quarters (73.4%) of transit riders in the region are employed either full time (56.7%) or part time (16.7%).
- Less than one-quarter (20.1%) of transit riders in the region are students at a college or university (13.9%), a vocational/technical school (0.4%), a kindergarten through 12th grade school (5.6%), or other form of education (.2%).
- Over half (57.3%) of transit riders in the region are between 25 and 54 years of age.
- The race/ethnicity of transit riders in the region are 40.0% White, 26.6% Hispanic/Latino, 23.5% Black/African American, 6.9% American Indian/Alaskan Native, 6.7% Asian, and 1.1% Native Hawaiian/Pacific Islander.
- Over one-quarter (32.0%) of transit riders in the region report an annual household income of less than \$20,000; 7.0% report an annual household income of \$80,000 or more.
- Nearly three-quarters (72.4%) of transit riders make at least 6 one-way trips per week.

Nearly half (49.1%) of transit riders make at least 10 one-way trips per week.

Regional Transit Trip Characteristics

These statistics focused on transit trip characteristics.

- Over half (46.5%) of all passenger trips came from home, 20.8% came from their usual workplace, and 8.1% came from recreational/social activities.
- Over three-quarters (91.8%) of passengers walked from their origin to their first transit stop.
- The main destination location for passengers was home (43.0%), 20.7% headed to their usual workplace, and 9.1% headed to recreational/social activities.
- Nearly all (92.5%) of passengers walked to their destination from their last transit stop.
- Over half (53.2%) of all passenger trips surveyed did not require a transfer, 35.5% required one transfer, and 12.8% required two or more transfers.

Other Key Findings

- The region's transit systems have a positive impact on traffic and air quality by reducing the number of trips that may otherwise have been completed by driving. Of the respondents that have at least one working vehicle available to their household, 37% of them could have used it for their trip.
- Public transit in the region increases mobility and independence for those who cannot drive or have a vehicle. Nearly half (49.0%) of passengers do not possess a valid drivers' license and 55.9% of passengers have zero household vehicles.
- A high amount (40.0%) of passengers in the region live in households that make less than \$25,000.00. By taking public transportation, individuals can eliminate a significant amount of spending each month in avoided gas costs, maintenance, and other expenses (insurance, registration, etc.).

CHAPTER 1: SURVEY METHODOLOGY

Sampling Plan

In coordination with the VM and MAG, ETC established sampling goals for each bus route and light rail station to ensure that the distribution of completed surveys mirrored the population distribution of riders on the region’s transit systems which are shown in Appendix C. Table 2 shows the time periods for the weekday collection of this survey. Weekend survey collection did not have official goals by time period, but this was regularly documented to ensure adequate distribution.

TABLE 2: PROJECT TIME PERIODS

Time Period	Time Range
AM Peak	6:00 a.m. to 8:59 a.m.
Midday	9:00 a.m. to 2:59 p.m.
PM Peak	3:00 p.m. to 5:59 p.m.
Night	6:00 p.m. to 5:59 a.m.

Sources of Ridership Data

The source of the ridership used to both plan for and expand the survey came from VM, MAG, and other regional providers. The ridership used to draw the final sample and create a data collection plan was from Fall 2022. This data source was summarized by ETC by route, time-of-day, and direction in order to create cell level percentages (Route/Direction/Time-of-day). Using the route level sample sizes from the request for proposal, ETC created cell level (route/direction/time-of-day) ridership data by normalizing the daily ridership totals. The ridership used for the data expansion was the average weekday ridership from February to May 2023, the period during which the survey was conducted.

Sampling Plan for O2O Counts

On-to-Off (O2O) counts were collected on the VM rail line and the streetcar in order to capture passenger boarding and alighting pairs (stops individual passengers board and alight the rail line). This was done to expand the rail and streetcar data by segmenting station on and offs. The sampling plan for the O2O counts was designed to obtain completed pairs from a minimum of 20% of the daily ridership on both systems operated by VM. The total rail goal was 5,573, and 6,926 pairs were collected. The total Streetcar goal was 460, and 1,249 pairs were collected.

Sampling Goals for OD Survey

VM established route level and rail station level sample sizes using sampling strata shown in Table 3 using the average Fall 2022 ridership. The strata were created for VM Rail, Local Bus, Express Bus, Rapid Bus, and Streetcar. Each strata (i.e., VM Rail, Local Bus, etc.) contains average weekday daily ridership categories from high to low ridership. For example, there is one route (route 82) with a higher daily ridership than 7,500 weekday boardings. Using the sample strata shown in Table 3, route 82 was assigned a route level target sample of 367 which is a 95% confidence interval with a 5% margin of error.

ETC developed an OD sample plan from the VM route level strata ensuring the completion of at least 15,583 OD surveys across all VM services and the regional providers. Route level goals were provided by VM which used the forementioned strata. Cell level goals were created by route, direction, and time-of-day by utilizing VM ridership data from Fall 2023. The cell level goals were created off a combination of cell level (route/direction/time-of-day) boarding percentages.

ETC collected 22,326 surveys across VM services. Table 3 shows the sample sizes by Service Type. Appendix C shows all OD Sample Plans by route, direction, time-of-day, and OD completed surveys.

TABLE 3: WEEKDAY SURVEYS BY SERVICE TYPE

Service Type	Target Sample Size	Surveys Collected
Local Bus	9,159	12,118
Rapid Bus	80	47
Express Bus	64	94
Circulator Bus	1,075	1,140
Streetcar	459	514
Light Rail	5,537	5,782
Total	16,374	19,695

Survey goals were set toward 10% of APC daily ridership numbers. As this survey collection effort was a part of a Before and After Study, ETC conducted oversampling a number of specified routes. Sample goals for these routes were increased to 20% of daily ridership. Several routes that were sampled at the 20% level include Scottsdale Express, Miller/Hayden, Gus 1, Gus 2, and Gus 3.

Pilot Test

ETC conducted an OD Survey pilot test from February 20 through February 23, 2023. The purpose of the pilot test was to assess all aspects of the survey including survey design, the random passenger selection, implementation, and data processing tasks. The overall goal was to complete 200 OD interviews. A total of 238 usable interviews were collected. 112 Surveys were collected on the Rail, and 126 were collected across the four bus routes. Completed records were defined as a trip that made logistical sense and all other variables answered.

Routes Involved

The pilot test was administered to transit riders on a mixture of routes between the hours of 6:00am and 10:00pm. The mixture of VM routes included local bus routes, local LEP routes, and VM rail. Routes surveyed for the pilot were:

- Route 29 – Thomas Rd (Scottsdale & Phoenix)
- Route 19 – 19th Ave (Phoenix)

- Route 48 – 48th St/Rio Salado (Spanish LEP route)
- Route 1 – Washington/Jefferson (Spanish LEP route)
- Valley Metro Rail

ETC tested the survey on the VM Rail to evaluate effectiveness on the light rail system and on VM Bus Routes to evaluate how the survey program performed on bus routes of low, high, and limited English proficient ridership. Additionally, the On-to-Off (O2O) survey tool was tested on three full Light Rail Transit (Rail) trips. The specific goals for the pilot test were as follows:

- (1) Assess the full sampling and survey methodology using tablet interview using ETC’s smart programming and built in Quality Assurance Quality Control (QAQC)-logic
- (2) Evaluate the process for selecting respondents and data collection procedures
- (3) Evaluate methods used to ensure that customers selected for the survey can participate regardless of disability or English language proficiency
- (4) Evaluate response rates and factors that contribute to non-response
- (5) Assess real-time geocoding procedures as well as transfer feasibility, distance ratio checks, and all other QAQC, both in field and post-survey
- (6) Assess the questions included in the survey instrument and make recommendations for streamlining/modifying questions to improve the clarity and ability to administer the survey in a timely manner
- (7) Assess survey length and make recommendations on shortening or lengthening the survey by service type, etc.
- (8) Assess differences in data accuracy between temporary staff and supervisors
- (9) Check that all the responses are making it successfully into the database file of the instrument and no data is lost

Pilot Test Results

Assessment of Survey Design

Overall, the survey design was good. Passengers were willing to participate in the survey and respondents did not seem to have difficulty understanding the questions. The average survey took 7.4 minutes to complete with the shortest amount of time being 4.75 minutes and the longest being 10.75 minutes.

Assessment of Survey Participation and Usability of Surveys

Limited English Proficient (LEP) Passengers

In total, 33 interviews were conducted in Spanish. Additionally, four Spanish-only speaking passengers refused to provide contact information in order to receive a callback to conduct the survey in Spanish. A total of three bilingual (English/Spanish) interviewers conducted interviews in the pilot survey spread out among all pilot routes.

It was determined that for the full survey, LEP routes would only be surveyed by bilingual staff, while the rest would be spread out across the VM system.

Refusals

A total of 126 passengers refused to participate in the survey out of the 405 passengers approached. Interviewers logged each respondent that refused to participate in the survey and observed of the rider's age, race, and gender.

Key Profile of Refusals

- 53% of the passengers that refused were observed as male while 47% were observed as female.
- Majority appeared to be less than 24 years old.
- 43% of the refusals were observed as Black/African American, while 17% were observed as Hispanic/Latino.

Survey Instrument

The tablet version was the preferred survey method due to having on-screen mapping that allows for real-time geocoding of addresses and locations. The respondents would then confirm the geocoded location based on the on-screen map. In addition to using the mapping feature to collect the global positioning system (GPS) coordinates of major survey locations (home address, origin address, destination address, boarding location, and alighting location). The respondent could also select the answers to the questions directly on the tablet during the demographic section to allow for more privacy.

Respondents who did not have time to complete the survey during their bus or rail trip were also given the option of providing their phone numbers or e-mail address for an online self-administered survey or call back. Those who provided their phone numbers or e-mail were then texted or e-mailed a link to the self-administered survey or contacted by ETC’s call center to complete the survey. Overall, two passengers completed the survey through these methods.

Figure 1 to Figure 4 show examples from the tablet survey.

FIGURE 1: TABLET SCREENSHOT FOR QUESTION: “WHAT TYPE OF PLACE ARE YOU COMING FROM NOW?”

Q. What type of place are you **COMING FROM NOW?** (the starting place for your one-way trip)

Your usual WORKPLACE	Personal business (bank, post office)
Other work related	Pick up / Drop off someone (daycare, school)
Your HOME	Shopping
College / University (students only)	Eating / Dining Out
School (K-12) (students only)	Hotel (visitors only)
Airport (as an air passenger)	Other: <input type="text"/>
Recreation / Social (movies, sports, park, gym, etc.)	

FIGURE 2: TABLET SCREENSHOT FOR QUESTION: "HOW DID YOU GET FROM YOUR ORIGIN TO YOUR VERY FIRST BUS/TRAIN ON THIS ONE-WAY TRIP?"

Q. How did you GET FROM your origin [Your usual WORKPLACE] TO [59 59th Ave] on this one- way trip?

Walked all the way	On-Demand Transit
Rode Bike (Your own)	Took a Dial-a-Ride or Paratransit service
Rode Bike (Shared)	Was dropped off by someone (not a paid service)
Electric scooter (Your own)	Drove alone and parked
Electric scooter (Shared)	Drove or rode with others and parked
Wheelchair / Mobility Scooter	Other (skateboard, private/courtesy shuttle, etc): <input type="text"/>
Use Uber, Lyft, Waymo, taxi or similar service	

FIGURE 3: TABLET SCREENSHOT FOR QUESTION: "WHERE DID YOU GET ON THIS BUS?"

Q. Where did you GET ON [70 24th St/Glendale Ave WB (Toward Glendale PNR or Luke AFB Lightning Gate)] for this one-way trip?

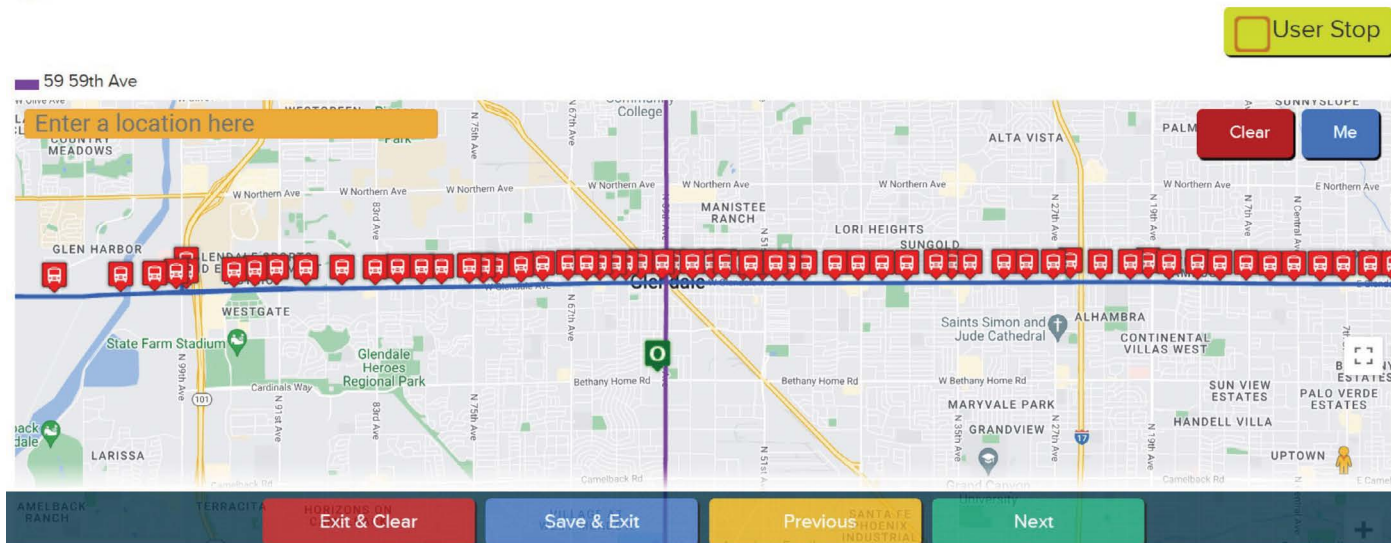


FIGURE 4: TABLET SCREENSHOT FOR QUESTIONS ABOUT TRANSIT INFORMATION

Q. How do you usually get transit information?

Valley Metro website (Computer)	VM Twitter
Valley Metro website (Mobile device)	VM Instagram
Call customer service	Other mobile apps (Google Maps, Transit)
Posted schedule at bus stop/station	Text NextRide
VM Mobile App	Did not do any trip planning
VM Facebook	Other (specify) <input type="text"/>

For Express and Rapid routes, the respondent generally has a longer ride time and fewer transfers, allowing for the use of paper surveys. The distribution of paper surveys to all passengers on these trips allowed a greater number of passengers to participate without sacrificing data quality. For the PNR routes, interviewers distributed the

surveys, assisted riders as needed, and collected the paper questionnaire. The paper surveys that were collected on these routes were then entered into the online database with the tablet surveys. The paper questionnaire is provided in Appendix B. The questions on the paper survey were the same as for the tablet surveys.

CHAPTER 2: SURVEY ADMINISTRATION

Data Collection Activities

Labor Recruitment and Training

Assembling a team of high-quality survey staff was one of the most important steps in both the O2O and OD administration process. ETC collaborated with the staffing firm ANIK to provide interviewers for the both the O2O and OD surveys.

ETC conducted two major training sessions for data collection. The first major training session was for the O2O counts, and the second major training session was for the OD survey. There were additional training sessions conducted throughout the data collection process on an as-needed basis with smaller groups.

Training sessions focused on the study's purpose and objectives, the survey instruments, scripts on how to respond to passengers' questions, how to use data collection tools, instructions on how to conduct themselves when working with the public, and safety training. The survey staff were instructed to understand that while they were not VM, MAG, or any of the other transit systems employees, they were representing all agencies while on transit vehicles or property and they needed to act in a manner that reflected positively.

Maximizing participation and legitimizing the survey among passengers depended on the public response to the survey staff. To support a good public image, ETC imposed strict dress code standards that required survey staff to wear clean appropriate clothing to present a casual, yet neat, appearance that ensured professionalism and comfort. Survey staff were provided with surveyor badges and vests, identifying interviewers to VM staff and passengers. The badge and dress code standards promoted a professional appearance and reinforced survey legitimacy, which increased passengers' trust in the interviewers and the process.

ETC provided an in-depth project-specific training

to ensure a successful data collection. The training reviewed project specifics and field procedures and provided training on how to actively engage customers (passengers). Key highlights in the training included courtesy, professionalism, and person-to-person interactions.

Training O2O Surveyors

The ETC field manager created the necessary training materials and conducted the O2O training. The primary tool that was used for the training session was a PowerPoint presentation. The training discussed the following topics:

- Equipment use and set up
- Methodologies for collecting rail boarding and alighting pairs
- How to approach passengers
- How to manage refusals
- How to react in various situations that may be encountered
- Safety training

Surveyors were evaluated on their proficiency and were provided with additional coaching if needed. If the surveyor was deemed unable to perform the O2O count, they were replaced.

Training OD Interviewers

The ETC field manager created the necessary training materials and conducted the OD training. The classroom training session included a PowerPoint presentation to explain the purpose and objectives of the survey, questionnaire content, interviewer procedures and requirements, survey logistics, how to maximize response rates (including hard-to-survey passengers), and the data collection process in a step-by-step format. Other goals of the training included building interview staff confidence, helping interview staff feel that they are an important part of the survey's success, and helping them understand the importance of the survey and its benefits to the community.

ETC ensures that the training addressed the following details:

- Tips on intercepting/interacting with passengers with disabilities
- Tips on intercepting/interacting with limited English proficiency passengers
- Cultural sensitivity
- Importance of understanding the intent of the questions
- Importance of random selection and properly recording all refusals
- Importance of data confidentiality
- Overview of the participating transit systems
- Overview of the topics covered in tablet questionnaire
- How to manage passenger comments and complaints
- Instructions on conveying the purpose of the survey to passengers
- Safety training

Toward the end of training, interviewers conducted mock interviews using the tablets. This exercise allowed ETC staff to gauge each interviewer's comprehension of the survey instrument and provide feedback as needed. Following classroom training, interviewers conducted live interviews with passengers under the supervision of ETC supervisory staff. Supervisors oversaw interviewers and provided feedback on performance throughout the remainder of the training day.

Interviewers who were conducting the survey properly began field training. Interviewers who needed more help, but showed promise, were asked to spend a second day in the field under direct supervision. During this period, the interviewer's productivity and data quality were assessed by ETC staff.

Organization of Survey Team

O2O Surveyors Roles

The O2O surveyors were responsible for the collection of the O2O counts using the tablet program. Surveyors asked the riders at which stop they entered (if not observed) and at what stop they will exit the train.

OD Survey Interviewer Roles

For the OD Survey, interviewers boarded their assigned bus/train and selected riders at random to participate in the survey. While conducting the interview, interviewers asked the respondent each question from the survey tablet and recorded each response provided to them by the passenger.

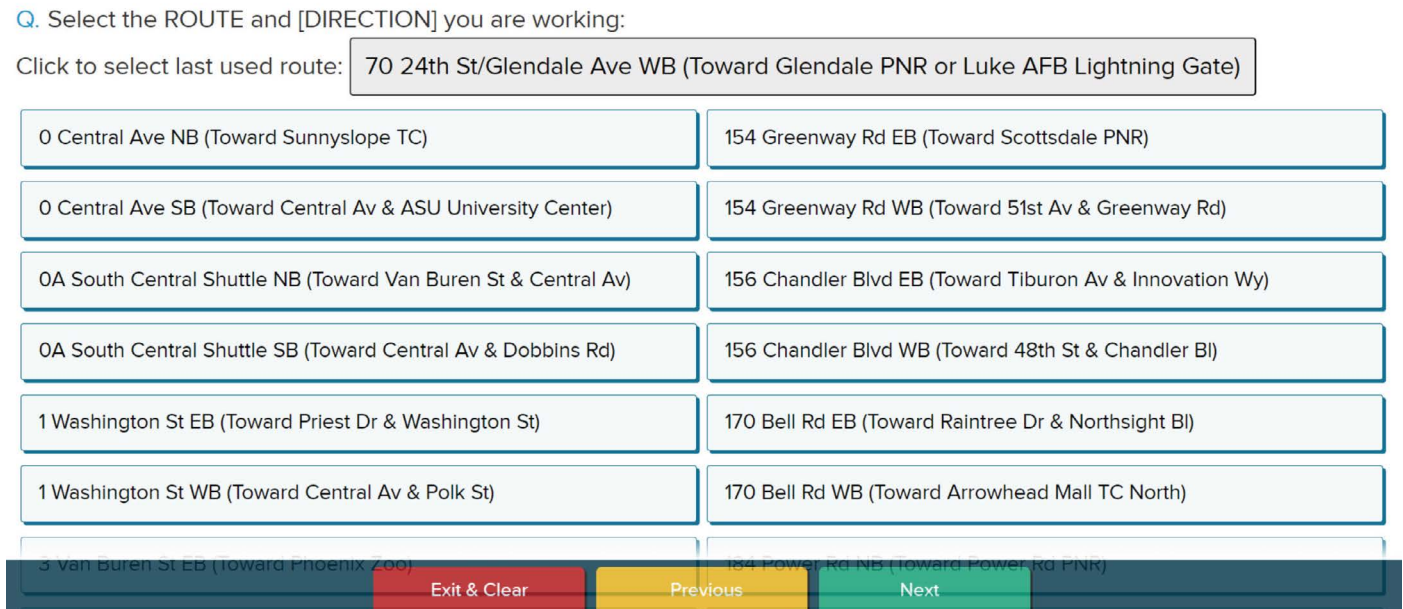
O2O Program Procedure

The O2O counts were collected using tablets equipped with a survey program consisting of two questions: "Where did you get on this rail line?" and "Where will you get off this rail line?". The riders' route, direction, boarding and alighting information, and time were captured with high degree of accuracy via the following process:

- Transit riders were asked to participate as they entered the rail vehicle.
- Each rider entering the rail line was asked where they got on that line (if not observed from the surveyor) and where they will get off the same rail line by a surveyor.
- The surveyor would select the boarding and alighting stops from a programmed drop-down menu, which was associated with rail line they were collecting O2Os.

The O2O software sent the entered data to the O2O server where a server-side processing system stored the data for review. Before any collection took place, surveyor staff were trained on every aspect of the onboard process. An example screenshot of the O2O software is shown in Figure 5.

FIGURE 5: O2O SOFTWARE INTERFACE SCREENSHOT



OD Survey Administration

Selection of Participants

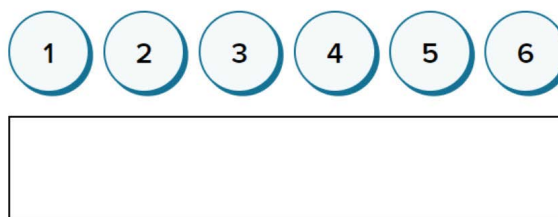
For the OD tablet surveys, a random number generator was used to determine which passengers were asked to participate in the survey after boarding the surveying bus as shown in Figure 6.

If four people boarded a bus, the tablet randomly generated a number from 1 to 4. If the answer was 2, the second person who boarded the bus was asked to participate in the survey. If the answer was 1, the first person was asked to participate in the survey, and so forth. The selection was limited to the first six people who boarded a bus or train at any given stop to ensure the inter-viewer could keep track of the passengers as they boarded.

For example, if 20 people boarded a bus or train, the tablet program would randomly pick one of the first six people for the survey. If the interview is refused by the randomly selected rider, then the rider who boarded before the rider selected would be approached. For the express and rapid routes, a hard copy questionnaire was administered to all boarding passengers to maximize the number of returned complete surveys.

FIGURE 6: OD SURVEY RANDOM NUMBER GENERATOR

Q. Please choose a number between 1 and 6:



THIS ROUTE: 70 24TH ST/GLENDALE AVE WB (TOWARD GLENDALE PNR OR LUK

Respondents who did not have time to complete the survey during their trip or spoke a language other than the interviewers were given the option of providing their contact information to conduct the survey at another time. Those who provided their phone numbers for call back ability were then contacted by ETC's call center to complete the survey. Only 12 surveys were completed by phone. Those interviewers that did speak the foreign language of the rider translated the English tablet version and indicated which language the interview was conducted in.

OD Survey Procedure

Local Bus Routes, Circulator Routes, and Light Rail

All routes that were classified as local, circulator, or light rail were surveyed using tablets. Interviewers selected people for the survey in accordance with the sampling procedures described earlier in this subsection. Once an interviewer had selected a person for the survey, the interviewer did the following tasks:

- Approached the person who was selected and asked him or her to participate in the survey.
- If the person refused, the interviewer ended the survey.
- If the person agreed to participate, the interviewer asked the respondent if he or she had at least 5 minutes to complete the survey.
- If the person did not have at least 5 minutes on the bus, the interviewer asked the person to provide his/her name and contact information to send a link to a self-administered online version. A link was emailed or texted after the interviewer collected the passenger's information. If the passenger did not complete the survey, a phone interviewer from ETC's call center contacted the respondent and asked him/her to provide the information by phone. This methodology ensured that people who completed short trips on public transit were well represented. The vast majority of passengers were able to complete the surveys onboard.
- If the person had at least 5 minutes on the bus or rail, the interviewer began administering the survey to the respondent as a face-to-face interview using a tablet computer to record the answers.

Express and Rapid Route Procedure

As previously described, on Express and Rapid routes the respondent generally has a longer ride time and less complicated trips. The combination of a simpler trip, longer ride time, and the ease of distributing the paper surveys to a larger number of passengers leads to more riders being able to participate than by selecting random passengers and doing interviews. Therefore, survey staff

boarded these routes from their trip starting point and handed out self-administered paper surveys to each boarding passenger. When the passenger completed the survey, the surveyor would then collect the survey back and conduct a quick review of the returned survey to check for completeness. If the paper survey was missing fields, the surveyor would then ask the passenger to fill in the missing field. All paper surveys were entered into the survey program after being collected.

In-Field Quality Assurance/Quality Control

Each day, ETC's field supervisors reviewed interviewer's data for the following issues to assess whether the employee was conducting the survey properly:

- Distribution of surveys by demographics
- Distribution of surveys by trip characteristics
- Length of each survey in minutes
- Percentage of refusals
- Percentage of short trips

ETC's field supervisors also conducted checks on the locations where the interviews took place by viewing the surveys in real time using mapping visualization tool. The survey is programmed to project the location of where five of the survey's questions are asked which populates an "S" in the survey when viewing the mapping visualization tool. These checks ensured data integrity and identified if an interviewer was not onboard their vehicle conducting interviews.

Data Collection Dashboard

ETC created a dashboard for VM to view both collection productivity and demographics collected. ETC Supervisors monitored data collection with a similar dashboard to monitor collection goals and conduct quality control on interviewers' data.

Data Quality Assurance and Processing

Many of the processes described in previous sections of this report were elements of the overall quality assurance/quality control (QA/QC) process that was implemented throughout survey administration. The establishment of sampling goals and procedures for managing the goals ensured that a representative sample was obtained from each bus/rail route. Training of interviewers and the high levels of oversight provided by the field manager and the field supervisors ensured that the survey was administered properly. Also, the use of the latest geocoding tools such as ETC's tablet survey with an embedded Google map search, ETC Elvis program, and Caliper® Maptitude Geographic Information System (GIS) software all contributed to the high quality of geocoding accuracy that was achieved.

The following subsections describe the QA/QC processes that were implemented after the data were collected.

O2O QA/QC Plan

Pre-Processing QA/QC

An analysis of the rail station stop list within the study area is conducted by ETC's GIS analyst before the survey. Effective stop geocoding depends on the initial quality of the stop data. Some of the specific checks that are conducted during the pre-processing phase include sorting and deleting low confidence records that were created. Confidence levels are created based on the O2O software's QA/QC algorithm.

Post-Processing QA/QC

After boardings/alightings were successfully geocoded, the next step in this process involved the application of a QA/QC check for direction.

Process for Identifying Complete Records

To classify a survey as being completed, the record must contain all elements of the one-way trip, including complete answers to the following:

- Route/direction
- Time of trip
- All transfer routes used
- Home address
- Origin address
- Destination address
- Origin place type
- Destination place type
- Access mode
- Egress mode
- Boarding location
- Alighting location

In addition to the required trip data questions, a survey must be marked as complete by the online survey program, which occurs only if the interviewer has navigated through every required question on the online survey instrument including demographic questions.

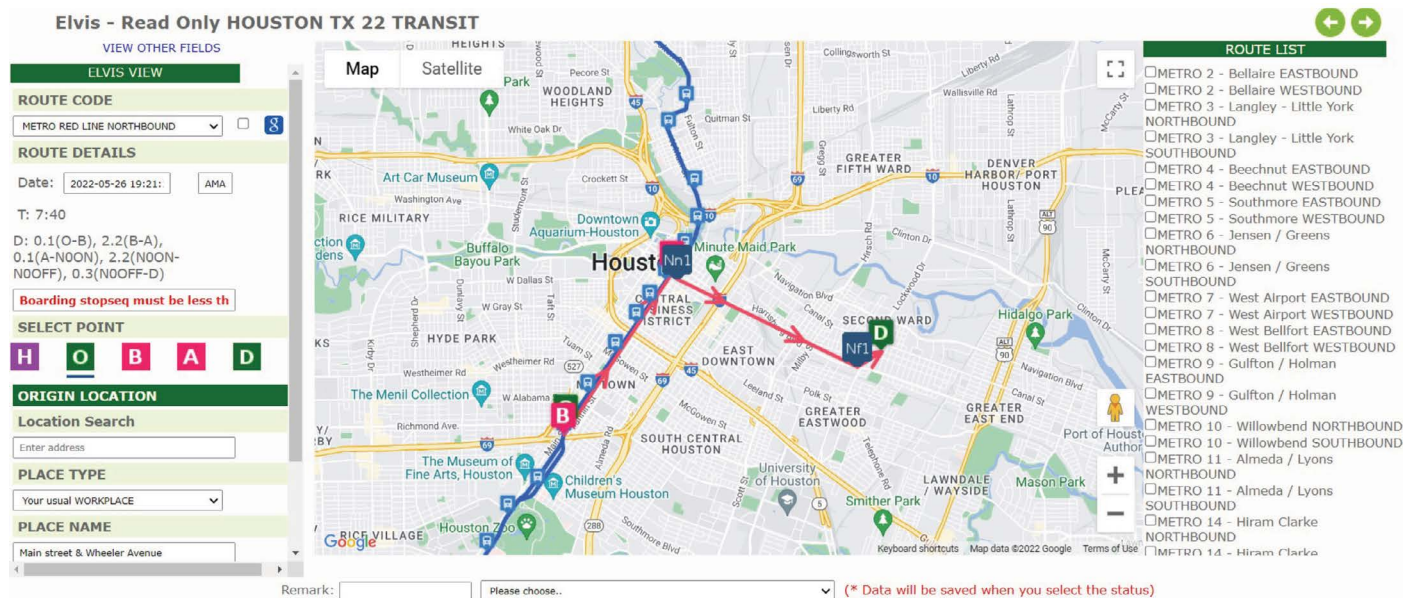
Online Visual Review Tool

ETC created an online visual review tool that allows for the review of all completed records within the database. This tool shows all components of each individual trip as well as a series of preprogrammed distance and ratio checks as

described on subsequent pages. After directions were finalized, the next step was to run each record through the speed/distance/time checks.

Figure 7 shows an example of the online visual review tool.

FIGURE 7: ONLINE VISUAL REVIEW TOOL (EDITABLE VERSION)



Pre-Distance Checks

A series of distance and ratio checks are preprogrammed into the online visual review tool to allow for ETC’s Transit Review Team (TRT) to take a more systematic approach in reviewing complete records. The TRT process for editing surveys is described later in this section. **Note: The distance and ratio checks described were meant to alert the reviewer that closer evaluation was needed. It did not necessarily indicate that the record was inaccurate or unusable.**

The distances used for the checks were created using the great-circle distance formula that is based on a straight line from point A to point B that considers the curvature of the earth. Some of the distance checks ran are listed below:

- Access/Egress Mode Distance Check (distances from origin to boarding and alighting to destination)
- Origin to Destination Check (distance from origin to destination)
- Boarding and Alighting Distance Check (distance checks from boarding to alighting location)

Pre-Ratio Checks

After all transfer checks were completed, the next step in this process involved the application of a series of QA/QC ratio checks.

Three ratio checks were conducted for each record. First, the distance between boarding and alighting was divided by the distance between origin and destination. If the rider had a high ratio, then the rider was on the bus for an extensive time compared to the origin to destination distance. If the check created an extremely low ratio, the use of transit seemed unnecessary.

Second, the distance between origin and boarding was divided by the distance between origin and destination. If the rider had a high ratio, the origin to boarding distance was excessive compared to the origin to destination.

Third, the distance between alighting and destination was divided by the distance between origin and destination. If the rider had a high ratio, the alighting to destination distance was excessive compared to the origin to destination.

Transit Review Team

ETC has a dedicated team whose priority is reviewing and editing completed records using an online visual review tool. The TRT reviewed all completed records collected for the survey, paying special attention to records that were automatically flagged automated distance checks. Typically, around 10% of all records receive an automatic flag. Table 4 is used which generally results in actions that allow about 30% of those records that are automatically flagged to be retained, or approximately 3% of all completed surveys.

TABLE 4: GENERAL ISSUES

Issue	Description of Issue	Action
Origin/Destination Condition 1	Origin/Destination appears incorrect because the wrong location of a multiple-location organization was selected	If for example, an Origin/Destination appears illogical based on the college campus that was selected, but an appropriate campus of the same college does appear logical given the other points and answer choices of the trip, then the appropriate campus will be selected.
Origin/Destination Condition 2	Origin/Destination appears to have been geocoded to the incorrect city/state	If for example, an Origin/Destination appears illogical based on the city/state that was geocoded, but the address/intersection is logical within the trip if the city/state are changed. This occurs occasionally because the interviewer selects the wrong choice from the list of possible address choices that appear in the online survey instrument, then the appropriate address information will be inserted.
Access/Egress Mode	Access/Egress Mode seems illogical based on trip	If the access/egress mode involves the use of a vehicle and the distance from either origin to boarding or alighting to destination is less than 0.2 miles, then the access/egress mode is recoded to walk/walked and that change will be reflected in the database.
Directionality of Record	Boarding and alighting locations indicate that the trip is going in the opposite direction of what was selected by the interviewer	Change direction of route selected and if necessary update boarding and alighting locations based on appropriate direction.

Post-Processing Additional Checks

After all records were reviewed by the TRT, the next step in this process involved the application of a series of QA/QC non-trip checks. Non-trip checks are described as anything not pertaining to the respondent's actual trip (i.e., demographic information).

Non-trip related checks included:

- Ensuring the time of day a survey was completed was reasonable given the published operating schedule for the route. If the time of day was collected by the interviewer was incorrect, the correct time of day was attributed using the time stamp on the survey.
- Ensuring that the appropriate fare type was used in response to the age of respondent. If the fare type was incorrect, the record was researched further in order to provide a correct fare type, if there was no logical explanation, the fare type was left how it was originally answered.
- Removing any personal contact information used for quality control purposes during the data collection portion of the project to protect the anonymity of the respondents. All responses containing the passengers name and phone number for the contest entry was removed.

Once all records had gone through the pre-processing and post-processing QA/QC checks, those that were deemed complete and usable were then used to update the completion report used by the field staff to ensure that all contractual goals had been met. After the final high-level review was completed, a codebook or data dictionary (contained in Appendix C) was created to suitably explain the data in the database.

CHAPTER 3: SURVEY WEIGHTING AND EXPANSION

VM transit interviews were expanded by route, direction, time-of-day, and by segments containing the boarding and corresponding alighting location of the rider. The following sections describe the methodology that was used to develop the unlinked expansion factors. Unlinked expansion factors are weights, when summed up, match the daily ridership of the system.

Data Expansion Overview

When survey quantity goals are created, they are typically based upon a percentage of the average weekday ridership for the routes in the system and desired confidence levels. These are further broken down by time periods and directions. If the route has been deemed a circular or loop route, the ridership is broken down into time periods only, as directional components cannot be obtained accurately. These routes are deemed circular or loop routes because many riders that will board going in one “direction” but alight going the other “direction” due to the functionality of the route. The time periods that are created (e.g., 6 a.m. to 9 a.m.) are based off the specific needs of VM. Once a sample percentage is agreed upon, the goals for the survey collection are based off the ridership for each route by time period and direction then multiplied by the sampling percentage.

The purpose of developing survey quantity goals is to collect an appropriate number of survey records that will be expanded to represent the total average weekday ridership of each route by time period and direction. To further increase the specificity of the expansion process, segments were created for each route. Stops were grouped into segments along that route so that boarding segments could be paired with alighting segments when creating the expansion factor.

Routes with stop-level ridership data were separated based on direction then divided into two segments based on the total boardings. After approximately half of the route’s total ridership was accounted for, a new segment was created. Table 5 is a simplified example of segmentation with stop-level ridership. The reason for that is you can only accurately determine the flows between two segments when you only have APC data. Those routes are segmented similarly to the process above with the main difference being that the second segment begins after approximately half of the route’s total APC ridership has boarded. When a route is segmented in half, you have the possibility of three boarding to alighting cell combinations: board segment 1 to alight segment 1, board segment 1 to alight segment 2, board segment 2 to alight segment 2.

(Note: Iterative Proportional Fitting [IPF] is used in multiple types of expansion discussed later in this document. For IPF to work properly, the boarding totals must match the alighting totals. For this reason, through the process of normalization, ridership alightings are adjusted using a multiplying factor (% of alighting per station/stop) to make sure their totals match the boarding totals. These are typically nominal alterations; however, if there are significant differences in boarding and alighting totals by direction of a route, it may require additional review of the functionality of the route (removing directional components and deeming the route circular or loop) to ensure that the surveys are both collected and expanded appropriately).

TABLE 5: SEGMENTATION WITH STOP-LEVEL RIDERSHIP EXAMPLE

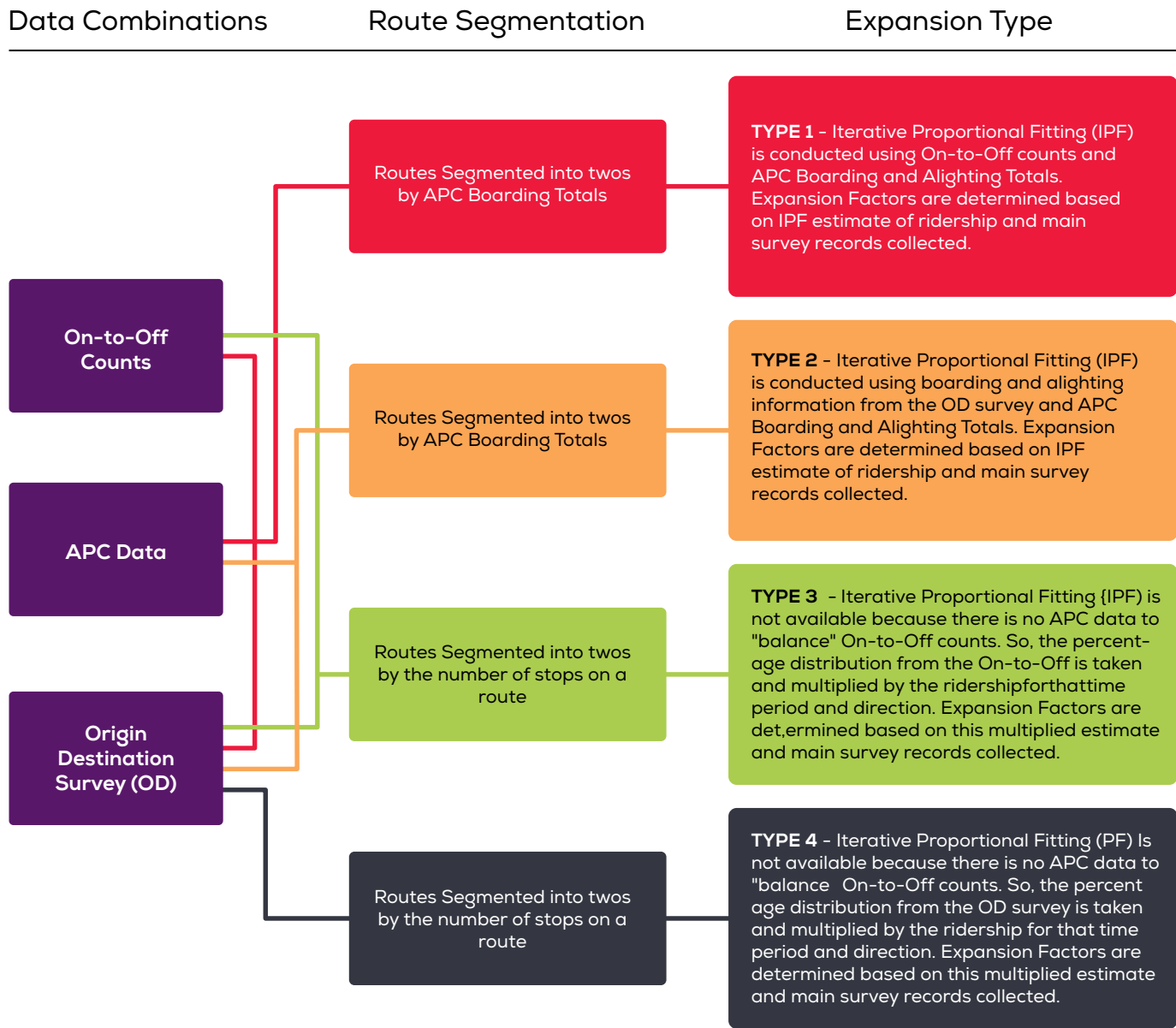
Segmentation with APC Example					
Direction: Eastbound	APC DATA		Segmentation		
Stops	Boardings	Alightings	Running Total of Boardings	Running Percentage of Total Boardings	Segment
Stop 1	35	0	35	23.0%	1
Stop 2	5	10	40	26.3%	1
Stop 3	4	5	44	28.9%	1
Stop 4	19	10	63	41.4%	1
Stop 5	12	12	75	49.3%	1
Stop 6	20	4	95	62.5%	2
Stop 7	20	4	115	75.7%	2
Stop 8	15	3	130	85.5%	2
Stop 9	15	5	145	95.4%	2
Stop 10	3	10	148	97.4%	2
Stop 11	2	15	150	98.7%	2
Stop 12	2	11	152	100.0%	2
Stop 13	0	10	152	100.0%	2
Stop 14	0	15	152	100.0%	2
Stop 15	0	38	152	100.0%	2
	152	152			

Types of Data Expansion

The type of data expansion conducted depended on the data available for the specific route. There were three types of data that created the combinations that guided the type of expansion used:

Stop-Level Ridership/APC Data (from VM), O2O counts data (collected by ETC), and OD Survey Data (collected by ETC). Figure 8 shows the data combinations, the corresponding route segmentation, and type of expansion used.

FIGURE 8: TYPES OF DATA EXPANSION

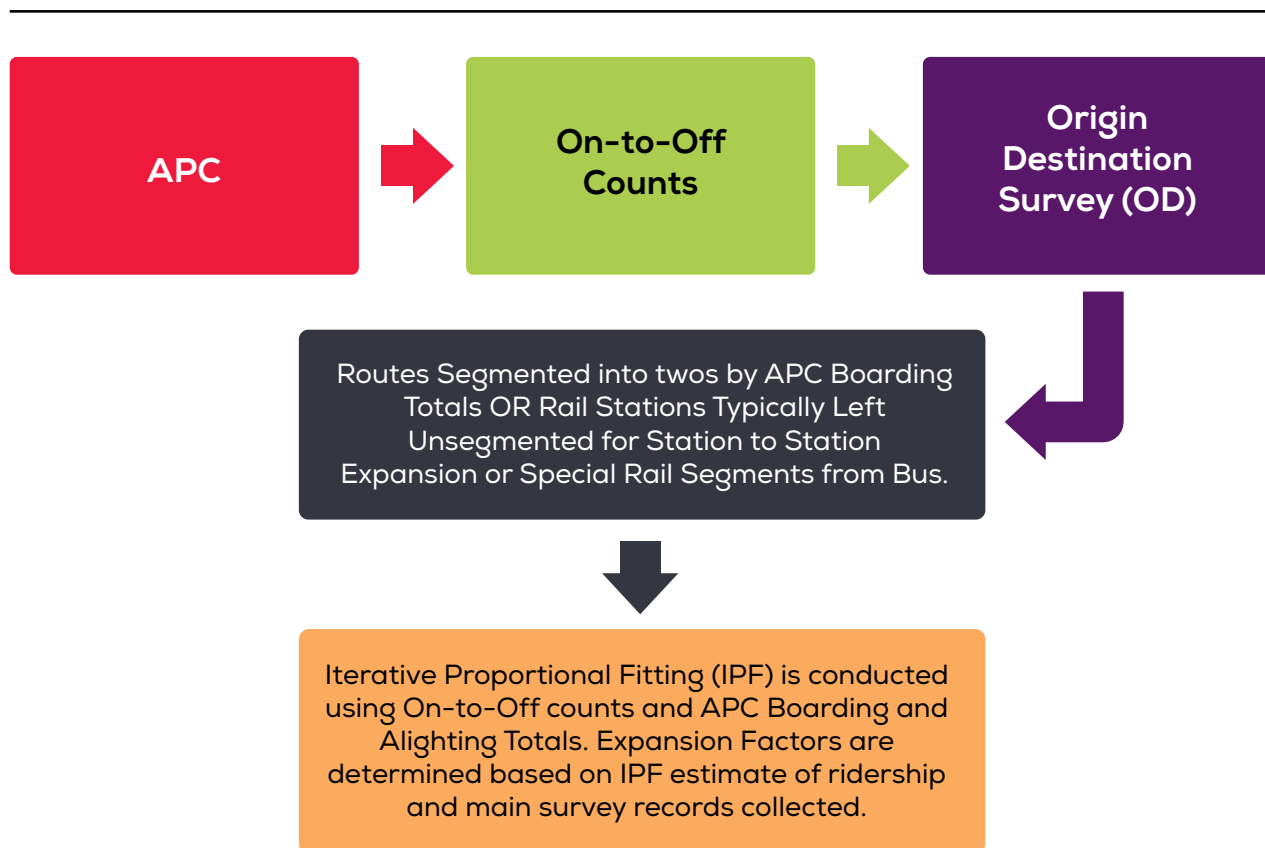


Type 1 Expansion: Rail Routes with APC Data, O2O Counts, and OD Survey Data

Of the four types of bus expansion discussed, Type 1 Expansion is the preferred method as it incorporates all three types of data that were available. Type 1 expansion was used for VM rail. The rail segments were then appended to both the O2O and OD data based on the boarding and alighting locations. Figure 9 explains the methodology for Type 1 expansion.

FIGURE 9: TYPE 1 EXPANSION/RAIL EXPANSION

Type 1 Expansion/Rail Expansion



The process for how the data was expanded in Type 1 Expansion is explained below.

Table 7 shows Table 1 expansion process, the segmented results for the O2O counts that were administered for a route, station/stop, direction, and time period. Each row in the table identifies the segment where passengers boarded the route. The columns in the table identify the segments where people alighted the route. Table 6 shows an example of the boarding and alighting segment location of the tables within the expansion process.

TABLE 6: TABLE EXAMPLE FOR BOARDING/ALIGHTING SEGMENT LOCATIONS

	Segment	Total	Alighting Segments	
			1	2
Boarding Segments	1	X	X	15
	2	X	X	X
	Total	X	X	X

For example, 15 of the O2O counts had riders board in segment 1 and alight in segment 2.

TABLE 7: RAIL DATA EXPANSION TABLE RESULTS OF O2O COUNTS

Route: Example Eastbound (6am-9am)		ACTUAL RIDERSHIP FROM ON/OFF SURVEY	
Segment	Total	1	2
1	20	5	15
2	25		25
Total	45	5	40

Table 8 shows the Table 2 expansion process, the distribution of the data in Table 7 [Table 1 Expansion Process] expressed as a percentage of all boardings for the specific time period and direction. Table 10 was created by dividing each O2O cell in Table 7 [Table 1 Expansion Process] by the sum of all O2O counts in Table 7 [Table 1 Expansion Process], which is 45. For example, 15/45 (33.3% of all trips boarded in segment 1 and alighted in segment 2 is shown in Table 8 [Table 2 Expansion Process].

TABLE 8: RAIL DATA EXPANSION TABLE DISTRIBUTION OF O2O COUNTS

Route: Example Eastbound (6am-9am)		PERCENTAGE OF THE DISTRIBUTION OF RIDERSHIP COUNTS FROM ON/OFF SURVEY	
Segment	Total	1	2
1	44.4%	11.1%	33.3%
2	55.6%		55.6%
Total	100.0%	11.1%	88.9%

The total ridership for the route, time period, and direction was applied to the O2O distribution percentages shown in Table 8 [Table 2 Expansion Process].

This produces an estimate of the ridership flow for the boarding segment to the alighting segment as shown in Table 9 [Table 3 Expansion Process]. Applying the actual ridership of 320, obtained from the APC data, creates an initial estimate of 107 trips (33.3% x 320) boarding in segment 1 and alighting in segment 2.

TABLE 9: RAIL DATA EXPANSION TABLE INITIAL ESTIMATE OF RIDERSHIP FLOWS BETWEEN SEGMENTS

(PERCENTAGES IN TABLE 8 WERE APPLIED TO THE TOTAL BOARDINGS FOR THIS TIME PERIOD FOR THIS DIRECTION)			
Route: Example Eastbound (6am-9am)		PROJECTED RIDERSHIP BASED ON THE ON/OFF SURVEY	
Segment	Total	1	2
1	142	36	107
2	178		178
Total	320	36	248

In order to develop a more accurate estimate of the ridership flows between segments on each route, ETC developed an IPF algorithm to balance the differences between the ridership projected from the O2O counts (shown in Table 9 [Table 3 Expansion Process]) and the APC ridership for each segment (shown in Table 10 [Table 4 Expansion Process]). The IPF process is described below.

TABLE 10: STOP-LEVEL RIDERSHIP/APC DATA

BOARDINGS AND ALIGHTINGS BY STATION			
Route: Example Eastbound (6am-9am)			
Average Weekday Ridership	Total	1	2
BOARDINGS	320	100	220
ALIGHTINGS	320	20	300
DIFFERENCE FROM PROJECTED			
BOARDINGS	0	-42	42
ALIGHTINGS	0	-16	16

Step 1: Correction for the Boardings. The estimated ridership from the O2O counts for each route (as shown in Table 10 [Table 4 Expansion Process]) was multiplied by the ratio of the actual boardings from Stop-Level Ridership/APC Data for each segment by the estimated boardings for each segment. For example, if the actual boardings for segment 1 were 120 and the estimated boardings were 100, each cell associated with segment 1 would have been multiplied by 1.2 (120/100) to adjust the estimated boardings to actual boardings.

Step 2: Correction for the Alightings. Once the correction in Step 1 was applied, the estimated boardings would be equal to the actual boardings. However, the adjustment to the boardings total may have changed the alighting estimates. To correct the alighting estimates, the new values calculated in Step 1 were adjusted by multiplying the ratio of the actual alightings from the Stop-Level Ridership/APC Data for each stop by the estimated alightings for each segment from Step 1. For example, if the actual alightings for segment 2 were 220 and the estimated alightings from Step 1 were 200, each cell associated with Segment 2 would have been multiplied by 1.1 (220/200) to adjust the estimated alightings from Step 1 to actual alightings.

The processes described in Steps 1 and Steps 2 were repeated sequentially until the difference between the actual and estimated boardings and alightings was zero. Table 11 [Table 5 Expansion Process] shows that after seven balancing iterations in this algorithm, there were no differences between the projected distribution and the actual boardings and alightings.

TABLE 11: ITERATIVE BALANCE PROCESS

4th STEP OF ITERATIVE BALANCING TO CORRECT DISTRIBUTION OF RIDERSHIP BY ALIGHTING LOCATION				
Stop Name	Total	DIFFERENCE FROM ACTUAL BOARDINGS	1	2
1	100	0	20	80
2	220	0	0	220
Total	320	0	20	300
DIFFERENCE FROM ACTUAL ALIGHTINGS	0		0	0

4th STEP OF ITERATIVE BALANCING TO CORRECT DISTRIBUTION OF RIDERSHIP BY ALIGHTING LOCATION				
Stop Name	Total	DIFFERENCE FROM ACTUAL BOARDINGS	1	2
1	100	0	20	80
2	220	0	0	220
Total	320	0	20	300
DIFFERENCE FROM ACTUAL ALIGHTINGS	0		0	0

The final estimate for ridership flows is shown in Table 12 [Table 6 Expansion Process].

TABLE 12: FINAL ESTIMATE OF RIDERSHIP FLOWS BETWEEN STATIONS

Route: Example Eastbound (6am-9am)			
Segment	Total	1	2
1	100	20	80
2	220		220
Total	320	20	300

The actual number of OD records completed for each boarding to alighting segment pair is shown in Table 9 [Table 3 Expansion Process]. To calculate the expansion factors, the final estimate of ridership between segments shown in Table 12 [Table 6 Expansion Process] was divided by the actual number of OD records collected, as shown in Table 13 [Table 7 Expansion Process]. This calculation produces the expansion factors shown in Table 14 [Table 8 Expansion Process]. For example, the 80 estimated riders projected to board in segment 1 and alight in segment 2 were divided by the 9 OD records to produce an expansion factor of 8.89 to be applied to records who board in segment 1 and alighting in segment 2 during the example Eastbound (6–9 a.m.) Time Period as shown in Table 14 [Table 8 Expansion Process].

TABLE 13: NUMBER OF COMPLETED SURVEYS

Route: Example Eastbound (6am-9am)			
Segment	Total	1	2
1	11	2	9
2	23		23
Total	34	2	32

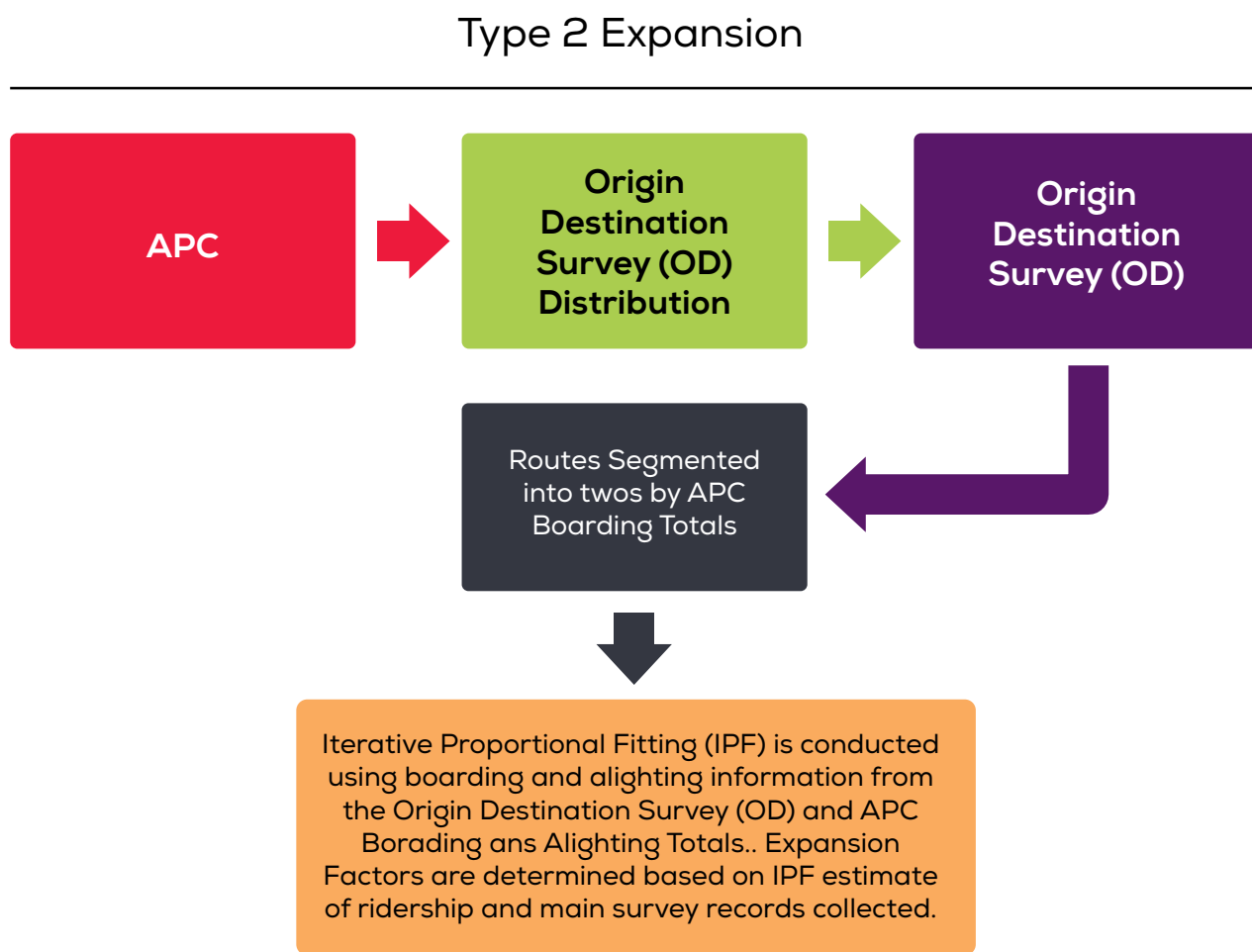
TABLE 14: WEIGHTING FACTORS

Route: Example Eastbound (6am-9am)			
Segment	Total	1	2
1	19	10.00	8.89
2	10		9.57
Total	28	10	18

Type 2 Expansion: Bus Routes with APC Data, OD Survey Data, but No O2O Counts Data

Bus routes with no O2O counts but with APC data were expanding with Type 2 expansion. This type of expansion also divided stops into two segments based on total boarding distribution by direction. These segments were then appended to the OD records based on the boarding and alighting locations. The expansion method is exactly like Type 1 expansion, the only difference being that the distribution of OD records was substituted for the O2O counts data. The VM Bus expansion was conducted this way. The figure below explains the methodology for Type 2 expansion.

FIGURE 10: TYPE 2 EXPANSION/RAIL EXPANSION



Type 3 Expansion: Bus Routes with O2O Counts and OD Survey Data, but without Stop-Level Ridership/APC Data

Expansion Type 3 is used for routes where O2O counts are collected but Stop-Level Ridership/APC Data is not available. Routes without Stop-Level Ridership/APC Data are segmented into three segments based on number of stops along a route. These segments were then appended to the O2O and OD Survey databases. The expansion method is less complex than the two previously discussed types of expansion. **Type 3 expansion was not used for this project.**

Type 4 Expansion: Bus Routes with OD Survey Data, without O2O Counts Data or Stop-Level Ridership/APC Data

For routes that only have OD Survey data, Type 4 expansion is used. These routes were expanded at the route level based on daily ridership reported by the agency.

Types of Data Expansion Breakdown

The table below shows the type of expansion used project routes. Appendix C contains a list containing each route and the type of expansion used.

TABLE 15: TYPES OF DATA EXPANSION

Expansion Type	Routes	(%) Route
EXPANSION #1	3	1.9%
EXPANSION #2	112	71.8%
EXPANSION #3	0	0.0%
EXPANSION #4	41	26.3%
Grand Total	156	100.0%

General Rule for Expansion Factors

While there are no specific guidelines for the expansion factor values, ETC tries to keep expansion factors below three times the average expansion factor. This adjustment is made to keep any one record from representing a markedly high number of riders in the system. The formula for determining this guideline is:

Guideline Weight Factor = 1/(Sampling percent) × 3

If the expansion factor for a boarding segment to alighting segment pair is greater than three times the average expansion factor, then it is aggregated into the adjacent boarding-to-alighting segment where it will have the least impact on the previously existing expansion factors. This guideline is used for all the expansion types.

Linked Trip Expansion Factors for All Records

The unlinked weight factor (unlinked passenger trips count each boarding as a separate trip regardless of transfers) matches the daily ridership on the system. The linked-trip expansion factor (transfers are included in the trip) helps to account for the number of transfers that were made by each passenger reducing the daily ridership because a single passenger can account for multiple unlinked ridership. Linked expansion factors are generated after the unlinked expansion factors are created. The equation to create the Multiplying Factor that is used to calculate the linked trip expansion factor is shown below:

Linked Trip Multiplying Factor = $[1/(1 + \# \text{ of transfers})]$

If a passenger did not make a transfer, the linked trip multiplying factor would be 1.0 because the person would have only boarded one vehicle. If a person made two transfers, the linked trip expansion factor would be 0.33 because the person would have boarded three transit vehicles during his/her one-way trip. An example of how the linked trip expansion factors were calculated is provided in Figure 11.

FIGURE 11: SAMPLE CALCULATIONS OF LINKED TRIP MULTIPLYING FACTORS

Number of Transfers	Calculation [1/(1+Number of Transfers)]	Linked Trip Multiplying Factor
0	[1/(1+0)]	1
1	[1/(1+1)]	0.5
2	[1/(1+2)]	0.33
3	[1/(1+3)]	0.25

Once the linked trip multiplier is created, it is multiplied by the unlinked expansion factor to create the linked expansion factor.

Decomposition Analysis

Decomposition analysis measures the overall representativeness of the survey records relative to linked and unlinked trips on an individual route basis. Self-enumeration surveys, the action of the completion of survey questionnaires by the respondents themselves, have historically suffered from substantial errors in route level boarding levels when linked trips were determined by simply dividing the boarding factor by one plus the number of transfers.

The advent of the personal interview conducted by a trained surveyor, coupled with tablet technology obtaining more accurate locations, and more effective management of interviewers to provide a superior distribution of riders has reduced this issue. The decomposition analysis examines each record and the recorded sequence of routes and tabulates boardings for each route using this information. After all records have been examined, total boardings by route are summarized and compared with the observed level of boardings. The result of this analysis will help to determine the relationship between observed and estimated boardings by route.



The decomposition analysis below and on the following pages shows the summed link factors for the routes on which the survey was conducted. The findings from the decomposition analysis show that the overall results for the on-board survey do an excellent job of representing the system. In fact, at the overall level, there is 0.00% difference between the total boardings calculated from the summed linked weight factors and the observed ridership. The routes that deviate the farthest from the summed linked factors compared to the observed counts are typically low volume ridership routes and therefore have a higher error of probability.

CHAPTER 4: SURVEY FINDINGS

This section highlights demographic and trip-related findings from the project. The results for all questions on the survey were compared using route type (bus only, rail only, and bus & rail). Two major categories of survey findings are presented: (1) rider profile and (2) trip profile.

Service Ridership

FIGURE 13: PERCENTAGE OF ROUTE TYPE RIDERSHIP

Ridership	Bus	VM Rail	Total
Average Weekday Ridership	90,045	27,865	117,910
Average Weekday Ridership %	76.37%	23.63%	100%

Rider Profile

Gender

The gender of riders by service type is presented in Table 16. Sixty-two percent (62.10%) of all transit passengers were male. Thirty-seven percent (37.24%) of all transit passengers were female. There were no significant differences with regard to gender based on the mode of travel. Interestingly male ridership increased from 56.94% in 2019 to 62.10% in 2023. Female ridership on the contrary decreased from 42.23% in 2019 to 37.24% in 2023.

TABLE 16: GENDER

What is your gender?	Bus Only	Bus/Rail	Rail Only	Grand Total
Female	37.7%	36.04%	36.43%	37.24%
Male	61.63%	62.99%	62.99%	62.10%
Non-binary/third gender	0.58%	0.88%	0.55%	0.60%
Other	0.03%	0.00%	0.00%	0.02%
Refused/No Answer	0.03%	0.08%	0.03%	0.03%
Grand Total	100.00%	100.00%	100.00%	100.00%

Age

Table 17 shows the age of transit rider by service type. Just shy of two-thirds of all transit riders indicated that they were between the ages of 19 and 44 (62.46%); 7.89% were 18 and younger, and 29.1% were 45 or older. Bus and rail passengers 45 years or older showed very little difference (28.79% bus only vs. 28.67% rail only). Rail users were more likely to be between the ages of 19-34 than bus passengers (47.06% rail only vs. 43.19% bus only).

TABLE 17: AGES OF TRANSIT USERS

What is your age?	Bus Only	Bus/Rail	Rail Only	Grand Total
Under 16	2.44%	1.22%	0.98%	1.96%
16-18	6.71%	4.13%	4.63%	5.93%
19-24	19.54%	18.83%	22.43%	20.17%
25-34	23.65%	23.89%	24.62%	23.91%
35-44	18.30%	19.72%	18.01%	18.38%
45-54	13.77%	14.76%	13.83%	13.89%
55-64	7.47%	9.92%	6.40%	7.47%
65+	7.54%	7.36%	8.44%	7.74%
Prefer not to answer	0.58%	0.17%	0.65%	0.55%
Grand Total	100.00%	100.00%	100.00%	100.00%

Race/Ethnicity

Table 18 shows the race/ethnicity of riders by service type. Thirty-nine percent (40.57%) of transit riders identified themselves as White (39.15% in 2019); 26.47% identified themselves as Hispanic/Latino (23.21% in 2019), and 22.44% identified themselves as Black/African American (21.60% in 2019). Bus passengers were more likely to be Hispanic/Latino than rail passengers (28.75% bus only vs. 21.61% rail only).

TABLE 18: RACE/ETHNICITY

Race/Ethnicity	Bus Only	Bus/Rail	Rail Only	Grand Total
American Indian/Alaskan Native	6.37%	7.21%	6.59%	6.51%
Asian	8.63%	4.65%	6.58%	7.71%
Black/African American	22.26%	27.29%	20.85%	22.44%
Hispanic/Latino	28.75%	23.59%	21.61%	26.47%
Native Hawaiian/Pacific Islander	0.85%	2.09%	0.80%	0.97%
White	38.33%	39.50%	46.97%	40.57%

Income

Total household income by service type is shown in Tables 19-20 below. Excluding refusals, nearly twenty eight percent (27.66%) of all transit passengers reported annual household incomes below \$15,000. This was a significant 10% increase from 2019 (17.66%). Twenty-three percent (23.34%) indicated they had an annual household income of \$50,000 or more (25.40% in 2019), and only 3.70% (3.40% in 2019) reported an annual household income of \$100,000 or more.

TABLE 19: ANNUAL HOUSEHOLD INCOME

Annual Household Income	Bus Only	Bus/Rail	Rail Only	Grand Total
Below \$5,000	15.23%	11.29%	9.87%	13.51%
\$5,000 - \$9,999	3.84%	3.23%	3.46%	3.69%
\$10,000 - \$14,999	3.78%	5.49%	4.10%	4.04%
\$15,000 - \$19,999	3.86%	4.07%	3.80%	3.87%
\$20,000 - \$24,999	5.68%	5.42%	6.68%	5.90%
\$25,000 - \$29,999	6.22%	6.12%	7.52%	6.53%
\$30,000 - \$34,999	7.07%	10.46%	8.70%	7.82%
\$35,000 - \$39,999	6.10%	9.05%	6.56%	6.52%
\$40,000 - \$49,999	6.62%	7.88%	7.57%	6.98%
\$50,000 - \$59,999	6.77%	7.13%	5.74%	6.56%
\$60,000 - \$69,999	3.65%	4.26%	3.98%	3.80%
\$70,000 - \$79,999	2.04%	2.53%	2.75%	2.27%
\$80,000 - \$89,999	1.33%	1.79%	1.76%	1.48%
\$90,000 - \$99,999	0.78%	0.98%	1.51%	0.98%
\$100,000 - \$119,999	0.93%	1.23%	1.97%	1.21%
\$120,000 or more	1.29%	1.66%	2.52%	1.63%
Refused/No Answer	24.82%	17.41%	21.50%	23.23%
Grand Total	100.00%	100.00%	100.00%	100.00%

TABLE 20: ANNUAL HOUSEHOLD INCOME (EXCLUDING REFUSALS)

Annual Household Income	Bus Only	Bus/Rail	Rail Only	Grand Total
Below \$5,000	20.26%	13.66%	12.57%	17.59%
\$5,000 - \$9,999	5.11%	3.91%	4.41%	4.80%
\$10,000 - \$14,999	5.03%	6.65%	5.22%	5.26%
\$15,000 - \$19,999	5.13%	4.93%	4.84%	5.04%
\$20,000 - \$24,999	7.55%	6.57%	8.51%	7.68%
\$25,000 - \$29,999	8.27%	7.41%	9.58%	8.50%
\$30,000 - \$34,999	9.40%	12.67%	11.08%	10.19%
\$35,000 - \$39,999	8.11%	10.95%	8.36%	8.49%
\$40,000 - \$49,999	8.80%	9.54%	9.65%	9.10%
\$50,000 - \$59,999	9.01%	8.63%	7.31%	8.54%
\$60,000 - \$69,999	4.86%	5.15%	5.08%	4.94%
\$70,000 - \$79,999	2.71%	3.07%	3.51%	2.95%
\$80,000 - \$89,999	1.76%	2.16%	2.24%	1.93%
\$90,000 - \$99,999	1.03%	1.18%	1.93%	1.27%
\$100,000 - \$119,999	1.23%	1.50%	2.51%	1.58%
\$120,000 or more	1.71%	2.01%	3.21%	2.12%
Grand Total	100.00%	100.00%	100.00%	100.00%

Household Size

Table 21 shows the number of household members. Sixteen percent (16.59%) of all transit passengers indicated that they live in households with at least four occupants, which is nearly identical to 2019 (16.37%). In 2023 24.83% of all transit passengers reported that they live alone vs 21.74% in 2019. Bus passengers were slightly more likely to live in households with four or more occupants than rail passengers (32.18% bus only vs. 30.59% rail only). This trend has remained consistent since 2019 (31.56% bus only vs. 26.03% rail only).

TABLE 21: HOUSEHOLD SIZE

Including YOU, how many people live in your household?	Bus Only	Bus/Rail	Rail Only	Grand Total
One (1)	23.91%	27.80%	26.00%	24.83%
Two (2)	22.31%	23.02%	24.79%	22.99%
Three (3)	21.60%	21.03%	18.61%	20.81%
Four (4)	17.23%	14.00%	16.01%	16.59%
Five (5)	8.15%	6.63%	7.84%	7.91%
Six (6)	3.75%	3.28%	3.47%	3.63%
Seven (7)	1.42%	1.36%	1.24%	1.37%
Eight (8)	0.67%	1.23%	0.59%	0.71%
Nine (9)	0.20%	0.43%	0.35%	0.26%
Ten or More (10+)	0.76%	1.22%	1.10%	0.89%
Grand Total	100.00%	100.00%	100.00%	100.00%

Employed Persons per Household

Table 22 shows the number of employed household members by service type. Almost one third (31.34%) of transit passengers reported that they live in households where at least one person is employed. In 2019, 30.33% of transit passengers reported they lived in households with at least one employed person.

TABLE 22: NUMBER OF EMPLOYED PERSONS IN THE HOUSEHOLD

Including YOU, how many adults (age 16 and older) in your household are employed full or part time?	Bus Only	Bus/Rail	Rail Only	Grand Total
None (0)	13.88%	12.78%	13.42%	13.65%
One (1)	31.18%	33.72%	30.76%	31.34%
Two (2)	32.22%	33.24%	31.42%	32.13%
Three (3)	14.52%	12.52%	13.92%	14.16%
Four (4)	5.61%	5.38%	7.11%	5.95%
Five (5)	1.27%	0.92%	1.69%	1.34%
Six (6)	0.58%	0.26%	0.38%	0.50%
Seven (7)	0.15%	0.18%	0.16%	0.16%
Eight (8)	0.19%	0.05%	0.45%	0.24%
Nine (9)	0.08%	0.29%	0.08%	0.11%
Ten or More (10+)	0.31%	0.65%	0.62%	0.42%
Grand Total	100.00%	100.00%	100.00%	100.00%

Employment Status

Table 23 shows the employment status of riders by service type. Fifty-four percent (54.42%) of all transit passengers indicated that they were employed full time. In 2019, 61.64% of passengers were employed full-time. Rail passengers were slightly more likely to be employed either part-time or full-time than bus only passengers (72.52% rail only vs. 71.44% bus only). On the contrary, rail passengers from 2019 were less likely to be employed either part- or full-time (73.89% rail only vs. 75.30% bus only).

TABLE 23: EMPLOYMENT STATUS

What is your employment status? (Check the one response that BEST describes you)	Bus Only	Bus/Rail	Rail Only	Grand Total
Employed full-time (at least 35 hours/week)	54.13%	58.66%	53.39%	54.42%
Employed part-time (less than 35 hours/week)	17.31%	15.71%	19.12%	17.59%
Not currently employed, and not seeking work	13.53%	8.15%	10.37%	12.19%
Not currently employed, but seeking work	8.66%	11.08%	10.58%	9.38%
Retired	5.58%	6.02%	5.81%	5.69%
Stay-at-home spouse/partner	0.79%	0.38%	0.73%	0.73%
Grand Total	100.00%	100.00%	100.00%	100.00%

Student Status

Table 24 shows the student status of riders by service type. Twenty-two percent (22.12%) of all transit passengers indicated that they were a student of some type vs. 17.38% in 2019. There was not a noticeable difference in the student statuses of bus and rail passengers (22.31% rail only vs. 22.87% bus only).

TABLE 24: STUDENT STATUS

Are you a student? (Check the one response that BEST describes you)	Bus Only	Bus/Rail	Rail Only	Grand Total
Not a student	77.13%	82.96%	77.69%	77.88%
Yes – Full-time College/University	12.35%	8.28%	14.65%	12.49%
Yes – K-12th grade	7.51%	4.47%	4.32%	6.41%
Yes – Part-time College/University	2.53%	3.79%	2.69%	2.70%
Yes – Vocational/Technical/Trade School	0.33%	0.40%	0.45%	0.37%
Yes – Other	0.16%	0.10%	0.19%	0.16%
Grand Total	100.00%	100.00%	100.00%	100.00%

Vehicle Availability

Table 25-26 shows the number of household vehicles for Valley Metro riders by service type. Fifty-four percent (54.82%) of all transit passengers indicated that they do not have a vehicle available to their household, which is over a 3% increase from 2019 (51.09%). Today’s rail only passengers (27.99%) were more likely to have at least one vehicle available to their household than bus only passengers (24.63%). This is a notable difference as compared to 2019 household vehicles per service type (36.10% rail only vs. 27.57% bus only). Table 26 shows the number of vehicles available for use for their one-way trip. As in 2019 (57.89% rail only vs. 31.76% bus only), rail passengers are more likely to have their vehicle available to use for their one-way trip compared to bus only passengers (49.29% rail only vs. 31.61% bus only).

TABLE 25: NUMBER OF VEHICLES IN THE HOUSEHOLD (WEEKDAY)

How many working vehicles (cars, trucks or motorcycles) are available to your household?	Bus Only	Bus/Rail	Rail Only	Grand Total
None (0)	55.96%	57.97%	50.47%	54.82%
One (1)	24.63%	25.33%	27.99%	25.53%
Two (2)	13.94%	12.21%	15.66%	14.18%
Three (3)	4.01%	3.21%	4.06%	3.94%
Four (4)	0.89%	0.61%	1.21%	0.94%
Five (5)	0.34%	0.25%	0.37%	0.34%
Six (6)	0.14%	0.13%	0.13%	0.13%
Seven (7)	0.04%	0.11%	0.07%	0.06%
Eight (8)	0.01%	0.05%	0.00%	0.01%
Nine (9)	0.02%	0.00%	0.00%	0.01%
Ten or More (10+)	0.02%	0.14%	0.03%	0.04%
Grand Total	100.00%	100.00%	100.00%	100.00%

TABLE 26: VEHICLE AVAILABILITY

Could you have used one of these vehicles for this trip?	Bus Only	Bus/Rail	Rail Only	Grand Total
No	68.39%	59.14%	50.71%	62.75%
Yes	31.61%	40.86%	49.29%	37.25%
Grand Total	100.00%	100.00%	100.00%	100.00%

NOTES: RIDERS INDICATED THEY HAVE AT LEAST ONE WORKING VEHICLE IN THE HOUSEHOLD.

Driver’s License

Table 27 displays whether riders have a valid driver’s license by service type. More than half (51.05%) of all transit passengers indicated that they do have a driver’s license, which is a noticeable 6% drop from 2019 (57.44%). Rail passengers were more likely to have a driver’s license than bus passengers (57.61% rail only vs. 48.20% bus only).

TABLE 27: DRIVER’S LICENSE STATUS

Do you have a valid driver’s license?	Bus Only	Bus/Rail	Rail Only	Grand Total
No	51.80%	46.52%	42.39%	48.95%
Yes	48.20%	53.48%	57.61%	51.05%
Grand Total	100.00%	100.00%	100.00%	100.00%

Veterans Status

Table 28 shows passenger’s veteran status by service type. Five percent (5.26%) of all transit passengers indicated they are veterans; a 3% drop from 2019 (8.88%). There is no significant difference between rail passengers and bus passengers.

TABLE 28: VETERANS STATUS

Are you a United States Veteran?	Bus Only	Bus/Rail	Rail Only	Grand Total
No	94.83%	94.59%	94.57%	94.74%
Yes	5.17%	5.41%	5.43%	5.26%
Grand Total	100.00%	100.00%	100.00%	100.00%

Resident or Visitor

Table 29 shows whether the respondent is a resident or a visitor to the area by service type. Ninety-seven percent (97.35%) of all transit passengers indicated that they are local residents. Visitors were significantly more likely to use rail than bus (5.46% rail only vs. 1.46% bus only). None of these cells changed by a full percentage from 2019.

TABLE 29: RESIDENT OR VISITOR

Resident or Visitor	Bus Only	Bus/Rail	Rail Only	Grand Total
Resident	98.54%	96.56%	94.54%	97.35%
Visitor	1.46%	3.44%	5.46%	2.65%
Grand Total	100.00%	100.00%	100.00%	100.00%

How Transit Riders Typically Get Transit Schedule Information

Table 30 shows the preferred tools for transit schedules by service type. The most common ways that all transit riders indicated that they get transit schedule information were: Other mobile apps (Google Maps, Transit) (33.02%), the VM App (21.44%) and the Valley Metro website (mobile device) (14.1%). Bus passengers were more likely to use the VM App than rail passengers (22.4% bus only vs. 18.02% rail only). Rail passengers were more likely to use the Valley Metro website (mobile device) (15.55% rail only vs. 13.52% bus only). While Other mobile apps was still the highest selected choice, it decreased by over 2% (35.24%) from the 2019 study. VM Mobile App (21.44%) was 12.05% higher than Ridekick Mobile App (9.39%) from the 2019 study.

TABLE 30: HOW TRANSIT RIDERS GET TRANSIT SCHEDULE INFORMATION

Source of Information	Bus Only	Bus/Rail	Rail Only	Grand Total
Other mobile apps (Google Maps, Transit)	33.24%	30.59%	33.49%	33.02%
Valley Metro Mobile App	22.44%	23.22%	18.02%	21.44%
Did not do any trip planning	15.44%	14.46%	15.89%	15.45%
Valley Metro website (Mobile device)	13.52%	14.34%	15.55%	14.10%
Call customer service	4.67%	5.16%	3.50%	4.43%
Valley Metro website (Computer)	3.75%	5.32%	5.49%	4.34%
Posted schedule at bus stop/station	3.46%	2.30%	2.59%	3.13%
Text NextRide	2.12%	2.43%	3.56%	2.51%
Other	1.11%	1.94%	1.54%	1.30%
Valley Metro Instagram	0.10%	0.17%	0.20%	0.13%
Valley Metro Facebook	0.08%	0.06%	0.07%	0.07%
Valley Metro Twitter	0.08%	0.00%	0.08%	0.07%
Grand Total	100.00%	100.00%	100.00%	100.00%

Disabilities

Table 31 shows the percentage by route type of riders that stated they had a disability. Eighty-eight per cent (87.82%) of respondents indicated that they have a disability. This was relatively even between bus and rail passengers.

TABLE 31: PERCENTAGE OF RIDERS WITH A DISABILITY

Source of Information	Bus Only	Bus/Rail	Rail Only	Grand Total
No	87.75%	87.66%	88.08%	87.82%
Yes	10.57%	10.68%	10.02%	10.45%
Prefer not to answer	1.68%	1.66%	1.90%	1.73%
Grand Total	100.00%	100.00%	100.00%	100.00%

Trip Profile

Trip Purpose

Table 32 displays the trip purpose of riders by agency service types. Home-based work trips accounted for nearly eighteen percent (17.78%) of all trips completed on public transit compared to 21.75% in 2019. 7.11% of trips were home-based school trips (college or K-12). 54.25% of trips were non-home based compared to 55.55% in 2019.

Rail passengers were more likely to complete home-based college trips than bus passengers (5.98% rail only vs. 4.13% bus only). Bus passengers were significantly more likely to use public transit to complete home-based work trips (19.08% bus only vs. 13.78% rail only).

TABLE 32: TRIP PURPOSE

Trip Purpose	Bus Only	Bus/Rail	Rail Only	Grand Total
Home to Your usual WORKPLACE	19.08%	19.04%	13.78%	17.78%
Home to Personal business (bank, post office)	6.47%	4.90%	3.35%	5.54%
Home to Shopping	5.58%	2.95%	5.59%	5.31%
Home to Recreation/Social (movies, sports, park, gym, etc.)	4.58%	6.47%	6.07%	5.14%
Home to College/University (students only)	4.13%	3.01%	5.98%	4.46%
Home to School (K-12) (students only)	3.01%	1.62%	2.10%	2.64%
Home to Eating/Dining Out	1.91%	0.86%	2.16%	1.86%
Home to Medical appointment/doctor's visit	1.64%	1.88%	1.50%	1.63%
Home to Other work related	0.64%	0.55%	0.63%	0.63%
Home to Airport (as an air passenger)	0.07%	0.88%	1.06%	0.40%
Home to Pick up/Drop off someone (daycare, school)	0.40%	0.24%	0.13%	0.32%
Home to Hotel (visitors only)	0.00%	0.12%	0.02%	0.01%
Home to Other	0.01%	0.00%	0.02%	0.01%
Non-Home based trips	52.48%	57.45%	57.59%	54.25%
Grand Total	100.00%	100.00%	100.00%	100.00%

How Passengers Access Public Transit

How passengers first access public transit for their one-way trip by service type is shown in Table 33. Most (90.39%) transit passengers indicated that they accessed public transit by walking all the way compared to 86.41% in 2019. Bus passengers were significantly more likely to report walking to public transit than rail passengers (91.85% bus only vs. 83.82% rail only). Rail passengers were slightly more likely than bus passengers to access public transit by driving alone and parking (2.49% rail only vs. 1.20% bus only). Rail passengers were significantly more likely to ride their bike (6.89% rail only vs. 3.30% bus only), but this is significantly lower than bike to rail in 2019 (13.77%). Rail passengers were also significantly more likely to use Bike Share (.29% rail only vs. .05% bus only).

TABLE 33: ACCESS MODE TO TRANSIT SYSTEM

Access Mode	Bus Only	Bus/Rail	Rail Only	Grand Total
Walked all the way	91.85%	96.65%	83.82%	90.39%
Rode bike (your own)	3.30%	0.97%	6.89%	3.94%
Was dropped off by someone (not a paid service)	1.75%	0.97%	6.89%	3.94%
Drove alone and parked	1.20%	0.28%	2.49%	1.42%
Electric scooter (your own)	0.72%	0.00%	1.14%	0.75%
Wheelchair/Mobility scooter	0.61%	0.42%	0.33%	0.52%
Use Uber, Lyft, Waymo, taxi or similar service	0.24%	0.19%	0.94%	0.41%
Drove or rode with others and parked	0.05%	0.16%	0.75%	0.23%
On-Demand Transit	0.13%	0.21%	0.23%	0.16%
Rode bike (shared)	0.05%	0.02%	0.29%	0.10%
Electric scooter (shared)	0.05%	0.01%	0.20%	0.08%
Other	0.03%	0.05%	0.04%	0.04%
Took a Dial-a-Ride or Paratransit service	0.02%	0.07%	0.06%	0.03%
Grand Total	100.00%	100.00%	100.00%	100.00%

How Passengers Traveled from Transit to Their Final Destination

Table 34 shows how passengers traveled from public transit to their final destination. The majority of transit passengers (90.84%) indicated that they walk all the way to their final destination after using public transit. This increased from 87.12% in 2019. Bus passengers were more likely to walk than rail passengers (92.43% bus only vs. 83.72% rail only). Rail passengers were more likely than bus passengers to drive alone to their destination (2.06% rail only vs. .82% bus only). Rail passengers were also more likely to be picked up by someone else (2.61% rail only vs. 1.30% bus only).

TABLE 34: EGRESS MODE TO DESTINATION

Egress Mode	Bus Only	Bus/Rail	Rail Only	Grand Total
Walked all the way	92.43%	97.60%	83.72%	90.84%
Rode bike (your own)	3.30%	0.84%	7.00%	3.95%
Was dropped off by someone (not a paid service)	1.30%	0.57%	2.61%	1.54%
Drove alone and parked	0.82%	0.23%	2.06%	1.06%
Electric scooter (your own)	0.69%	0.00%	1.15%	0.73%
Wheelchair/Mobility scooter	0.65%	0.42%	0.32%	0.54%
Use Uber, Lyft, Waymo, taxi or similar service	0.26%	0.05%	1.28%	0.49%
Drove or rode with others and parked	0.09%	0.11%	0.88%	0.29%
On-Demand Transit	0.16%	0.14%	0.31%	0.19%
Rode bike (shared)	0.14%	0.02%	0.28%	0.16%
Electric scooter (shared)	0.12%	0.01%	0.29%	0.15%
Other	0.02%	0.00%	0.07%	0.03%
Took a Dial-a-Ride or Paratransit service	0.03%	0.00%	0.03%	0.03%
Grand Total	100.00%	100.00%	100.00%	100.00%

Transfers

Table 35 shows the number of transfers used by service type. More than thirty percent (35.35%) of public transit users made at least one transfer during their trip. More than eleven percent (11.31%) made two or more transfers. Passengers who used both bus and rail were significantly more likely to make two or more transfers during their trip compared to bus-only users (29.20% bus/rail vs. 9.16% bus only). Passengers in 2023 were slightly more likely (46.66%) to make at least one transfer than in 2019 (45.83%).

TABLE 35: TOTAL TRANSFERS

Number of Transfers	Bus Only	Bus/Rail	Rail Only	Grand Total
None	55.67%	0.00%	100.00%	53.34%
One	35.17%	70.80%	0.00%	35.35%
Two	8.03%	24.83%	0.00%	9.76%
Three or More	1.13%	4.37%	0.00%	1.55%
Grand Total	100.00%	100.00%	100.00%	100.00%

Type of Pass

The Table 36 illustrates the pass type by service type. Seventy percent (70.73%) of public transit users pay the regular/full fare. Nearly five percent (4.88%) used an Express/RAPID pass. Rail passengers were more likely to pay regular/full fare compared to bus only users (77.61% rail only vs. 67.30% bus only).

TABLE 36: PASS TYPE

Fare Type	Bus Only	Bus/Rail	Rail Only	Grand Total
Regular/Full Fare	67.30%	75.96%	77.61%	70.73%
None	12.16%	4.60%	3.35%	9.21%
Senior 65+	4.82%	5.48%	5.86%	5.14%
Express/RAPID	4.83%	5.57%	4.72%	4.88%
Ages 6-18	4.42%	1.87%	1.94%	3.55%
Special Event Fare	3.05%	2.56%	3.67%	3.15%
Person with Disabilities	2.44%	2.59%	1.89%	2.32%
Medicare cardholder	0.97%	1.38%	0.97%	1.01%
Grand Total	100.00%	100.00%	100.00%	100.00%

APPENDIX A: SURVEY INSTRUMENT

We're doing a quick survey on transit services in the PHOENIX area. Do you mind if I ask you some questions about the trip you are making?

Survey data helps transit providers plan and provide bus service fairly for all customers, without regard to race, color, national origin, income, and language spoken or ability to speak English.

Yes I can participate in the survey (have 5 min+)

Yes (but no time for full survey)

No (refused)

No (but OK to send link to Self-Administered Version of Survey)

Do not speak the interviewer's language

No (rider indicates homelessness or appears to be experiencing homelessness)

THIS ROUTE: 70 24TH ST/GLENDALE AVE WB (TOWARD GLENDALE PNR OR LUKE AFB LIGHTNING GATE)

Exit & Clear

Previous

Next

Q. Select your language • Selecciona su idioma • Néididoo'ááł bizaad • Seleziona o seu idioma • 选择您的语言 • 選擇你的語言 • Chwazi lang ou • Seleziona la tua lingua • اختر لغتك • Sélectionnez votre langue • ជ្រើស ភាសា របស់ អ្នក • Chọn ngôn ngữ của bạn

ESPAÑOL (SPANISH)

العربية (ARABIC)

Diné bizaad (NAVAJO)

Français (FRENCH)

Portuguese (PORTUGUESE)

ខ្មែរ (KHMER)

廣東話 (CHINESE - CANTONESE)

Tiếng Việt (VIETNAMESE)

普通话 (CHINESE - MANDARIN)

REFUSED

KREYOL AYISYEN (HAITIAN CREOLE)

Other:

Italiano (ITALIAN)

THIS ROUTE: 70 24TH ST/GLENDALE AVE WB (TOWARD GLENDALE PNR OR LUKE AFB LIGHTNING GATE)

Exit & Clear

Save & Exit

Previous

Next

Q. Estamos haciendo una breve encuesta para Valley Metro transit para ayudar a planificar mejoras en el transporte. ¿Desea realizar la encuesta por teléfono más tarde?

We're doing a short survey for Valley Metro transit today in order to help plan transportation improvements. Would you like do the survey over the phone later?

Telefono (PHONE)

Sí, quisiera responder la encuesta en papel en ESPAÑOL (YES, PAPER SURVEY)

Sí, quisiera responder la encuesta en línea. (YES, ONLINE SURVEY)

No acepta hacer la encuesta (NO, DOES NOT WISH TO DO THE SURVEY)

THIS ROUTE: 70 24TH ST/GLENDALE AVE WB (TOWARD GLENDALE PNR OR LUKE AFB LIGHTNING GATE)

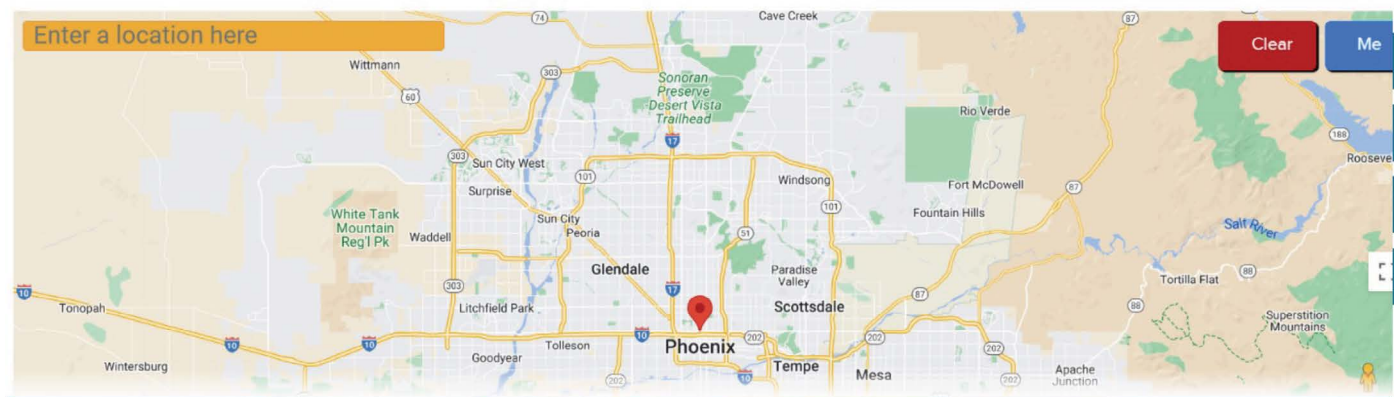
Exit & Clear Save & Exit Previous Next

Q. What is your home address? (please be specific, ex: 123 W Main St)
 (If you are visiting the Phoenix area, please list the *hotel name* or address where you are staying)

Homeless Homeless

-

Enter a location here



Clear Me

Exit & Clear Save & Exit Previous Next

Q. What type of place are you **COMING FROM NOW?** (the starting place for your one-way trip)

Your usual WORKPLACE	Personal business (bank, post office)
Other work related	Pick up / Drop off someone (daycare, school)
Your HOME	Shopping
College / University (students only)	Eating / Dining Out
School (K-12) (students only)	Hotel (visitors only)
Airport (as an air passenger)	Other: <input type="text"/>
Recreation / Social (movies, sports, park, gym, etc.)	

Q. How many buses/trains did you travel on BEFORE you boarded [**70 24th St/Glendale Ave WB (Toward Glendale PNR or Luke AFB Lightning Gate)**] since leaving [**Your usual WORKPLACE**]?

(0) None	(1) One	(2) Two	(3) Three	(4+) Four or more
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Q. Which bus or train did you board FIRST on this one-way trip?

(Type XX for routes other than listed)

Other: Clear

Q. Which bus or train did you board SECOND on this one-way trip?

(Type XX for routes other than listed)

Other: Clear

Exit & Clear	Save & Exit	Previous	Next
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Q. How did you GET FROM your origin [Your usual WORKPLACE] TO [59 59th Ave] on this one- way trip?

Walked all the way	On-Demand Transit
Rode Bike (Your own)	Took a Dial-a-Ride or Paratransit service
Rode Bike (Shared)	Was dropped off by someone (not a paid service)
Electric scooter (Your own)	Drove alone and parked
Electric scooter (Shared)	Drove or rode with others and parked
Wheelchair / Mobility Scooter	Other (skateboard, private/courtesy shuttle, etc): <input type="text"/>
Use Uber, Lyft, Waymo, taxi or similar service	

Q. How far did you walk? (in minutes)

1	6	11	16-20
2	7	12	21-25
3	8	13	26-30
4	9	14	Greater than 30
5	10	15	

Exit & Clear	Save & Exit	Previous	Next
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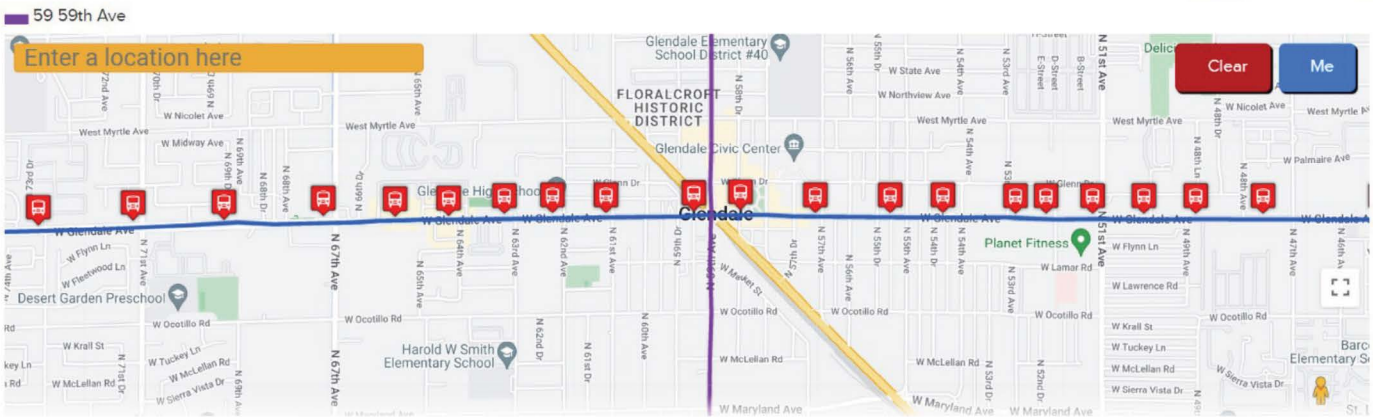
Q. What type of place are you **GOING TO NOW?** (the ending_place for your one-way trip)

Other work related	Personal business (bank, post office)
Your HOME	Pick up / Drop off someone (daycare, school)
College / University (students only)	Shopping
School (K-12) (students only)	Eating / Dining Out
Airport (as an air passenger)	Hotel (visitors only)
Recreation / Social (movies, sports, park, gym, etc.)	Non-destination Trip
Medical appointment / doctor's visit	Other: <input type="text"/>

THIS ROUTE: 70 24TH ST/GLENDALE AVE WB (TOWARD GLENDALE PNR OR LUKE AFB LIGHTNING GATE)
Exit & Clear
Save & Exit
Previous
Next

Q. Where did you **GET ON** [70 24th St/Glendale Ave WB (Toward Glendale PNR or Luke AFB Lightning Gate)] for this one-way trip?

User Stop



Q. How many buses/trains will you ride AFTER you get off [70 24th St/Glendale Ave WB (Toward Glendale PNR or Luke AFB Lightning Gate)] on your way to [Your HOME]?

(0) None	(1) One	(2) Two	(3) Three	(4+) Four or more
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Q. Which bus or train will you board NEXT on this one-way trip?

(Type XX for routes other than listed)

Other : Clear

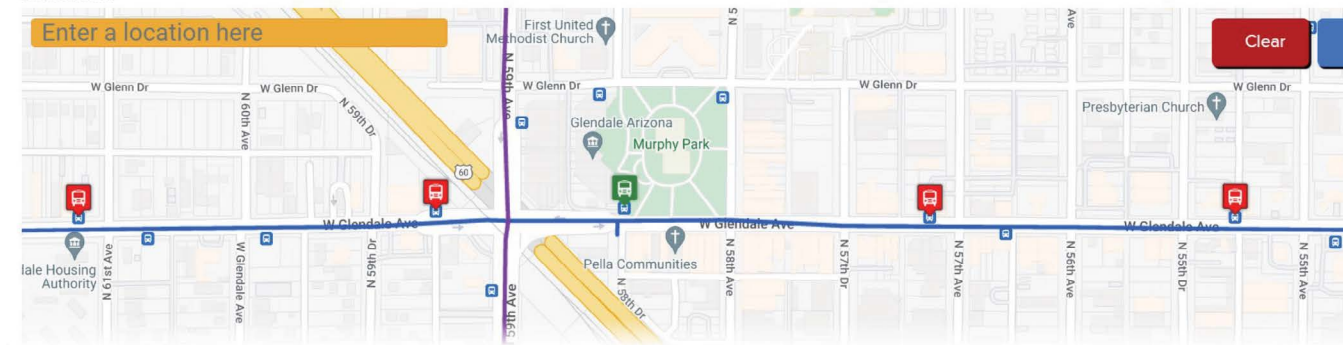
Q. Where did you GET ON [70 24th St/Glendale Ave WB (Toward Glendale PNR or Luke AFB Lightning Gate)] for this one-trip?

User S

Glendale Av & 59th Av

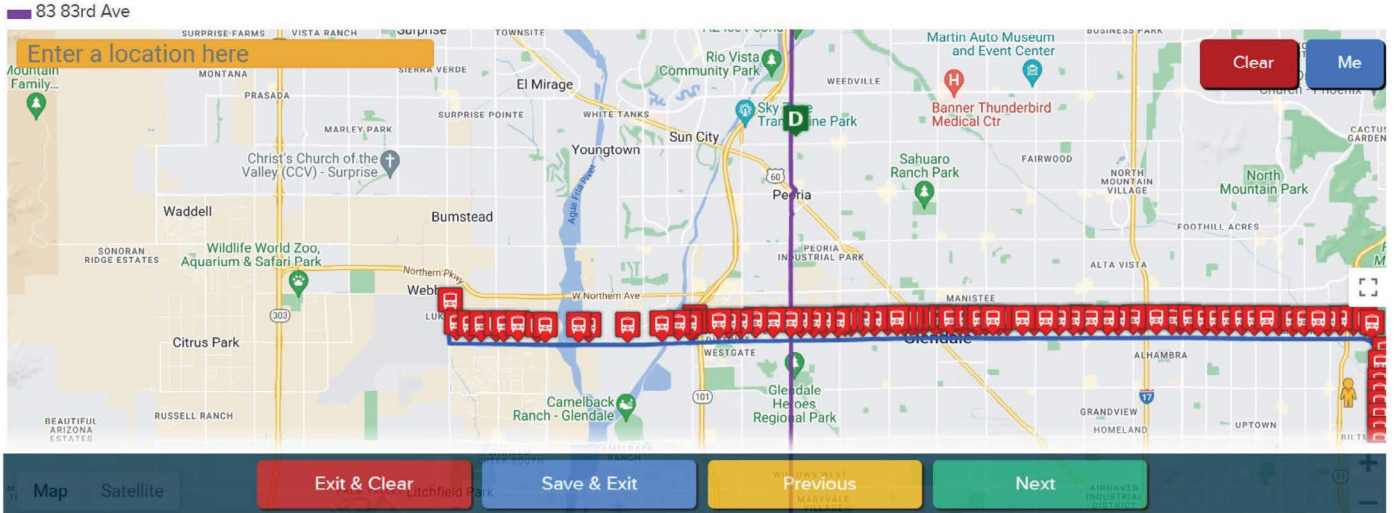
59 59th Ave
Distance: 0.9mi

Enter a location here



Exit & Clear Save & Exit Previous Next

Q. Where will you GET OFF [70 24th St/Glendale Ave WB (Toward Glendale PNR or Luke AFB Lightning Gate)] on this one-way trip?

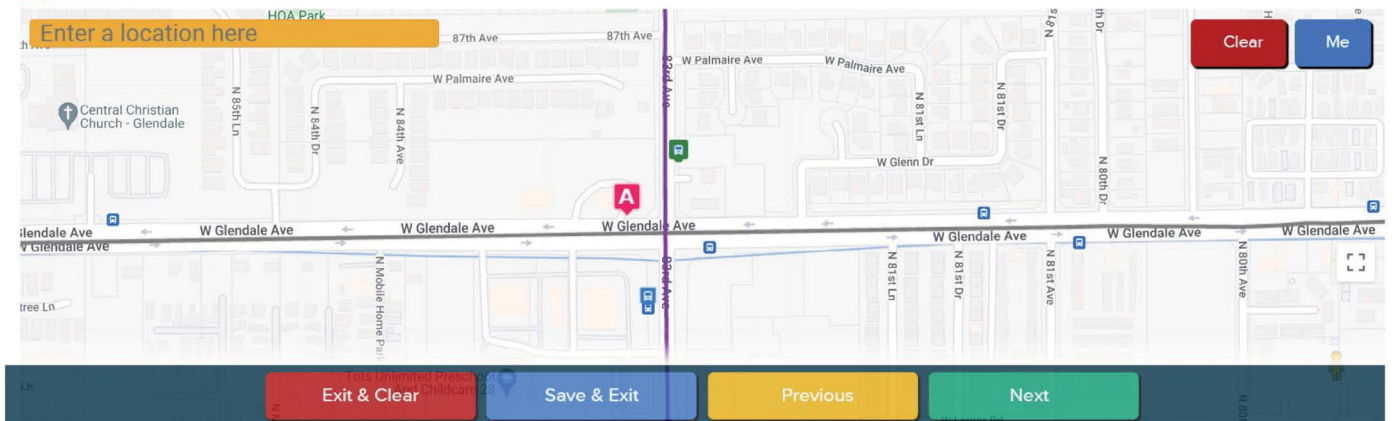
 User Stop


Q. Where will you GET ON [83 83rd Ave] on this one-way trip? (at which bus stop, rail station, nearest intersection, or nearby landmark)

 User Stop

83rd Av & Glendale Av

70 24th St/Glendale Ave WB (Toward Glendale PNR or Luke AFB Lightning Gate)
 83 83rd Ave



Q. What time did you BOARD this bus? [70 24th St/Glendale Ave WB (Toward Glendale PNR or Luke AFB Lightning Gate)]

Before 6:00 am	2:00 pm - 2:59 pm
6:00 am - 6:59 am	3:00 pm - 3:59 pm
7:00 am - 7:59 am	4:00 pm - 4:59 pm
8:00 am - 8:59 am	5:00 pm - 5:59 pm
9:00 am - 9:59 am	6:00 pm - 6:59 pm
10:00 am - 10:59 am	7:00 pm - 7:59 pm
11:00 am - 11:59 am	8:00 pm - 8:59 pm
12:00 pm - 12:59 pm	After 9:00 pm

Distance from ORIGIN to 1ST TRANSIT **0.1mi.**

Distance from LAST TRANSIT to DESTINATION **0.13mi.**

After that, you will [Walked all the way] from THE VERY LAST bus/train YOU ARE USING FOR THIS TRIP to get to your destination which is [Your HOME] called [], located at: [, ,]

Q.

Q. How long did you wait before boarding the very first bus or train on this one-way trip? [59 59th Ave]

5 minutes or less	35-44 minutes
6-14 minutes	45-54 minutes
15-24 minutes	55+ minutes
25-34 minutes	Did not transfer

Q. Will you (or did you) make this same trip on exactly the same routes in opposite direction today?

Yes	No
-----	----

 CURRENT TRIP FROM YOUR USUAL WORKPLACE (ORIGIN) TO YOUR HOME (DESTINATION)

Exit & Clear	Save & Exit	Previous	Next
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APPENDIX B: DATA DICTIONARY

FIELD NAME	DESCRIPTION	CODE VALUES
ID	Unique Identifier for each record	Actual Value
DATE_COMPLETED	Date survey was marked completed on	Actual Value
DAY_TYPE	Date type was marked completed on	Actual Value
ROUTE_DIRECTION	Route survey was conducted on	Actual Value
RESIDENT_VISITOR	Are you a visitor to the Phoenix area?	1 = No
RESIDENT_VISITOR	Are you a visitor to the Phoenix area?	2 = Yes
RESIDENT_VISITOR	Are you a visitor to the Phoenix area?	98 = Other
RESIDENT_VISITOR	Are you a visitor to the Phoenix area?	99 = Refused/No Answer
HOME_ADDRESS [LAT]	Respondent's home latitude, which could be a nearby intersection.	Approximate Value
HOME_ADDRESS [LONG]	Respondent's home longitude, which could be a nearby intersection.	Approximate Value
ORIGIN_PLACE_TYPE	What type of place are you COMING FROM NOW? (the starting place for your one-way trip)	1 = Your usual WORKPLACE
ORIGIN_PLACE_TYPE	What type of place are you COMING FROM NOW? (the starting place for your one-way trip)	2 = Your HOME
ORIGIN_PLACE_TYPE	What type of place are you COMING FROM NOW? (the starting place for your one-way trip)	3 = Hotel (visitors only)
ORIGIN_PLACE_TYPE	What type of place are you COMING FROM NOW? (the starting place for your one-way trip)	4 = Other work related
ORIGIN_PLACE_TYPE	What type of place are you COMING FROM NOW? (the starting place for your one-way trip)	5 = College/University (students only)
ORIGIN_PLACE_TYPE	What type of place are you COMING FROM NOW? (the starting place for your one-way trip)	6 = School (K-12) (students only)
ORIGIN_PLACE_TYPE	What type of place are you COMING FROM NOW? (the starting place for your one-way trip)	7 = Recreation/Social (movies, sports, park, gym, etc.)
ORIGIN_PLACE_TYPE	What type of place are you COMING FROM NOW? (the starting place for your one-way trip)	8 = Medical appointment/ doctor's visit
ORIGIN_PLACE_TYPE	What type of place are you COMING FROM NOW? (the starting place for your one-way trip)	9 = Personal business (bank, post office)
ORIGIN_PLACE_TYPE	What type of place are you COMING FROM NOW? (the starting place for your one-way trip)	10 = Pick up/Drop off someone (daycare, school)
ORIGIN_PLACE_TYPE	What type of place are you COMING FROM NOW? (the starting place for your one-way trip)	11 = Shopping

FIELD NAME	DESCRIPTION	CODE VALUES
ORIGIN_PLACE_TYPE	What type of place are you COMING FROM NOW? (the starting place for your one-way trip)	12 = Airport (as an air passenger)
ORIGIN_PLACE_TYPE	What type of place are you COMING FROM NOW? (the starting place for your one-way trip)	13 = Eating/Dining Out
ORIGIN_PLACE_TYPE	What type of place are you COMING FROM NOW? (the starting place for your one-way trip)	15 = Shelter
ORIGIN_PLACE_TYPE	What type of place are you COMING FROM NOW? (the starting place for your one-way trip)	16 = Where you typically stay
ORIGIN_PLACE_TYPE	What type of place are you COMING FROM NOW? (the starting place for your one-way trip)	98 = Other
ORIGIN_PLACE_TYPE	What type of place are you COMING FROM NOW? (the starting place for your one-way trip)	99 = Refused/No Answer
ORIGIN_ADDRESS [LAT]	Respondent's origin latitude, which could be a nearby intersection.	Approximate Value
ORIGIN_ADDRESS [LONG]	Respondent's origin longitude, which could be a nearby intersection.	Approximate Value
PREV_TRANSFERS	How many buses/trains did you travel on BEFORE you boarded	0 = (0) None
PREV_TRANSFERS	How many buses/trains did you travel on BEFORE you boarded	1 = (1) One
PREV_TRANSFERS	How many buses/trains did you travel on BEFORE you boarded	2 = (2) Two
PREV_TRANSFERS	How many buses/trains did you travel on BEFORE you boarded	3 = (3) Three
PREV_TRANSFERS	How many buses/trains did you travel on BEFORE you boarded	4 = (4+) Four or more
PREV_TRANSFERS	How many buses/trains did you travel on BEFORE you boarded	98 = Other
PREV_TRANSFERS	How many buses/trains did you travel on BEFORE you boarded	99 = Refused/No Answer
TRIP_FIRST_ROUTE	First transfer respondent took from origin	Actual Value
TRIP_SECOND_ROUTE	Second transfer respondent took from origin	Actual Value
TRIP_THIRD_ROUTE	Third transfer respondent took from origin	Actual Value
TRIP_FOURTH_ROUTE	Fourth transfer respondent took from origin	Actual Value
ORIGIN_TRANSPORT	How did you GET FROM your origin	1 = Walked all the way
ORIGIN_TRANSPORT	How did you GET FROM your origin	2 = Rode Bike (Your own)
ORIGIN_TRANSPORT	How did you GET FROM your origin	3 = Rode Bike (Shared)
ORIGIN_TRANSPORT	How did you GET FROM your origin	4 = Electric scooter (Your own)
ORIGIN_TRANSPORT	How did you GET FROM your origin	5 = Electric scooter (Shared)

FIELD NAME	DESCRIPTION	CODE VALUES
ORIGIN_TRANSPORT	How did you GET FROM your origin	6 = Wheelchair/Mobility Scooter
ORIGIN_TRANSPORT	How did you GET FROM your origin	7 = Use Uber, Lyft, Waymo, taxi or similar service
ORIGIN_TRANSPORT	How did you GET FROM your origin	8 = On-Demand Transit
ORIGIN_TRANSPORT	How did you GET FROM your origin	9 = Took a Dial-a-Ride or Paratransit service
ORIGIN_TRANSPORT	How did you GET FROM your origin	10 = Was dropped off by someone (not a paid service)
ORIGIN_TRANSPORT	How did you GET FROM your origin	11 = Drove alone and parked
ORIGIN_TRANSPORT	How did you GET FROM your origin	12 = Drove or rode with others and parked
ORIGIN_TRANSPORT	How did you GET FROM your origin	98 = Other
ORIGIN_TRANSPORT	How did you GET FROM your origin	99 = Refused/No Answer
DESTIN_PLACE_TYPE	What type of place are you GOING TO NOW? (the ending place for your one-way trip)	1 = Your usual WORKPLACE
DESTIN_PLACE_TYPE	What type of place are you GOING TO NOW? (the ending place for your one-way trip)	2 = Your HOME
DESTIN_PLACE_TYPE	What type of place are you GOING TO NOW? (the ending place for your one-way trip)	3 = Hotel (visitors only)
DESTIN_PLACE_TYPE	What type of place are you GOING TO NOW? (the ending place for your one-way trip)	4 = Other work related
DESTIN_PLACE_TYPE	What type of place are you GOING TO NOW? (the ending place for your one-way trip)	5 = College/University (students only)
DESTIN_PLACE_TYPE	What type of place are you GOING TO NOW? (the ending place for your one-way trip)	6 = School (K-12) (students only)
DESTIN_PLACE_TYPE	What type of place are you GOING TO NOW? (the ending place for your one-way trip)	7 = Recreation/Social (movies, sports, park, gym, etc.)
DESTIN_PLACE_TYPE	What type of place are you GOING TO NOW? (the ending place for your one-way trip)	8 = Medical appointment/ doctor's visit
DESTIN_PLACE_TYPE	What type of place are you GOING TO NOW? (the ending place for your one-way trip)	9 = Personal business (bank, post office)
DESTIN_PLACE_TYPE	What type of place are you GOING TO NOW? (the ending place for your one-way trip)	10 = Pick up/Drop off someone (daycare, school)
DESTIN_PLACE_TYPE	What type of place are you GOING TO NOW? (the ending place for your one-way trip)	11 = Shopping
DESTIN_PLACE_TYPE	What type of place are you GOING TO NOW? (the ending place for your one-way trip)	12 = Airport (as an air passenger)
DESTIN_PLACE_TYPE	What type of place are you GOING TO NOW? (the ending place for your one-way trip)	13 = Eating/Dining Out



VALLEY METRO 2023 ORIGIN AND DESTINATION SURVEY FINAL REPORT

FIELD NAME	DESCRIPTION	CODE VALUES
DESTIN_PLACE_TYPE	What type of place are you GOING TO NOW? (the ending place for your one-way trip)	22 = Non-destination Trip
DESTIN_PLACE_TYPE	What type of place are you GOING TO NOW? (the ending place for your one-way trip)	98 = Other
DESTIN_PLACE_TYPE	What type of place are you GOING TO NOW? (the ending place for your one-way trip)	99 = Refused/No Answer
DESTIN_ADDRESS [LAT]	Respondent's destination latitude, which could be a nearby intersection.	Approximate Value
DESTIN_ADDRESS [LONG]	Respondent's destination longitude, which could be a nearby intersection.	Approximate Value
NEXT_TRANSFERS	How many buses/trains will you ride AFTER you get off	0 = (0) None
NEXT_TRANSFERS	How many buses/trains will you ride AFTER you get off	1 = (1) One
NEXT_TRANSFERS	How many buses/trains will you ride AFTER you get off	2 = (2) Two
NEXT_TRANSFERS	How many buses/trains will you ride AFTER you get off	3 = (3) Three
NEXT_TRANSFERS	How many buses/trains will you ride AFTER you get off	4 = (4+) Four or more
NEXT_TRANSFERS	How many buses/trains will you ride AFTER you get off	98 = Other
NEXT_TRANSFERS	How many buses/trains will you ride AFTER you get off	99 = Refused/No Answer
TRIP_NEXT_ROUTE	First transfer respondent took to destination	Actual Value
TRIP_AFTER_ROUTE	Second transfer respondent took to destination	Actual Value
TRIP_3RD_ROUTE	Third transfer respondent took to destination	Actual Value
TRIP_LAST4TH RTE	Fourth transfer respondent took to destination	Actual Value
DESTIN_TRANSPORT	How will you GET TO your destination	1 = Walked all the way
DESTIN_TRANSPORT	How will you GET TO your destination	2 = Rode Bike (Your own)
DESTIN_TRANSPORT	How will you GET TO your destination	3 = Rode Bike (Shared)
DESTIN_TRANSPORT	How will you GET TO your destination	4 = Electric scooter (Your own)
DESTIN_TRANSPORT	How will you GET TO your destination	5 = Electric scooter (Shared)
DESTIN_TRANSPORT	How will you GET TO your destination	6 = Wheelchair/Mobility Scooter
DESTIN_TRANSPORT	How will you GET TO your destination	7 = Use Uber, Lyft, Waymo, taxi or similar service
DESTIN_TRANSPORT	How will you GET TO your destination	8 = On-Demand Transit

FIELD NAME	DESCRIPTION	CODE VALUES
DESTIN_TRANSPORT	How will you GET TO your destination	9 = Took a Dial-a-Ride or Paratransit service
DESTIN_TRANSPORT	How will you GET TO your destination	10 = Be picked up by someone (not a paid service)
DESTIN_TRANSPORT	How will you GET TO your destination	11 = Get in a parked vehicle & drive alone
DESTIN_TRANSPORT	How will you GET TO your destination	12 = Get in a parked vehicle & drive/ride w/others
DESTIN_TRANSPORT	How will you GET TO your destination	98 = Other
DESTIN_TRANSPORT	How will you GET TO your destination	99 = Refused/No Answer
STOP_ON [ADDR]	Respondent's boarding address	Actual Value
STOP_ON [CLNTID]	Stop ID of respondent's boarding address	Actual Value
STOP_ON [LAT]	Latitude for respondent's boarding address	Actual Value
STOP_ON [LONG]	Longitude for respondent's boarding address	Actual Value
STOP_OFF [ADDR]	Respondent's alighting address	Actual Value
STOP_OFF [CLNTID]	Stop ID of respondent's alighting address	Actual Value
STOP_OFF [LAT]	Latitude for respondent's alighting address	Actual Value
STOP_OFF [LONG]	Longitude for respondent's alighting address	Actual Value
PREV_TRAN_1_ON_BUS [LAT]	Latitude of respondent's boarding location for their first transfer from origin	Actual Value
PREV_TRAN_1_ON_BUS [LONG]	Longitude of respondent's boarding location for their first transfer from origin	Actual Value
PREV_TRAN_1_OFF_BUS [LAT]	Latitude of respondent's alighting location for their first transfer from origin	Actual Value
PREV_TRAN_1_OFF_BUS [LONG]	Longitude of respondent's alighting location for their first transfer from origin	Actual Value
PREV_TRAN_2_ON_BUS [LAT]	Latitude of respondent's boarding location for their second transfer from origin	Actual Value
PREV_TRAN_2_ON_BUS [LONG]	Longitude of respondent's boarding location for their second transfer from origin	Actual Value
PREV_TRAN_2_OFF_BUS [LAT]	Latitude of respondent's alighting location for their second transfer from origin	Actual Value
PREV_TRAN_2_OFF_BUS [LONG]	Longitude of respondent's alighting location for their second transfer from origin	Actual Value
PREV_TRAN_3_ON_BUS [LAT]	Latitude of respondent's boarding location for their third transfer from origin	Actual Value
PREV_TRAN_3_ON_BUS [LONG]	Longitude of respondent's boarding location for their third transfer from origin	Actual Value

FIELD NAME	DESCRIPTION	CODE VALUES
PREV_TRAN_3_OFF_BUS [LAT]	Latitude of respondent's alighting location for their third transfer from origin	Actual Value
PREV_TRAN_3_OFF_BUS [LONG]	Longitude of respondent's alighting location for their third transfer from origin	Actual Value
PREV_TRAN_4_ON_BUS [LAT]	Latitude of respondent's boarding location for their fourth transfer from origin	Actual Value
PREV_TRAN_4_ON_BUS [LONG]	Longitude of respondent's boarding location for their fourth transfer from origin	Actual Value
PREV_TRAN_4_OFF_BUS [LAT]	Latitude of respondent's alighting location for their fourth transfer from origin	Actual Value
PREV_TRAN_4_OFF_BUS [LONG]	Longitude of respondent's alighting location for their fourth transfer from origin	Actual Value
NEXT_TRAN_1_ON_BUS [LAT]	Latitude of respondent's boarding location for their first transfer to destination	Actual Value
NEXT_TRAN_1_ON_BUS [LONG]	Longitude of respondent's boarding location for their first transfer to destination	Actual Value
NEXT_TRAN_1_OFF_BUS [LAT]	Latitude of respondent's alighting location for their first transfer to destination	Actual Value
NEXT_TRAN_1_OFF_BUS [LONG]	Longitude of respondent's alighting location for their first transfer to destination	Actual Value
NEXT_TRAN_2_ON_BUS [LAT]	Latitude of respondent's boarding location for their second transfer to destination	Actual Value
NEXT_TRAN_2_ON_BUS [LONG]	Longitude of respondent's boarding location for their second transfer to destination	Actual Value
NEXT_TRAN_2_OFF_BUS [LAT]	Latitude of respondent's alighting location for their second transfer to destination	Actual Value
NEXT_TRAN_2_OFF_BUS [LONG]	Longitude of respondent's alighting location for their second transfer to destination	Actual Value
NEXT_TRAN_3_ON_BUS [LAT]	Latitude of respondent's boarding location for their third transfer to destination	Actual Value
NEXT_TRAN_3_ON_BUS [LONG]	Longitude of respondent's boarding location for their third transfer to destination	Actual Value
NEXT_TRAN_3_OFF_BUS [LAT]	Latitude of respondent's alighting location for their third transfer to destination	Actual Value
NEXT_TRAN_3_OFF_BUS [LONG]	Longitude of respondent's alighting location for their third transfer to destination	Actual Value
NEXT_TRAN_4_ON_BUS [LAT]	Latitude of respondent's boarding location for their fourth transfer to destination	Actual Value
NEXT_TRAN_4_ON_BUS [LONG]	Longitude of respondent's boarding location for their fourth transfer to destination	Actual Value
NEXT_TRAN_4_OFF_BUS [LAT]	Latitude of respondent's alighting location for their fourth transfer to destination	Actual Value

FIELD NAME	DESCRIPTION	CODE VALUES
NEXT_TRAN_4_OFF_BUS [LONG]	Longitude of respondent's alighting location for their fourth transfer to destination	Actual Value
TIME_ON	What time did you BOARD this bus?	98 = Other
TIME_ON	What time did you BOARD this bus?	99 = Refused/No Answer
TIME_ON	What time did you BOARD this bus?	MID1 = 9:00 am - 9:59 am
TIME_ON	What time did you BOARD this bus?	MID2 = 10:00 am - 10:59 am
TIME_ON	What time did you BOARD this bus?	MID3 = 11:00 am - 11:59 am
TIME_ON	What time did you BOARD this bus?	MID4 = 12:00 pm - 12:59 pm
TIME_ON	What time did you BOARD this bus?	MID6 = 2:00 pm - 2:59 pm
TIME_ON	What time did you BOARD this bus?	PM1 = 3:00 pm - 3:59 pm
TIME_ON	What time did you BOARD this bus?	PM2 = 4:00 pm - 4:59 pm
TIME_ON	What time did you BOARD this bus?	PM3 = 5:00 pm - 5:59 pm
TIME_ON	What time did you BOARD this bus?	PM4 = 6:00 pm - 6:59 pm
TIME_ON	What time did you BOARD this bus?	PM5 = 7:00 pm - 7:59 pm
TIME_ON	What time did you BOARD this bus?	PM6 = 8:00 pm - 8:59 pm
TIME_ON	What time did you BOARD this bus?	PM7 = After 9:00 pm
TIME_ON	What time did you BOARD this bus?	MID5 = 1:00 pm - 1:59 pm
TIME_ON	What time did you BOARD this bus?	AM1 = Before 6:00 am
TIME_ON	What time did you BOARD this bus?	AM2 = 6:00 am - 6:59 am
TIME_ON	What time did you BOARD this bus?	AM3 = 7:00 am - 7:59 am
TIME_ON	What time did you BOARD this bus?	AM4 = 8:00 am - 8:59 am
TIME_PERIOD	Time period respondent boarded this bus/rail	98 = Other
TIME_PERIOD	Time period respondent boarded this bus/rail	99 = Refused/No Answer
TIME_PERIOD	Time period respondent boarded this bus/rail	Actual Value
HOW_LONG_WAIT	How long did you wait before boarding this bus or train on this one-way trip?	98 = Other
HOW_LONG_WAIT	How long did you wait before boarding this bus or train on this one-way trip?	99 = Refused/No Answer
HOW_LONG_WAIT	How long did you wait before boarding this bus or train on this one-way trip?	A7 = 55+ minutes
HOW_LONG_WAIT	How long did you wait before boarding this bus or train on this one-way trip?	A1 = 5 minutes or less
HOW_LONG_WAIT	How long did you wait before boarding this bus or train on this one-way trip?	A2 = 6-14 minutes

FIELD NAME	DESCRIPTION	CODE VALUES
HOW_LONG_WAIT	How long did you wait before boarding this bus or train on this one-way trip?	A3 = 15-24 minutes
HOW_LONG_WAIT	How long did you wait before boarding this bus or train on this one-way trip?	A4 = 25-34 minutes
HOW_LONG_WAIT	How long did you wait before boarding this bus or train on this one-way trip?	A5 = 35-44 minutes
HOW_LONG_WAIT	How long did you wait before boarding this bus or train on this one-way trip?	A6 = 45-54 minutes
HOW_LONG_PREVIOUS	How long did you wait before boarding the very first bus or train on this one-way trip?	98 = Other
HOW_LONG_PREVIOUS	How long did you wait before boarding the very first bus or train on this one-way trip?	99 = Refused/No Answer
HOW_LONG_PREVIOUS	How long did you wait before boarding the very first bus or train on this one-way trip?	A3 = 15-24 minutes
HOW_LONG_PREVIOUS	How long did you wait before boarding the very first bus or train on this one-way trip?	A4 = 25-34 minutes
HOW_LONG_PREVIOUS	How long did you wait before boarding the very first bus or train on this one-way trip?	A5 = 35-44 minutes
HOW_LONG_PREVIOUS	How long did you wait before boarding the very first bus or train on this one-way trip?	A6 = 45-54 minutes
HOW_LONG_PREVIOUS	How long did you wait before boarding the very first bus or train on this one-way trip?	A7 = 55+ minutes
HOW_LONG_PREVIOUS	How long did you wait before boarding the very first bus or train on this one-way trip?	A8 = Did not transfer
HOW_LONG_PREVIOUS	How long did you wait before boarding the very first bus or train on this one-way trip?	A1 = 5 minutes or less
HOW_LONG_PREVIOUS	How long did you wait before boarding the very first bus or train on this one-way trip?	A2 = 6-14 minutes
TRIP_IN_OPPO_DIR	Will you (or did you) make this same trip on exactly the same routes in opposite direction today?	1 = Yes
TRIP_IN_OPPO_DIR	Will you (or did you) make this same trip on exactly the same routes in opposite direction today?	2 = No
TRIP_IN_OPPO_DIR	Will you (or did you) make this same trip on exactly the same routes in opposite direction today?	98 = Other
TRIP_IN_OPPO_DIR	Will you (or did you) make this same trip on exactly the same routes in opposite direction today?	99 = Refused/No Answer
OPPO_DIR_TRIP_TIME	At what time did/will you leave for this trip in the opposite direction?	98 = Other

FIELD NAME	DESCRIPTION	CODE VALUES
OPPO_DIR_TRIP_TIME	At what time did/will you leave for this trip in the opposite direction?	99 = Refused/No Answer
OPPO_DIR_TRIP_TIME	At what time did/will you leave for this trip in the opposite direction?	PM7 = After 9:00 pm
OPPO_DIR_TRIP_TIME	At what time did/will you leave for this trip in the opposite direction?	PM3 = 5:00 pm - 5:59 pm
OPPO_DIR_TRIP_TIME	At what time did/will you leave for this trip in the opposite direction?	AM1 = Before 6:00 am
OPPO_DIR_TRIP_TIME	At what time did/will you leave for this trip in the opposite direction?	AM2 = 6:00 am - 6:59 am
OPPO_DIR_TRIP_TIME	At what time did/will you leave for this trip in the opposite direction?	AM3 = 7:00 am - 7:59 am
OPPO_DIR_TRIP_TIME	At what time did/will you leave for this trip in the opposite direction?	AM4 = 8:00 am - 8:59 am
OPPO_DIR_TRIP_TIME	At what time did/will you leave for this trip in the opposite direction?	MID1 = 9:00 am - 9:59 am
OPPO_DIR_TRIP_TIME	At what time did/will you leave for this trip in the opposite direction?	MID2 = 10:00 am - 10:59 am
OPPO_DIR_TRIP_TIME	At what time did/will you leave for this trip in the opposite direction?	MID3 = 11:00 am - 11:59 am
OPPO_DIR_TRIP_TIME	At what time did/will you leave for this trip in the opposite direction?	MID4 = 12:00 pm - 12:59 pm
OPPO_DIR_TRIP_TIME	At what time did/will you leave for this trip in the opposite direction?	MID5 = 1:00 pm - 1:59 pm
OPPO_DIR_TRIP_TIME	At what time did/will you leave for this trip in the opposite direction?	MID6 = 2:00 pm - 2:59 pm
OPPO_DIR_TRIP_TIME	At what time did/will you leave for this trip in the opposite direction?	PM1 = 3:00 pm - 3:59 pm
TYPE_OF_FARE	What fare category did you pay?	4 = Person with Disabilities
TYPE_OF_FARE	What fare category did you pay?	5 = Medicare cardholder
TYPE_OF_FARE	What fare category did you pay?	6 = Express/RAPID
TYPE_OF_FARE	What fare category did you pay?	7 = Special Event Fare
TYPE_OF_FARE	What fare category did you pay?	8 = None
TYPE_OF_FARE	What fare category did you pay?	98 = Other
TYPE_OF_FARE	What fare category did you pay?	99 = Refused/No Answer
TRANSIT_INFO	How do you usually get transit information?	1 = Valley Metro website (Computer)
TRANSIT_INFO	How do you usually get transit information?	2 = Valley Metro website (Mobile device)
TRANSIT_INFO	How do you usually get transit information?	3 = Call customer service

FIELD NAME	DESCRIPTION	CODE VALUES
TRANSIT_INFO	How do you usually get transit information?	4 = Posted schedule at bus stop/station
TRANSIT_INFO	How do you usually get transit information?	5 = VM Mobile App
TRANSIT_INFO	How do you usually get transit information?	6 = VM Facebook
TRANSIT_INFO	How do you usually get transit information?	7 = VM Twitter
TRANSIT_INFO	How do you usually get transit information?	8 = VM Instagram
TRANSIT_INFO	How do you usually get transit information?	9 = Other mobile apps (Google Maps, Transit)
TRANSIT_INFO	How do you usually get transit information?	10 = Text NextRide
TRANSIT_INFO	How do you usually get transit information?	11 = Did not do any trip planning
TRANSIT_INFO	How do you usually get transit information?	98 = Other
TRANSIT_INFO	How do you usually get transit information?	99 = Refused/No Answer
COUNT_VH_HH	How many working vehicles (cars, trucks, or motorcycles) are available to your household?	0 = None (0)
COUNT_VH_HH	How many working vehicles (cars, trucks, or motorcycles) are available to your household?	1 = One (1)
COUNT_VH_HH	How many working vehicles (cars, trucks, or motorcycles) are available to your household?	2 = Two (2)
COUNT_VH_HH	How many working vehicles (cars, trucks, or motorcycles) are available to your household?	3 = Three (3)
COUNT_VH_HH	How many working vehicles (cars, trucks, or motorcycles) are available to your household?	4 = Four (4)
COUNT_VH_HH	How many working vehicles (cars, trucks, or motorcycles) are available to your household?	5 = Five (5)
COUNT_VH_HH	How many working vehicles (cars, trucks, or motorcycles) are available to your household?	6 = Six (6)
COUNT_VH_HH	How many working vehicles (cars, trucks, or motorcycles) are available to your household?	7 = Seven (7)
COUNT_VH_HH	How many working vehicles (cars, trucks, or motorcycles) are available to your household?	8 = Eight (8)
COUNT_VH_HH	How many working vehicles (cars, trucks, or motorcycles) are available to your household?	9 = Nine (9)
COUNT_VH_HH	How many working vehicles (cars, trucks, or motorcycles) are available to your household?	10 = Ten or more (10+)
COUNT_VH_HH	How many working vehicles (cars, trucks, or motorcycles) are available to your household?	98 = Other
COUNT_VH_HH	How many working vehicles (cars, trucks, or motorcycles) are available to your household?	99 = Refused/No Answer

FIELD NAME	DESCRIPTION	CODE VALUES
USED_VEH_TRIP	Could you have used one of these vehicles for this trip?	98 = Other
USED_VEH_TRIP	Could you have used one of these vehicles for this trip?	99 = Refused/No Answer
USED_VEH_TRIP	Could you have used one of these vehicles for this trip?	YES = Yes
USED_VEH_TRIP	Could you have used one of these vehicles for this trip?	NO = No
HH_SIZE	Including YOU, how many people live in your household?	1 = One (1)
HH_SIZE	Including YOU, how many people live in your household?	2 = Two (2)
HH_SIZE	Including YOU, how many people live in your household?	3 = Three (3)
HH_SIZE	Including YOU, how many people live in your household?	4 = Four (4)
HH_SIZE	Including YOU, how many people live in your household?	5 = Five (5)
HH_SIZE	Including YOU, how many people live in your household?	6 = Six (6)
HH_SIZE	Including YOU, how many people live in your household?	7 = Seven (7)
HH_SIZE	Including YOU, how many people live in your household?	8 = Eight (8)
HH_SIZE	Including YOU, how many people live in your household?	9 = Nine (9)
HH_SIZE	Including YOU, how many people live in your household?	10 = Ten or more (10+)
HH_SIZE	Including YOU, how many people live in your household?	98 = Other
HH_SIZE	Including YOU, how many people live in your household?	99 = Refused/No Answer
EMPLOYED_IN_HH	Including YOU, how many adults (age 16 and older) in your household are employed full or part-time?	0 = None (0)
EMPLOYED_IN_HH	Including YOU, how many adults (age 16 and older) in your household are employed full or part-time?	1 = One (1)
EMPLOYED_IN_HH	Including YOU, how many adults (age 16 and older) in your household are employed full or part-time?	2 = Two (2)

FIELD NAME	DESCRIPTION	CODE VALUES
EMPLOYED_IN_HH	Including YOU, how many adults (age 16 and older) in your household are employed full or part-time?	3 = Three (3)
EMPLOYED_IN_HH	Including YOU, how many adults (age 16 and older) in your household are employed full or part-time?	4 = Four (4)
EMPLOYED_IN_HH	Including YOU, how many adults (age 16 and older) in your household are employed full or part-time?	5 = Five (5)
EMPLOYED_IN_HH	Including YOU, how many adults (age 16 and older) in your household are employed full or part-time?	6 = Six (6)
EMPLOYED_IN_HH	Including YOU, how many adults (age 16 and older) in your household are employed full or part-time?	7 = Seven (7)
EMPLOYED_IN_HH	Including YOU, how many adults (age 16 and older) in your household are employed full or part-time?	8 = Eight (8)
EMPLOYED_IN_HH	Including YOU, how many adults (age 16 and older) in your household are employed full or part-time?	9 = Nine (9)
EMPLOYED_IN_HH	Including YOU, how many adults (age 16 and older) in your household are employed full or part-time?	10 = Ten or more (10+)
EMPLOYED_IN_HH	Including YOU, how many adults (age 16 and older) in your household are employed full or part-time?	98 = Other
EMPLOYED_IN_HH	Including YOU, how many adults (age 16 and older) in your household are employed full or part-time?	99 = Refused/No Answer
EMPLOYMENT_STATUS	What is your employment status? (Check the one response that BEST describes you)	1 = Employed full-time (at least 35 hours/week)
EMPLOYMENT_STATUS	What is your employment status? (Check the one response that BEST describes you)	2 = Employed part-time (less than 35 hours/week)
EMPLOYMENT_STATUS	What is your employment status? (Check the one response that BEST describes you)	3 = Not currently employed, but seeking work
EMPLOYMENT_STATUS	What is your employment status? (Check the one response that BEST describes you)	4 = Not currently employed, and not seeking work
EMPLOYMENT_STATUS	What is your employment status? (Check the one response that BEST describes you)	5 = Retired
EMPLOYMENT_STATUS	What is your employment status? (Check the one response that BEST describes you)	6 = Stay-at-home spouse/partner
EMPLOYMENT_STATUS	What is your employment status? (Check the one response that BEST describes you)	98 = Other



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FIELD NAME	DESCRIPTION	CODE VALUES
EMPLOYMENT_STATUS	What is your employment status? (Check the one response that BEST describes you)	99 = Refused/No Answer
IS_YOUR_WORK	Is your work:	98 = Other
IS_YOUR_WORK	Is your work:	99 = Refused/No Answer
IS_YOUR_WORK	Is your work:	A1 = Fully Remote
IS_YOUR_WORK	Is your work:	A2 = Partially remote/Hybrid
IS_YOUR_WORK	Is your work:	A3 = Not Remote
STUDENT_STATUS	Are you a student? (Check the one response that BEST describes you)	1 = Not a student
STUDENT_STATUS	Are you a student? (Check the one response that BEST describes you)	2 = Yes - Full-time College/ University
STUDENT_STATUS	Are you a student? (Check the one response that BEST describes you)	3 = Yes - Part-time College/ University
STUDENT_STATUS	Are you a student? (Check the one response that BEST describes you)	4 = Yes - Vocational/ Technical/Trade School
STUDENT_STATUS	Are you a student? (Check the one response that BEST describes you)	5 = Yes - K-12th grade
STUDENT_STATUS	Are you a student? (Check the one response that BEST describes you)	6 = Yes - Other
STUDENT_STATUS	Are you a student? (Check the one response that BEST describes you)	98 = Other
STUDENT_STATUS	Are you a student? (Check the one response that BEST describes you)	99 = Refused/No Answer
HAVE_DL	Do you have a valid driver's license?	1 = Yes
HAVE_DL	Do you have a valid driver's license?	2 = No
HAVE_DL	Do you have a valid driver's license?	98 = Other
HAVE_DL	Do you have a valid driver's license?	99 = Refused/No Answer
PHONE_DATA_PLAN	Do you have a smartphone with a data plan?	98 = Other
PHONE_DATA_PLAN	Do you have a smartphone with a data plan?	99 = Refused/No Answer
PHONE_DATA_PLAN	Do you have a smartphone with a data plan?	A1 = Yes
PHONE_DATA_PLAN	Do you have a smartphone with a data plan?	A2 = No, no smartphone
PHONE_DATA_PLAN	Do you have a smartphone with a data plan?	A3 = No, I have a smartphone with no data plan
US_VETERAN	Are you a United States Veteran?	98 = Other
US_VETERAN	Are you a United States Veteran?	99 = Refused/No Answer
US_VETERAN	Are you a United States Veteran?	A1 = Yes
US_VETERAN	Are you a United States Veteran?	A2 = No

FIELD NAME	DESCRIPTION	CODE VALUES
VISIT_DURATION	What is the duration of your stay?	98 = Other
VISIT_DURATION	What is the duration of your stay?	99 = Refused/No Answer
HAVE_DISABILITY	Are you a person with a disability?	98 = Other
HAVE_DISABILITY	Are you a person with a disability?	99 = Refused/No Answer
HAVE_DISABILITY	Are you a person with a disability?	A1 = Yes
HAVE_DISABILITY	Are you a person with a disability?	A2 = No
HAVE_DISABILITY	Are you a person with a disability?	A3 = Prefer not to answer
TYPE_DISABILITY [SQ001]	Which of the following types of disabilities apply, if any? (select all that apply)...Low vision	Actual Value
TYPE_DISABILITY [SQ002]	Which of the following types of disabilities apply, if any? (select all that apply)...Blindness	Actual Value
TYPE_DISABILITY [SQ003]	Which of the following types of disabilities apply, if any? (select all that apply)...Dead/Hard of hearing	Actual Value
TYPE_DISABILITY [SQ004]	Which of the following types of disabilities apply, if any? (select all that apply)...Mental health/ neurocognitive disability	Actual Value
TYPE_DISABILITY [SQ005]	Which of the following types of disabilities apply, if any? (select all that apply)...Mobility need - use a wheelchair	Actual Value
TYPE_DISABILITY [SQ006]	Which of the following types of disabilities apply, if any? (select all that apply)...Mobility need - do NOT use wheelchair	Actual Value
TYPE_DISABILITY [SQ007]	Which of the following types of disabilities apply, if any? (select all that apply)...Declined	Actual Value
YOUR_AGE	What is your age?	1 = Under 16
YOUR_AGE	What is your age?	2 = 16 - 18
YOUR_AGE	What is your age?	3 = 19 - 24
YOUR_AGE	What is your age?	4 = 25 - 34
YOUR_AGE	What is your age?	5 = 35 - 44
YOUR_AGE	What is your age?	6 = 45 - 54
YOUR_AGE	What is your age?	7 = 55 - 64
YOUR_AGE	What is your age?	8 = 65+
YOUR_AGE	What is your age?	11 = Prefer not to answer
YOUR_AGE	What is your age?	98 = Other
YOUR_AGE	What is your age?	99 = Refused/No Answer

FIELD NAME	DESCRIPTION	CODE VALUES
RACE [1]	What is your race/ethnicity? (check all that apply)...American Indian/Alaska Native	Actual Value
RACE [3]	What is your race/ethnicity? (check all that apply)...Asian	Actual Value
RACE [2]	What is your race/ethnicity? (check all that apply)...Black/African American	Actual Value
RACE [6]	What is your race/ethnicity? (check all that apply)...Hispanic/Latino	Actual Value
RACE [5]	What is your race/ethnicity? (check all that apply)...Native Hawaiian/Pacific Islander	Actual Value
RACE [4]	What is your race/ethnicity? (check all that apply)...White	Actual Value
YOUR_GENDER	What is your gender?	1 = Male
YOUR_GENDER	What is your gender?	2 = Female
YOUR_GENDER	What is your gender?	3 = Non-binary/third gender
YOUR_GENDER	What is your gender?	98 = Other
YOUR_GENDER	What is your gender?	99 = Refused/No Answer
INCOME	Which of the following BEST describes your TOTAL ANNUAL HOUSEHOLD INCOME in 2022 before taxes?	1 = Below \$5,000
INCOME	Which of the following BEST describes your TOTAL ANNUAL HOUSEHOLD INCOME in 2022 before taxes?	2 = \$5,000 - \$9,999
INCOME	Which of the following BEST describes your TOTAL ANNUAL HOUSEHOLD INCOME in 2022 before taxes?	3 = \$10,000 - \$14,999
INCOME	Which of the following BEST describes your TOTAL ANNUAL HOUSEHOLD INCOME in 2022 before taxes?	4 = \$15,000 - \$19,999
INCOME	Which of the following BEST describes your TOTAL ANNUAL HOUSEHOLD INCOME in 2022 before taxes?	5 = \$20,000 - \$24,999
INCOME	Which of the following BEST describes your TOTAL ANNUAL HOUSEHOLD INCOME in 2022 before taxes?	6 = \$25,000 - \$29,999
INCOME	Which of the following BEST describes your TOTAL ANNUAL HOUSEHOLD INCOME in 2022 before taxes?	7 = \$30,000 - \$34,999
INCOME	Which of the following BEST describes your TOTAL ANNUAL HOUSEHOLD INCOME in 2022 before taxes?	8 = \$35,000 - \$39,999



FIELD NAME	DESCRIPTION	CODE VALUES
INCOME	Which of the following BEST describes your TOTAL ANNUAL HOUSEHOLD INCOME in 2022 before taxes?	9 = \$40,000 - \$49,999
INCOME	Which of the following BEST describes your TOTAL ANNUAL HOUSEHOLD INCOME in 2022 before taxes?	10 = \$50,000 - \$59,999
INCOME	Which of the following BEST describes your TOTAL ANNUAL HOUSEHOLD INCOME in 2022 before taxes?	11 = \$60,000 - \$69,999
INCOME	Which of the following BEST describes your TOTAL ANNUAL HOUSEHOLD INCOME in 2022 before taxes?	12 = \$70,000 - \$79,999
INCOME	Which of the following BEST describes your TOTAL ANNUAL HOUSEHOLD INCOME in 2022 before taxes?	13 = \$80,000 - \$89,999
INCOME	Which of the following BEST describes your TOTAL ANNUAL HOUSEHOLD INCOME in 2022 before taxes?	14 = \$90,000 - \$99,999
INCOME	Which of the following BEST describes your TOTAL ANNUAL HOUSEHOLD INCOME in 2022 before taxes?	15 = \$100,000 - \$119,999
INCOME	Which of the following BEST describes your TOTAL ANNUAL HOUSEHOLD INCOME in 2022 before taxes?	16 = \$120,000 or more
INCOME	Which of the following BEST describes your TOTAL ANNUAL HOUSEHOLD INCOME in 2022 before taxes?	98 = Other
INCOME	Which of the following BEST describes your TOTAL ANNUAL HOUSEHOLD INCOME in 2022 before taxes?	99 = Refused/No Answer
INCOME	Which of the following BEST describes your TOTAL ANNUAL HOUSEHOLD INCOME in 2022 before taxes?	REFUSED = -----
REFUSED_INCOME	Is your annual household income more than	98 = Other
REFUSED_INCOME	Is your annual household income more than	99 = Refused/No Answer
REFUSED_INCOME	Is your annual household income more than	A1 = Yes
REFUSED_INCOME	Is your annual household income more than	A2 = No
HOME_LANG_OTHER	Do you speak a language other than English at home?	1 = Yes
HOME_LANG_OTHER	Do you speak a language other than English at home?	2 = No
HOME_LANG_OTHER	Do you speak a language other than English at home?	98 = Other

FIELD NAME	DESCRIPTION	CODE VALUES
HOME_LANG_OTHER	Do you speak a language other than English at home?	99 = Refused/No Answer
HOME_OTHER_LANG	Language respondent speaks at home other than English	Actual Value
ENGLISH_ABILITY	How well do you speak English?	1 = Very well
ENGLISH_ABILITY	How well do you speak English?	2 = Well
ENGLISH_ABILITY	How well do you speak English?	3 = Less than well
ENGLISH_ABILITY	How well do you speak English?	4 = Not at all
ENGLISH_ABILITY	How well do you speak English?	98 = Other
ENGLISH_ABILITY	How well do you speak English?	99 = Refused/No Answer
ROUTE_DIR_TIME_CODE	ID given for specific route/direction/time period	Actual Value
UNLINKED_WGHT_FCTR	Weight factor given to each record based off expansion	Actual Value
SYSTEM_TRANSFERS	Total number of in-system transfers	Actual Value
LINKED_MULTP	Multiplier used to get the linked weight factor	Actual Value
LINKED_WGHT_FCTR	Linked weight factor given to each record based off unlinked weight factor and multiplier	Actual Value

APPENDIX C: SAMPLE PLANS

OD Sample Spreadsheet by Station Level Boardings

VM Rail Station level

Rail Station	Direction	Over Sampling Needs	AM PEAK 6AM- 859AM	MIDDAY 9AM- 259PM	PM PEAK 3PM- 559PM	NIGHT 6PM- 559AM	Direction TOTAL	Station TOTALS
Dunlap/19th Ave	Eastbound		69	122	58	103	351	351
Dunlap/19th Ave	Westbound		0	0	0	0	0	
Northern/19th Ave	Eastbound		22	41	20	31	114	147
Northern/19th Ave	Westbound		5	11	6	12	33	
Glendale/19th Ave	Eastbound		27	45	23	38	133	189
Glendale/19th Ave	Westbound		8	19	11	19	56	
Montebello/19th Ave	Eastbound		26	58	33	47	163	265
Montebello/19th Ave	Westbound		8	31	23	40	102	
19th Ave/Camelback	Eastbound		39	44	21	34	139	230
19th Ave/Camelback	Westbound		10	30	21	31	91	
7th Ave/Camelback	Eastbound		15	21	11	15	62	119
7th Ave/Camelback	Westbound		6	19	16	16	57	
Central Ave/Camelback	Eastbound		13	18	11	15	56	90
Central Ave/Camelback	Westbound		3	11	10	10	34	
Campbell/Central Ave	Eastbound		7	20	23	8	58	116
Campbell/Central Ave	Westbound		4	19	31	5	58	
Indian School/Central Ave	Eastbound		18	35	21	22	97	156
Indian School/Central Ave	Westbound		11	19	14	14	58	
Osborn/Central Ave	Eastbound		8	18	10	10	46	82
Osborn/Central Ave	Westbound		5	13	10	8	36	
Thomas/Central Ave	Eastbound		17	37	22	21	97	171
Thomas/Central Ave	Westbound		10	26	20	18	74	
Encanto/Central Ave	Eastbound		5	9	7	7	28	47
Encanto/Central Ave	Westbound		3	6	5	5	19	
McDowell/Central Ave	Eastbound		16	33	21	21	91	170
McDowell/Central Ave	Westbound		11	28	21	18	79	



VALLEY METRO 2023 ORIGIN AND DESTINATION SURVEY FINAL REPORT

Rail Station	Direction	Over Sampling Needs	AM PEAK 6AM- 859AM	MIDDAY 9AM- 259PM	PM PEAK 3PM- 559PM	NIGHT 6PM- 559AM	Direction TOTAL	Station TOTALS
Roosevelt/Central Ave	Eastbound		8	15	10	15	48	118
Roosevelt/Central Ave	Westbound		11	23	14	22	70	
Van Buren/1st Ave	Eastbound		24	56	40	46	166	166
Van Buren/Central Ave	Westbound		17	42	27	24	111	111
Jefferson/1st Ave	Eastbound		11	37	35	29	112	112
Washington/Central Ave	Westbound		6	25	20	17	69	69
3rd St/Jefferson	Eastbound		5	20	17	28	71	71
3rd St/Washington	Westbound		5	15	13	19	52	52
12th St/Jefferson	Eastbound		7	14	8	10	39	39
12th St/Washington	Westbound		6	14	7	7	33	33
24th St/Jefferson	Eastbound		9	16	11	16	52	52
24th St/Washington	Westbound		11	23	13	20	67	67
38th St/Washington	Eastbound		9	14	7	9	40	83
38th St/Washington	Westbound		7	16	9	11	43	
44th St/Washington	Eastbound		13	33	20	39	106	215
44th St/Washington	Westbound		13	35	22	39	109	
50th/Washington	Eastbound		6	10	6	5	26	55
50th/Washington	Westbound		5	10	6	8	29	
Priest Dr/Washington St	Eastbound		6	11	9	13	39	105
Priest Dr/Washington St	Westbound		8	15	14	29	65	
Center Pkwy/Washington St	Eastbound		4	7	3	5	18	35
Center Pkwy/Washington St	Westbound		3	5	2	6	16	
Mill Ave/Third St	Eastbound		6	19	13	21	58	133
Mill Ave/Third St	Westbound		9	20	20	27	75	
Veterans Way/College Ave	Eastbound		9	28	27	24	88	185
Veterans Way/College Ave	Westbound		12	33	25	27	97	
University Dr/Rural Rd	Eastbound		5	16	12	20	54	106
University Dr/Rural Rd	Westbound		13	20	8	12	52	
Dorsey Ln/Apache Blvd	Eastbound		10	51	52	46	159	266
Dorsey Ln/Apache Blvd	Westbound		15	35	25	31	107	
McClintock Dr/Apache Blvd	Eastbound		6	19	14	21	60	200
McClintock Dr/Apache Blvd	Westbound		30	58	21	30	139	
Smith-Martin/Apache Blvd	Eastbound		4	9	5	7	25	68



VALLEY METRO 2023 ORIGIN AND DESTINATION SURVEY FINAL REPORT

Rail Station	Direction	Over Sampling Needs	AM PEAK 6AM- 859AM	MIDDAY 9AM- 259PM	PM PEAK 3PM- 559PM	NIGHT 6PM- 559AM	Direction TOTAL	Station TOTALS
Smith-Martin/Apache Blvd	Westbound		8	19	7	10	43	
Price-101/Apache Blvd	Eastbound		6	11	5	10	32	103
Price-101/Apache Blvd	Westbound		18	30	10	13	71	
Sycamore/Main St	Eastbound		9	24	15	21	69	167
Sycamore/Main St	Westbound		17	35	18	28	98	
Alma School Rd/Main St	Eastbound		9	22	13	22	65	161
Alma School Rd/Main St	Westbound		18	34	17	27	96	
Country Club Dr/Main St	Eastbound		6	15	9	12	42	142
Country Club Dr/Main St	Westbound		18	35	19	28	100	
Center St/Main St	Eastbound		2	8	3	5	19	70
Center St/Main St	Westbound		8	19	11	13	51	
Mesa Dr/Main St	Eastbound		4	9	6	12	30	115
Mesa Dr/Main St	Westbound		16	28	16	25	85	
Stapley Dr/Main St	Eastbound		2	6	2	5	16	75
Stapley Dr/Main St	Westbound		11	21	12	16	60	
Gilbert Rd/Main St	Eastbound		0	0	0	0	0	270
Gilbert Rd/Main St	Westbound		57	93	43	77	270	
	GRAND TOTAL FOR RAIL		888	1,899	1,211	1,575	5,573	5,573

OD Sample Plans by Time of Day and Direction

VM Bus OD Sampling Plan by Time of Day and Direction

FINAL ROUTE DIRECTION	Service Type	SAMPLE GOALS					Route TOTAL
		1 = PRE 9A	2 = 900A - 300P	3 = 300P - 600P	4 = Aft 600P	Direction TOTAL	
0 Central Ave [North]	Local	8	14	8	8	37	73
0 Central Ave [South]	Local	8	14	8	8	37	
1 Washington St [East]	Local	2	4	2	3	12	25
1 Washington St [West]	Local	2	5	2	4	13	
3 Van Buren St [East]	Key Local	22	49	28	27	127	259
3 Van Buren St [West]	Key Local	23	51	29	28	132	
7 7th St [North]	Key Local	26	52	27	26	131	262
7 7th St [South]	Key Local	26	52	27	26	131	
8 7th Ave [North]	Local	11	24	13	13	62	128
8 7th Ave [South]	Local	12	26	14	14	66	
10 Roosevelt St [East]	Local	3	7	4	4	17	36
10 Roosevelt St [West]	Local	3	7	4	4	19	
12 12th St [North]	Local	7	12	7	7	33	70
12 12th St [South]	Local	7	14	7	8	37	
13 Buckeye Rd [East]	Local	6	12	8	11	37	74
13 Buckeye Rd [West]	Local	7	13	10	13	43	
15 15th Ave [North]	Local	5	12	7	8	33	80
15 15th Ave [South]	Local	7	15	9	10	41	
16 16th St [North]	Local	20	37	23	21	101	210
16 16th St [South]	Local	22	40	25	23	109	
17 McDowell Rd [East]	Local	39	82	49	44	214	444
17 McDowell Rd [West]	Local	42	88	53	47	230	
19 19th Ave [North]	Key Local	40	88	52	55	236	458
19 19th Ave [South]	Key Local	38	83	49	52	222	
27 27th Ave [North]	Local	18	44	24	30	116	233
27 27th Ave [South]	Local	19	44	24	31	118	
28 Lower Buckeye Rd [East]	Local	1	3	2	3	9	19
28 Lower Buckeye Rd [West]	Local	1	3	3	3	10	
29 Thomas Rd [East]	Key Local	54	105	56	47	263	531
29 Thomas Rd [West]	Key Local	55	107	57	48	268	



VALLEY METRO 2023 ORIGIN AND DESTINATION SURVEY FINAL REPORT

FINAL ROUTE DIRECTION	Service Type	SAMPLE GOALS					Direction TOTAL	Route TOTAL
		1 = PRE 9A	2 = 900A - 300P	3 = 300P - 600P	4 = Aft 600P			
30 University Dr [East]	Local	12	23	14	15	64	131	
30 University Dr [West]	Local	13	24	14	16	67		
32 32nd St/40th St [North]	Local	13	20	14	13	60	113	
32 32nd St/40th St [South]	Local	11	17	12	12	53		
35 35th Ave [North]	Local	31	62	35	39	167	329	
35 35th Ave [South]	Local	30	61	34	38	162		
39 North 40th St [North]	Local	1	3	1	2	7	13	
39 North 40th St [South]	Local	1	2	1	1	6		
40 Main St [East]	Key Local	7	19	10	11	47	93	
40 Main St [West]	Key Local	7	18	10	11	46		
41 Indian School Rd [East]	Key Local	39	91	51	45	225	464	
41 Indian School Rd [West]	Key Local	42	96	54	48	239		
43 43rd Ave [North]	Local	11	22	13	14	59	119	
43 43rd Ave [South]	Local	11	22	13	14	61		
44 44th St/Tatum Blvd [North]	Local	11	22	14	16	64	130	
44 44th St/Tatum Blvd [South]	Local	12	23	15	17	66		
45 Broadway Rd [East]	Local	14	27	17	16	74	159	
45 Broadway Rd [West]	Local	16	31	20	18	85		
48 48th St [North]	Local	2	5	3	4	14	33	
48 48th St [South]	Local	3	7	4	5	19		
50 Camelback Rd [East]	Key Local	52	101	51	56	259	516	
50 Camelback Rd [West]	Key Local	51	100	51	55	256		
51 51st Ave [North]	Local	12	32	20	25	89	189	
51 51st Ave [South]	Local	14	36	22	28	100		
52 Roeser Rd [East]	Local	5	6	4	4	18	35	
52 Roeser Rd [West]	Local	5	5	3	3	17		
56 Priest Dr [North]	Local	5	12	8	7	32	64	
56 Priest Dr [South]	Local	5	12	8	7	31		
59 59th Ave [North]	Local	17	33	16	14	80	162	
59 59th Ave [South]	Local	17	34	16	14	81		
60 Bethany Home Rd [East]	Local	15	36	23	18	93	184	
60 Bethany Home Rd [West]	Local	15	35	23	18	91		



VALLEY METRO 2023 ORIGIN AND DESTINATION SURVEY FINAL REPORT

FINAL ROUTE DIRECTION	Service Type	SAMPLE GOALS					Direction TOTAL	Route TOTAL
		1 = PRE 9A	2 = 900A - 300P	3 = 300P - 600P	4 = Aft 600P			
61 Southern Ave [East]	Local	21	45	22	26	114	228	
61 Southern Ave [West]	Local	21	45	22	26	114		
62 Hardy Dr [North]	Local	4	10	7	8	30	61	
62 Hardy Dr [South]	Local	4	11	8	8	32		
66 Mill Ave/Kyrene Rd [North]	Local	7	12	8	7	34	73	
66 Mill Ave/Kyrene Rd [South]	Local	8	14	9	8	40		
67 67th Ave [North]	Local	12	24	15	13	63	126	
67 67th Ave [South]	Local	12	24	15	13	63		
70 24th St/Glendale Ave [East]	Local	46	89	53	52	239	475	
70 24th St/Glendale Ave [West]	Local	45	88	52	51	236		
72 Scottsdale Rd/Rural Rd [North]	Local	28	56	32	34	149	286	
72 Scottsdale Rd/Rural Rd [South]	Local	26	51	29	31	137		
75 75th Ave [North]	Local	3	7	5	5	21	41	
75 75th Ave [South]	Local	3	7	5	5	20		
77 Baseline Rd [East]	Local	14	27	13	18	72	144	
77 Baseline Rd [West]	Local	14	26	13	18	71		
80 Northern Ave/Shea Blvd [East]	Local	10	21	12	13	55	112	
80 Northern Ave/Shea Blvd [West]	Local	10	21	12	13	56		
81 Hayden Rd/McClintock Dr [North]	Local	13	27	17	18	74	154	
81 Hayden Rd/McClintock Dr [South]	Local	14	29	18	19	80		
83 83rd Ave [North]	Local	4	9	6	6	26	54	
83 83rd Ave [South]	Local	5	10	6	7	28		
90 Dunlap Ave/Cave Creek Rd [East]	Local	14	32	19	19	85	165	
90 Dunlap Ave/Cave Creek Rd [West]	Local	14	31	18	18	80		
96 Dobson Rd [North]	Local	8	18	12	10	48	93	
96 Dobson Rd [South]	Local	8	17	11	9	45		
104 Alma School Rd [North]	Local	5	11	7	5	28	52	
104 Alma School Rd [South]	Local	5	9	6	4	24		
106 Peoria Ave [East]	Local	10	26	15	14	64	129	
106 Peoria Ave [West]	Local	10	26	15	14	65		



VALLEY METRO 2023 ORIGIN AND DESTINATION SURVEY FINAL REPORT

FINAL ROUTE DIRECTION	Service Type	SAMPLE GOALS					Direction TOTAL	Route TOTAL
		1 = PRE 9A	2 = 900A - 300P	3 = 300P - 600P	4 = Aft 600P			
108 Elliot Rd/48th St [East]	Local	5	10	7	6	28	58	
108 Elliot Rd/48th St [West]	Local	6	11	7	6	30		
112 Country Club Dr/Arizona Ave [North]	Key Local	16	34	20	18	88	172	
112 Country Club Dr/Arizona Ave [South]	Key Local	15	33	19	17	84		
120 Mesa Dr [North]	Local	2	7	4	3	16	29	
120 Mesa Dr [South]	Local	2	5	3	3	13		
122 Cactus Rd [East]	Local	4	9	5	8	26	46	
122 Cactus Rd [West]	Local	3	7	4	6	21		
128 Stapley Dr [North]	Local	2	5	3	2	12	24	
128 Stapley Dr [South]	Local	2	5	3	2	12		
136 Gilbert Rd [North]	Local	5	11	6	5	27	61	
136 Gilbert Rd [South]	Local	5	14	8	7	34		
138 Thunderbird Rd [East]	Local	10	20	11	13	55	104	
138 Thunderbird Rd [West]	Local	9	18	10	12	49		
140 Ray Rd [East]	Local	3	5	3	2	13	26	
140 Ray Rd [West]	Local	2	5	3	2	13		
154 Greenway Rd [East]	Local	9	13	9	10	41	76	
154 Greenway Rd [West]	Local	8	11	8	8	35		
156 Chandler Blvd [East]	Local	9	20	12	11	52	110	
156 Chandler Blvd [West]	Local	10	23	13	12	58		
170 Bell Rd [East]	Local	18	47	27	30	121	246	
170 Bell Rd [West]	Local	18	48	27	31	125		
184 Power Rd [North]	Local	3	6	4	3	16	35	
184 Power Rd [South]	Local	4	7	4	4	19		
186 Union Hills Dr/Mayo Blvd [East]	Local	7	12	7	8	34	65	
186 Union Hills Dr/Mayo Blvd [West]	Local	6	11	6	7	31		
514 Scottsdale Express [Inbound]	Express	0	0	0	0	1	1	
514 Scottsdale Express [Outbound]	Express	0	0	0	0	0		
515 FH-Mesa Connector [Inbound]	Express	0	0	0	0	0	0	
515 FH-Mesa Connector [Outbound]	Express	0	0	0	0	0		



VALLEY METRO 2023 ORIGIN AND DESTINATION SURVEY FINAL REPORT

FINAL ROUTE DIRECTION	Service Type	SAMPLE GOALS					
		1 = PRE 9A	2 = 900A - 300P	3 = 300P - 600P	4 = Aft 600P	Direction TOTAL	Route TOTAL
521 Central Tempe Express [Inbound]	Express	1	0	1	0	1	3
521 Central Tempe Express [Outbound]	Express	1	0	1	0	1	
522 South Tempe Express [Inbound]	Express	1	0	1	0	1	2
522 South Tempe Express [Outbound]	Express	1	0	0	0	1	
531 Mesa/Gilbert Express [Inbound]	Express	1	0	1	0	2	4
531 Mesa/Gilbert Express [Outbound]	Express	1	0	1	0	2	
533 Mesa Express [Inbound]	Express	2	0	2	1	5	10
533 Mesa Express [Outbound]	Express	2	0	2	1	5	
535 Northeast Mesa Express [Inbound]	Express	1	0	2	0	3	8
535 Northeast Mesa Express [Outbound]	Express	2	0	3	1	5	
542 Chandler Express [Inbound]	Express	4	0	4	0	8	15
542 Chandler Express [Outbound]	Express	4	0	3	0	7	
562 Goodyear Express [Inbound]	Express	1	0	1	0	3	6
562 Goodyear Express [Outbound]	Express	1	0	1	0	3	
563 Avondale/Buckeye Express [Inbound]	Express	1	0	1	0	2	5
563 Avondale/Buckeye Express [Outbound]	Express	1	0	2	0	3	
571 Surprise Express [Inbound]	Express	0	0	1	1	2	3
571 Surprise Express [Outbound]	Express	0	0	0	1	1	
573 West Glendale Express [Inbound]	Express	0	0	1	2	3	4
573 West Glendale Express [Outbound]	Express	0	0	0	1	1	
575 North Glendale Express [Inbound]	Express	2	0	0	0	2	3
575 North Glendale Express [Outbound]	Express	0	0	0	0	0	
685 Ajo/Gila Bend [North]		-	-	-	-	0	0
685 Ajo/Gila Bend [South]		-	-	-	-	0	

FINAL ROUTE DIRECTION	Service Type	SAMPLE GOALS					
		1 = PRE 9A	2 = 900A - 300P	3 = 300P - 600P	4 = Aft 600P	Direction TOTAL	Route TOTAL
0A South Central Shuttle [North]	Key Local	17	37	20	16	90	202
0A South Central Shuttle [South]	Key Local	21	46	24	20	112	
16s 16th St [South]	Local	-	-	-	-	0	0
17s McDowell Rd [East]	Local	-	-	-	-	0	0
32s 32nd St/40th St [North]	Local	-	-	-	-	0	0
32s 32nd St/40th St [South]	Local	-	-	-	-	0	0
52s Roeser Rd [East]	Local	-	-	-	-	0	0
59s 59th Ave [North]	Local	-	-	-	-	0	0
59s 59th Ave [South]	Local	-	-	-	-	0	0
61s Southern Ave [West]	Local	-	-	-	-	0	0
62s Hardy Dr [North]	Local	-	-	-	-	0	0
68CM 68th St/Camelback Rd [North]	Key Local	10	16	8	1	35	76
68CM 68th St/Camelback Rd [South]	Key Local	12	19	9	1	41	
81s Hayden Rd/McClintock Dr [North]		-	-	-	-	0	0
ALEX ALEX Circulator [East]	Circulator	2	3	2	0	7	12
ALEX ALEX Circulator [West]	Circulator	2	2	1	0	5	
DASH Downtown DASH [East]	Circulator	6	17	6	1	29	43
DASH Downtown DASH [West]	Circulator	3	8	3	0	14	
DBUZ Downtown BUZZ [East]	Circulator	2	4	3	2	11	21
DBUZ Downtown BUZZ [West]	Circulator	2	3	3	2	10	
EART Orbit Earth [East]	Circulator	7	18	12	10	48	89
EART Orbit Earth [West]	Circulator	6	15	11	9	41	
FBUZ Fiesta BUZZ [North]	Circulator	2	5	3	3	13	28
FBUZ Fiesta BUZZ [South]	Circulator	2	5	4	4	15	
FLSH FLASH [North]	Circulator	1	3	2	1	7	18
FLSH FLASH [South]	Circulator	1	5	2	2	11	
GAL Grand Ave Limited [East]	Local	0	0	0	0	1	1
GAL Grand Ave Limited [West]	Local	0	0	0	0	1	



VALLEY METRO 2023 ORIGIN AND DESTINATION SURVEY FINAL REPORT

FINAL ROUTE DIRECTION	Service Type	SAMPLE GOALS					Direction TOTAL	Route TOTAL
		1 = PRE 9A	2 = 900A - 300P	3 = 300P - 600P	4 = Aft 600P			
GUS1 GUS 1 [Counterclockwise]	Circulator	18	0	0	0	18	54	
GUS2 GUS 2 [Clockwise]	Circulator	18	0	0	0	18		
GUS3 GUS 3 [Counterclockwise]	Circulator	18	0	0	0	18		
I10E I-10 East RAPID [Inbound]	Rapid	6	0	3	0	9	15	
I10E I-10 East RAPID [Outbound]	Rapid	3	0	2	0	5		
I10W I-10 West RAPID [Inbound]	Rapid	5	0	2	1	8	12	
I10W I-10 West RAPID [Outbound]	Rapid	3	0	1	0	4		
I17 I-17 RAPID [Inbound]	Rapid	7	0	9	1	17	36	
I17 I-17 RAPID [Outbound]	Rapid	8	0	9	1	18		
JUPI Orbit Jupiter [North]	Circulator	9	20	16	10	54	120	
JUPI Orbit Jupiter [South]	Circulator	10	24	19	12	66		
MARS Orbit Mars [North]	Circulator	14	39	24	26	103	215	
MARS Orbit Mars [South]	Circulator	16	42	26	28	112		
MARY MARY Circulator [Clockwise]	Circulator	0	3	1	0	4	10	
MARY MARY Circulator [Counterclockwise]	Circulator	1	3	1	0	6		
MARz Orbit Mars [North]	Circulator	-	-	-	-	0	0	
MERC Orbit Mercury [East]	Circulator	9	33	21	18	81	155	
MERC Orbit Mercury [West]	Circulator	9	30	19	16	73		
MLHD Miller Rd/Hayden Rd [North]	Circulator	5	13	7	1	26	80	
MLHD Miller Rd/Hayden Rd [South]	Circulator	10	26	15	2	54		
MSTG Mustang [North]	Circulator	3	6	3	1	13	30	
MSTG Mustang [South]	Circulator	4	8	4	1	17		
PGOB Peoria POGO Blue Route [North]	Circulator	0	0	0	0	0	0	
PGOB Peoria POGO Blue Route [South]	Circulator	0	0	0	0	0		
PGOG Peoria POGO Green Route [North]	Circulator	0	0	0	0	0	1	
PGOG Peoria POGO Green Route [South]	Circulator	0	0	0	0	0		
PGOR Peoria POGO Red Route [North]	Circulator	0	0	0	0	0	0	
PGOR Peoria POGO Red Route [South]	Circulator	0	0	0	0	0		



VALLEY METRO 2023 ORIGIN AND DESTINATION SURVEY FINAL REPORT

FINAL ROUTE DIRECTION	Service Type	SAMPLE GOALS					Direction TOTAL	Route TOTAL
		1 = PRE 9A	2 = 900A - 300P	3 = 300P - 600P	4 = Aft 600P			
RAIL Valley Metro Rail [East]	Express	461	968	625	814	2868	5573	
RAIL Valley Metro Rail [West]	Express	426	931	586	761	2705		
S Valley Metro Streetcar [North]	Express	21	89	58	79	247	459	
S Valley Metro Streetcar [South]	Express	30	84	40	59	213		
SKYT PHX Sky Train [West]		-	-	-	-	0	0	
SKYT PHX Sky Train [East]		-	-	-	-	0		
SME South Mountain East RAPID [Inbound]	Rapid	0	0	0	0	0	0	
SME South Mountain East RAPID [Outbound]	Rapid	0	0	0	0	0		
SMRT SMART Circulator [East]	Circulator	3	7	4	0	13	27	
SMRT SMART Circulator [West]	Circulator	3	7	4	0	14		
SMW South Mountain West RAPID [Inbound]	Rapid	1	0	0	0	1	2	
SMW South Mountain West RAPID [Outbound]	Rapid	0	0	0	0	1		
SR51 SR 51 RAPID [Inbound]	Rapid	6	0	3	1	10	16	
SR51 SR 51 RAPID [Outbound]	Rapid	3	0	2	1	5		
STRN Orbit Saturn [East]	Circulator	2	4	3	2	11	23	
STRN Orbit Saturn [West]	Circulator	2	5	4	2	12		
VENU Orbit Venus [Clockwise]	Circulator	10	19	16	15	59	121	
VENU Orbit Venus [Counterclockwise]	Circulator	10	20	16	15	62		
ZOOM Avondale Circulator [North]	Circulator	3	8	3	2	15	28	
ZOOM Avondale Circulator [South]	Circulator	2	6	2	2	13		

OD Survey Completed by Time of Day and Direction

VM Bus OD Surveys Completed By Time Of Day And Direction

FINAL ROUTE DIRECTION	Service Type	COLLECTION					Direction TOTAL	ROUTE TOTAL
		1 = PRE 9A	2 = 900A - 300P	3 = 300P - 600P	4 = Aft 600P			
0 Central Ave [North]	Local	19	16	12	19	66	120	
0 Central Ave [South]	Local	17	21	11	5	54		
1 Washington St [East]	Local	1	5	6	4	16	41	
1 Washington St [West]	Local	3	10	7	5	25		
3 Van Buren St [East]	Key Local	28	76	32	43	179	367	
3 Van Buren St [West]	Key Local	46	63	41	38	188		
7 7th St [North]	Key Local	35	73	32	26	166	327	
7 7th St [South]	Key Local	42	56	35	28	161		
8 7th Ave [North]	Local	19	27	12	11	69	149	
8 7th Ave [South]	Local	18	29	22	11	80		
10 Roosevelt St [East]	Local	3	10	3	3	19	38	
10 Roosevelt St [West]	Local	9	8	2	0	19		
12 12th St [North]	Local	24	30	11	14	79	160	
12 12th St [South]	Local	22	34	12	13	81		
13 Buckeye Rd [East]	Local	9	18	13	17	57	116	
13 Buckeye Rd [West]	Local	13	19	12	15	59		
15 15th Ave [North]	Local	8	21	11	9	49	88	
15 15th Ave [South]	Local	10	15	6	8	39		
16 16th St [North]	Local	27	46	39	22	134	259	
16 16th St [South]	Local	33	45	23	24	125		
17 McDowell Rd [East]	Local	53	101	61	70	285	601	
17 McDowell Rd [West]	Local	54	123	72	67	316		
19 19th Ave [North]	Key Local	50	120	89	65	324	623	
19 19th Ave [South]	Key Local	57	105	70	67	299		
27 27th Ave [North]	Local	25	48	29	34	136	270	
27 27th Ave [South]	Local	28	42	27	37	134		
28 Lower Buckeye Rd [East]	Local	1	4	5	5	15	30	
28 Lower Buckeye Rd [West]	Local	2	4	3	6	15		



VALLEY METRO 2023 ORIGIN AND DESTINATION SURVEY FINAL REPORT

FINAL ROUTE DIRECTION	Service Type	COLLECTION					ROUTE TOTAL
		1 = PRE 9A	2 = 900A - 300P	3 = 300P - 600P	4 = Aft 600P	Direction TOTAL	
29 Thomas Rd [East]	Key Local	70	133	67	67	337	662
29 Thomas Rd [West]	Key Local	57	126	82	60	325	
30 University Dr [East]	Local	20	37	19	25	101	198
30 University Dr [West]	Local	22	21	28	26	97	
32 32nd St/40th St [North]	Local	16	30	19	20	85	172
32 32nd St/40th St [South]	Local	14	35	16	22	87	
35 35th Ave [North]	Local	38	81	39	50	208	416
35 35th Ave [South]	Local	41	81	37	49	208	
39 North 40th St [North]	Local	3	2	3	0	8	18
39 North 40th St [South]	Local	3	3	3	1	10	
40 Main St [East]	Key Local	14	31	17	16	78	155
40 Main St [West]	Key Local	15	29	15	18	77	
41 Indian School Rd [East]	Key Local	71	115	65	59	310	621
41 Indian School Rd [West]	Key Local	50	124	73	64	311	
43 43rd Ave [North]	Local	17	29	19	13	78	154
43 43rd Ave [South]	Local	15	28	15	18	76	
44 44th St/Tatum Blvd [North]	Local	17	41	20	22	100	179
44 44th St/Tatum Blvd [South]	Local	8	31	21	19	79	
45 Broadway Rd [East]	Local	22	48	25	24	119	241
45 Broadway Rd [West]	Local	23	43	30	26	122	
48 48th St [North]	Local	0	8	5	17	30	59
48 48th St [South]	Local	5	7	7	10	29	
50 Camelback Rd [East]	Key Local	81	115	70	67	333	640
50 Camelback Rd [West]	Key Local	57	109	64	77	307	
51 51st Ave [North]	Local	15	31	20	29	95	203
51 51st Ave [South]	Local	16	45	20	27	108	
52 Roeser Rd [East]	Local	10	5	3	1	19	48
52 Roeser Rd [West]	Local	4	14	5	6	29	
56 Priest Dr [North]	Local	15	13	12	26	66	133
56 Priest Dr [South]	Local	8	23	15	21	67	
59 59th Ave [North]	Local	23	32	19	18	92	173
59 59th Ave [South]	Local	17	34	20	10	81	



VALLEY METRO 2023 ORIGIN AND DESTINATION SURVEY FINAL REPORT

FINAL ROUTE DIRECTION	Service Type	COLLECTION					Direction TOTAL	ROUTE TOTAL
		1 = PRE 9A	2 = 900A - 300P	3 = 300P - 600P	4 = Aft 600P			
60 Bethany Home Rd [East]	Local	20	42	25	26	113	222	
60 Bethany Home Rd [West]	Local	16	43	28	22	109		
61 Southern Ave [East]	Local	38	70	27	30	165	328	
61 Southern Ave [West]	Local	24	74	31	34	163		
62 Hardy Dr [North]	Local	13	22	12	16	63	114	
62 Hardy Dr [South]	Local	6	23	12	10	51		
66 Mill Ave/Kyrene Rd [North]	Local	10	16	21	16	63	121	
66 Mill Ave/Kyrene Rd [South]	Local	10	19	14	15	58		
67 67th Ave [North]	Local	14	30	13	17	74	158	
67 67th Ave [South]	Local	17	37	13	17	84		
70 24th St/Glendale Ave [East]	Local	58	98	78	72	306	607	
70 24th St/Glendale Ave [West]	Local	39	110	75	77	301		
72 Scottsdale Rd/Rural Rd [North]	Local	38	83	42	46	209	389	
72 Scottsdale Rd/Rural Rd [South]	Local	36	60	44	40	180		
75 75th Ave [North]	Local	9	11	4	8	32	60	
75 75th Ave [South]	Local	5	8	7	8	28		
77 Baseline Rd [East]	Local	15	22	20	13	70	164	
77 Baseline Rd [West]	Local	14	33	22	25	94		
80 Northern Ave/Shea Blvd [East]	Local	25	40	15	18	98	196	
80 Northern Ave/Shea Blvd [West]	Local	17	34	27	20	98		
81 Hayden Rd/McClintock Dr [North]	Local	18	26	30	23	97	206	
81 Hayden Rd/McClintock Dr [South]	Local	24	40	21	24	109		
83 83rd Ave [North]	Local	5	14	7	11	37	77	
83 83rd Ave [South]	Local	5	13	13	9	40		
90 Dunlap Ave/Cave Creek Rd [East]	Local	24	38	28	34	124	242	
90 Dunlap Ave/Cave Creek Rd [West]	Local	23	39	32	24	118		
96 Dobson Rd [North]	Local	6	28	18	13	65	141	
96 Dobson Rd [South]	Local	16	26	18	16	76		
104 Alma School Rd [North]	Local	8	15	11	8	42	86	
104 Alma School Rd [South]	Local	9	20	9	6	44		



VALLEY METRO 2023 ORIGIN AND DESTINATION SURVEY FINAL REPORT

FINAL ROUTE DIRECTION	Service Type	COLLECTION					Direction TOTAL	ROUTE TOTAL
		1 = PRE 9A	2 = 900A - 300P	3 = 300P - 600P	4 = Aft 600P			
106 Peoria Ave [East]	Local	15	32	21	18	86	176	
106 Peoria Ave [West]	Local	14	34	20	22	90		
108 Elliot Rd/48th St [East]	Local	9	16	12	8	45	95	
108 Elliot Rd/48th St [West]	Local	8	15	13	14	50		
112 Country Club Dr/Arizona Ave [North]	Key Local	16	49	41	40	146	251	
112 Country Club Dr/Arizona Ave [South]	Key Local	23	46	17	19	105		
120 Mesa Dr [North]	Local	8	11	9	3	31	56	
120 Mesa Dr [South]	Local	9	11	3	2	25		
122 Cactus Rd [East]	Local	4	14	15	11	44	83	
122 Cactus Rd [West]	Local	4	8	11	16	39		
128 Stapley Dr [North]	Local	0	9	4	10	23	40	
128 Stapley Dr [South]	Local	0	7	6	4	17		
136 Gilbert Rd [North]	Local	11	16	16	11	54	120	
136 Gilbert Rd [South]	Local	19	19	15	13	66		
138 Thunderbird Rd [East]	Local	11	26	16	19	72	150	
138 Thunderbird Rd [West]	Local	11	31	13	23	78		
140 Ray Rd [East]	Local	4	5	4	2	15	28	
140 Ray Rd [West]	Local	4	6	3	0	13		
154 Greenway Rd [East]	Local	11	16	6	9	42	85	
154 Greenway Rd [West]	Local	8	16	10	9	43		
156 Chandler Blvd [East]	Local	12	34	18	16	80	151	
156 Chandler Blvd [West]	Local	17	25	14	15	71		
170 Bell Rd [East]	Local	27	43	26	31	127	262	
170 Bell Rd [West]	Local	23	53	26	33	135		
184 Power Rd [North]	Local	5	12	8	2	27	58	
184 Power Rd [South]	Local	8	10	4	9	31		
186 Union Hills Dr/Mayo Blvd [East]	Local	8	12	11	6	37	73	
186 Union Hills Dr/Mayo Blvd [West]	Local	6	15	7	8	36		
514 Scottsdale Express [Inbound]	Express	0	1	0	0	1	1	
514 Scottsdale Express [Outbound]	Express	0	0	0	0	0		



VALLEY METRO 2023 ORIGIN AND DESTINATION SURVEY FINAL REPORT

FINAL ROUTE DIRECTION	Service Type	COLLECTION					Direction TOTAL	ROUTE TOTAL
		1 = PRE 9A	2 = 900A - 300P	3 = 300P - 600P	4 = Aft 600P			
515 FH-Mesa Connector [Inbound]	Express	0	0	0	0	0	0	
515 FH-Mesa Connector [Outbound]	Express	0	0	0	0	0		
521 Central Tempe Express [Inbound]	Express	0	1	0	0	1	7	
521 Central Tempe Express [Outbound]	Express	0	0	5	1	6		
522 South Tempe Express [Inbound]	Express	1	0	0	0	1	8	
522 South Tempe Express [Outbound]	Express	0	0	7	0	7		
531 Mesa/Gilbert Express [Inbound]	Express	3	0	0	1	4	11	
531 Mesa/Gilbert Express [Outbound]	Express	0	1	5	1	7		
533 Mesa Express [Inbound]	Express	3	0	0	1	4	11	
533 Mesa Express [Outbound]	Express	0	0	7	0	7		
535 Northeast Mesa Express [Inbound]	Express	4	0	1	0	5	15	
535 Northeast Mesa Express [Outbound]	Express	0	1	9	0	10		
542 Chandler Express [Inbound]	Express	2	0	0	5	7	23	
542 Chandler Express [Outbound]	Express	0	0	16	0	16		
562 Goodyear Express [Inbound]	Express	1	0	0	1	2	4	
562 Goodyear Express [Outbound]	Express	0	0	2	0	2		
563 Avondale/Buckeye Express [Inbound]	Express	1	0	0	0	1	2	
563 Avondale/Buckeye Express [Outbound]	Express	0	0	1	0	1		
571 Surprise Express [Inbound]	Express	0	1	0	2	3	6	
571 Surprise Express [Outbound]	Express	0	1	1	1	3		
573 West Glendale Express [Inbound]	Express	2	0	0	0	2	4	
573 West Glendale Express [Outbound]	Express	0	0	2	0	2		
575 North Glendale Express [Inbound]	Express	0	0	0	0	0	2	
575 North Glendale Express [Outbound]	Express	0	0	2	0	2		
685 Ajo/Gila Bend [North]		0	0	0	0	0	1	
685 Ajo/Gila Bend [South]		0	0	1	0	1		



VALLEY METRO 2023 ORIGIN AND DESTINATION SURVEY FINAL REPORT

FINAL ROUTE DIRECTION	Service Type	COLLECTION					Direction TOTAL	ROUTE TOTAL
		1 = PRE 9A	2 = 900A - 300P	3 = 300P - 600P	4 = Aft 600P			
0A South Central Shuttle [North]	Key Local	13	33	27	25	98	206	
0A South Central Shuttle [South]	Key Local	25	37	24	22	108		
16s 16th St [South]	Local	0	0	0	0	0	0	
17s McDowell Rd [East]	Local	0	0	0	0	0	0	
32s 32nd St/40th St [North]	Local	0	0	0	0	0	0	
32s 32nd St/40th St [South]	Local	0	0	0	0	0	0	
52s Roeser Rd [East]	Local	0	0	0	0	0	0	
59s 59th Ave [North]	Local	0	0	0	0	0	0	
59s 59th Ave [South]	Local	0	0	0	0	0	0	
61s Southern Ave [West]	Local	0	0	0	0	0	0	
62s Hardy Dr [North]	Local	0	0	0	0	0	0	
68CM 68th St/Camelback Rd [North]	Key Local	4	8	3	1	16	32	
68CM 68th St/Camelback Rd [South]	Key Local	4	7	2	3	16		
81s Hayden Rd/McClintock Dr [North]		0	0	0	0	0	0	
ALEX ALEX Circulator [East]	Circulator	2	5	4	0	11	21	
ALEX ALEX Circulator [West]	Circulator	2	3	4	1	10		
DASH Downtown DASH [East]	Circulator	5	15	4	1	25	48	
DASH Downtown DASH [West]	Circulator	2	12	8	1	23		
DBUZ Downtown BUZZ [East]	Circulator	1	7	5	2	15	24	
DBUZ Downtown BUZZ [West]	Circulator	2	4	0	3	9		
EART Orbit Earth [East]	Circulator	6	19	11	11	47	100	
EART Orbit Earth [West]	Circulator	11	20	13	9	53		
FBUZ Fiesta BUZZ [North]	Circulator	3	9	1	1	14	31	
FBUZ Fiesta BUZZ [South]	Circulator	0	15	1	1	17		
FLSH FLASH [North]	Circulator	0	2	1	0	3	7	
FLSH FLASH [South]	Circulator	1	2	1	0	4		
GAL Grand Ave Limited [East]	Local	0	0	0	0	0	0	
GAL Grand Ave Limited [West]	Local	0	0	0	0	0		
GUS1 GUS 1 [Counterclockwise]	Circulator	7	10	1	0	18	56	
GUS2 GUS 2 [Clockwise]	Circulator	0	11	7	0	18		
GUS3 GUS 3 [Counterclockwise]	Circulator	0	18	2	0	20		



VALLEY METRO 2023 ORIGIN AND DESTINATION SURVEY FINAL REPORT

FINAL ROUTE DIRECTION	Service Type	COLLECTION					ROUTE TOTAL
		1 = PRE 9A	2 = 900A - 300P	3 = 300P - 600P	4 = Aft 600P	Direction TOTAL	
I10E I-10 East RAPID [Inbound]	Rapid	4	0	0	0	4	8
I10E I-10 East RAPID [Outbound]	Rapid	0	0	4	0	4	
I10W I-10 West RAPID [Inbound]	Rapid	3	0	0	0	3	3
I10W I-10 West RAPID [Outbound]	Rapid	0	0	0	0	0	
I17 I-17 RAPID [Inbound]	Rapid	10	0	0	2	12	24
I17 I-17 RAPID [Outbound]	Rapid	0	0	12	0	12	
JUPI Orbit Jupiter [North]	Circulator	14	27	19	14	74	147
JUPI Orbit Jupiter [South]	Circulator	17	20	19	17	73	
MARS Orbit Mars [North]	Circulator	15	57	25	14	111	218
MARS Orbit Mars [South]	Circulator	14	38	22	33	107	
MARY MARY Circulator [Clockwise]	Circulator	0	9	1	0	10	12
MARY MARY Circulator [Counterclockwise]	Circulator	0	1	1	0	2	
MARz Orbit Mars [North]	Circulator	0	0	0	0	0	0
MERC Orbit Mercury [East]	Circulator	6	33	28	24	91	170
MERC Orbit Mercury [West]	Circulator	19	38	13	9	79	
MLHD Miller Rd/Hayden Rd [North]	Circulator	3	16	7	2	28	52
MLHD Miller Rd/Hayden Rd [South]	Circulator	4	10	5	5	24	
MSTG Mustang [North]	Circulator	2	9	2	4	17	40
MSTG Mustang [South]	Circulator	4	12	5	2	23	
PGOB Peoria POGO Blue Route [North]	Circulator	0	1	0	0	1	2
PGOB Peoria POGO Blue Route [South]	Circulator	0	0	0	1	1	
PGOG Peoria POGO Green Route [North]	Circulator	0	0	0	0	0	0
PGOG Peoria POGO Green Route [South]	Circulator	0	0	0	0	0	
PGOR Peoria POGO Red Route [North]	Circulator	0	0	0	0	0	0
PGOR Peoria POGO Red Route [South]	Circulator	0	0	0	0	0	
RAIL Valley Metro Rail [East]	Express	506	1032	618	752	2908	5782
RAIL Valley Metro Rail [West]	Express	495	955	683	741	2874	



VALLEY METRO 2023 ORIGIN AND DESTINATION SURVEY FINAL REPORT

FINAL ROUTE DIRECTION	Service Type	COLLECTION					Direction TOTAL	ROUTE TOTAL
		1 = PRE 9A	2 = 900A - 300P	3 = 300P - 600P	4 = Aft 600P			
S Valley Metro Streetcar [North]	Express	52	120	59	41	272	514	
S Valley Metro Streetcar [South]	Express	21	104	49	68	242		
SKYT PHX Sky Train [West]		1	4	3	8	16	31	
SKYT PHX Sky Train [East]		5	3	0	7	15		
SME South Mountain East RAPID [Inbound]	Rapid	0	0	0	0	0	0	
SME South Mountain East RAPID [Outbound]	Rapid	0	0	0	0	0		
SMRT SMART Circulator [East]	Circulator	1	10	1	1	13	28	
SMRT SMART Circulator [West]	Circulator	4	8	1	2	15		
SMW South Mountain West RAPID [Inbound]	Rapid	3	0	0	0	3	3	
SMW South Mountain West RAPID [Outbound]	Rapid	0	0	0	0	0		
SR51 SR 51 RAPID [Inbound]	Rapid	6	0	0	0	6	9	
SR51 SR 51 RAPID [Outbound]	Rapid	0	0	2	1	3		
STRN Orbit Saturn [East]	Circulator	0	2	0	0	2	6	
STRN Orbit Saturn [West]	Circulator	0	1	2	1	4		
VENU Orbit Venus [Clockwise]	Circulator	7	26	27	12	72	149	
VENU Orbit Venus [Counterclockwise]	Circulator	13	35	15	14	77		
ZOOM Avondale Circulator [North]	Circulator	0	6	4	3	13	29	
ZOOM Avondale Circulator [South]	Circulator	1	11	2	2	16		

O2O Sample Plans By Time Of Day And Direction

VM Rail O2O Sampling Plan By Station, Time Of Day, and Direction

		O2O Goals (20%) See Row 83 and 83					
Rail Station	Direction	AM PEAK 6AM- 8:59AM	MIDDAY 9AM- 2:59PM	PM PEAK 3PM- 5:59PM	NIGHT 6PM- 5:59AM	Direction TOTAL	Station TOTALS
Dunlap/19th Ave	Eastbound	69	122	58	103	351	351
Dunlap/19th Ave	Westbound	0	0	0	0	0	
Northern/19th Ave	Eastbound	22	41	20	31	114	147
Northern/19th Ave	Westbound	5	11	6	12	33	
Glendale/19th Ave	Eastbound	27	45	23	38	133	189
Glendale/19th Ave	Westbound	8	19	11	19	56	
Montebello/19th Ave	Eastbound	26	58	33	47	163	265
Montebello/19th Ave	Westbound	8	31	23	40	102	
19th Ave/Camelback	Eastbound	39	44	21	34	139	230
19th Ave/Camelback	Westbound	10	30	21	31	91	
7th Ave/Camelback	Eastbound	15	21	11	15	62	119
7th Ave/Camelback	Westbound	6	19	16	16	57	
Central Ave/Camelback	Eastbound	13	18	11	15	56	90
Central Ave/Camelback	Westbound	3	11	10	10	34	
Campbell/Central Ave	Eastbound	7	20	23	8	58	116
Campbell/Central Ave	Westbound	4	19	31	5	58	
Indian School/Central Ave	Eastbound	18	35	21	22	97	156
Indian School/Central Ave	Westbound	11	19	14	14	58	
Osborn/Central Ave	Eastbound	8	18	10	10	46	82
Osborn/Central Ave	Westbound	5	13	10	8	36	
Thomas/Central Ave	Eastbound	17	37	22	21	97	171
Thomas/Central Ave	Westbound	10	26	20	18	74	
Encanto/Central Ave	Eastbound	5	9	7	7	28	47
Encanto/Central Ave	Westbound	3	6	5	5	19	
McDowell/Central Ave	Eastbound	16	33	21	21	91	170
McDowell/Central Ave	Westbound	11	28	21	18	79	
Roosevelt/Central Ave	Eastbound	8	15	10	15	48	118
Roosevelt/Central Ave	Westbound	11	23	14	22	70	
Van Buren/1st Ave	Eastbound	24	56	40	46	166	166



VALLEY METRO 2023 ORIGIN AND DESTINATION SURVEY FINAL REPORT

		O2O Goals (20%) See Row 83 and 83					
Rail Station	Direction	AM PEAK 6AM- 8:59AM	MIDDAY 9AM- 2:59PM	PM PEAK 3PM- 5:59PM	NIGHT 6PM- 5:59AM	Direction TOTAL	Station TOTALS
Van Buren/Central Ave	Westbound	17	42	27	24	111	111
Jefferson/1st Ave	Eastbound	11	37	35	29	112	112
Washington/Central Ave	Westbound	6	25	20	17	69	69
3rd St/Jefferson	Eastbound	5	20	17	28	71	71
3rd St/Washington	Westbound	5	15	13	19	52	52
12th St/Jefferson	Eastbound	7	14	8	10	39	39
12th St/Washington	Westbound	6	14	7	7	33	33
24th St/Jefferson	Eastbound	9	16	11	16	52	52
24th St/Washington	Westbound	11	23	13	20	67	67
38th St/Washington	Eastbound	9	14	7	9	40	83
38th St/Washington	Westbound	7	16	9	11	43	
44th St/Washington	Eastbound	13	33	20	39	106	215
44th St/Washington	Westbound	13	35	22	39	109	
50th/Washington	Eastbound	6	10	6	5	26	55
50th/Washington	Westbound	5	10	6	8	29	
Priest Dr/Washington St	Eastbound	6	11	9	13	39	105
Priest Dr/Washington St	Westbound	8	15	14	29	65	
Center Pkwy/Washington St	Eastbound	4	7	3	5	18	35
Center Pkwy/Washington St	Westbound	3	5	2	6	16	
Mill Ave/Third St	Eastbound	6	19	13	21	58	133
Mill Ave/Third St	Westbound	9	20	20	27	75	
Veterans Way/College Ave	Eastbound	9	28	27	24	88	185
Veterans Way/College Ave	Westbound	12	33	25	27	97	
University Dr/Rural Rd	Eastbound	5	16	12	20	54	106
University Dr/Rural Rd	Westbound	13	20	8	12	52	
Dorsey Ln/Apache Blvd	Eastbound	10	51	52	46	159	266
Dorsey Ln/Apache Blvd	Westbound	15	35	25	31	107	
McClintock Dr/Apache Blvd	Eastbound	6	19	14	21	60	200
McClintock Dr/Apache Blvd	Westbound	30	58	21	30	139	
Smith-Martin/Apache Blvd	Eastbound	4	9	5	7	25	68
Smith-Martin/Apache Blvd	Westbound	8	19	7	10	43	



VALLEY METRO 2023 ORIGIN AND DESTINATION SURVEY FINAL REPORT

		O2O Goals (20%) See Row 83 and 83					
Rail Station	Direction	AM PEAK 6AM- 8:59AM	MIDDAY 9AM- 2:59PM	PM PEAK 3PM- 5:59PM	NIGHT 6PM- 5:59AM	Direction TOTAL	Station TOTALS
Price-101/Apache Blvd	Eastbound	6	11	5	10	32	103
Price-101/Apache Blvd	Westbound	18	30	10	13	71	
Sycamore/Main St	Eastbound	9	24	15	21	69	167
Sycamore/Main St	Westbound	17	35	18	28	98	
Alma School Rd/Main St	Eastbound	9	22	13	22	65	161
Alma School Rd/Main St	Westbound	18	34	17	27	96	
Country Club Dr/Main St	Eastbound	6	15	9	12	42	142
Country Club Dr/Main St	Westbound	18	35	19	28	100	
Center St/Main St	Eastbound	2	8	3	5	19	70
Center St/Main St	Westbound	8	19	11	13	51	
Mesa Dr/Main St	Eastbound	4	9	6	12	30	115
Mesa Dr/Main St	Westbound	16	28	16	25	85	
Stapley Dr/Main St	Eastbound	2	6	2	5	16	75
Stapley Dr/Main St	Westbound	11	21	12	16	60	
Gilbert Rd/Main St	Eastbound	0	0	0	0	0	270
Gilbert Rd/Main St	Westbound	57	93	43	77	270	
GRAND TOTAL FOR RAIL		888	1,899	1,211	1,575	5,573	5,573

O2O Sample Plans by Time of Day and Direction

VM Rail O2O Sampling Plan by Station, Time of Day, and Direction

		O2O Goals (20%) See Row 83 and 83					
Rail Station	Direction	AM PEAK 6AM- 8:59AM	MIDDAY 9AM- 2:59PM	PM PEAK 3PM- 5:59PM	NIGHT 6PM- 5:59AM	Direction TOTAL	Station TOTALS
Dunlap/19th Ave	Eastbound	69	122	58	103	351	351
Dunlap/19th Ave	Westbound	0	0	0	0	0	
Northern/19th Ave	Eastbound	22	41	20	31	114	147
Northern/19th Ave	Westbound	5	11	6	12	33	
Glendale/19th Ave	Eastbound	27	45	23	38	133	189
Glendale/19th Ave	Westbound	8	19	11	19	56	
Montebello/19th Ave	Eastbound	26	58	33	47	163	265
Montebello/19th Ave	Westbound	8	31	23	40	102	
19th Ave/Camelback	Eastbound	39	44	21	34	139	230
19th Ave/Camelback	Westbound	10	30	21	31	91	
7th Ave/Camelback	Eastbound	15	21	11	15	62	119
7th Ave/Camelback	Westbound	6	19	16	16	57	
Central Ave/Camelback	Eastbound	13	18	11	15	56	90
Central Ave/Camelback	Westbound	3	11	10	10	34	
Campbell/Central Ave	Eastbound	7	20	23	8	58	116
Campbell/Central Ave	Westbound	4	19	31	5	58	
Indian School/Central Ave	Eastbound	18	35	21	22	97	156
Indian School/Central Ave	Westbound	11	19	14	14	58	
Osborn/Central Ave	Eastbound	8	18	10	10	46	82
Osborn/Central Ave	Westbound	5	13	10	8	36	
Thomas/Central Ave	Eastbound	17	37	22	21	97	171
Thomas/Central Ave	Westbound	10	26	20	18	74	
Encanto/Central Ave	Eastbound	5	9	7	7	28	47
Encanto/Central Ave	Westbound	3	6	5	5	19	
McDowell/Central Ave	Eastbound	16	33	21	21	91	170
McDowell/Central Ave	Westbound	11	28	21	18	79	
Roosevelt/Central Ave	Eastbound	8	15	10	15	48	118
Roosevelt/Central Ave	Westbound	11	23	14	22	70	
Van Buren/1st Ave	Eastbound	24	56	40	46	166	166



VALLEY METRO 2023 ORIGIN AND DESTINATION SURVEY FINAL REPORT

		O2O Goals (20%) See Row 83 and 83					
Rail Station	Direction	AM PEAK 6AM- 8:59AM	MIDDAY 9AM- 2:59PM	PM PEAK 3PM- 5:59PM	NIGHT 6PM- 5:59AM	Direction TOTAL	Station TOTALS
Van Buren/Central Ave	Westbound	17	42	27	24	111	111
Jefferson/1st Ave	Eastbound	11	37	35	29	112	112
Washington/Central Ave	Westbound	6	25	20	17	69	69
3rd St/Jefferson	Eastbound	5	20	17	28	71	71
3rd St/Washington	Westbound	5	15	13	19	52	52
12th St/Jefferson	Eastbound	7	14	8	10	39	39
12th St/Washington	Westbound	6	14	7	7	33	33
24th St/Jefferson	Eastbound	9	16	11	16	52	52
24th St/Washington	Westbound	11	23	13	20	67	67
38th St/Washington	Eastbound	9	14	7	9	40	83
38th St/Washington	Westbound	7	16	9	11	43	
44th St/Washington	Eastbound	13	33	20	39	106	215
44th St/Washington	Westbound	13	35	22	39	109	
50th/Washington	Eastbound	6	10	6	5	26	55
50th/Washington	Westbound	5	10	6	8	29	
Priest Dr/Washington St	Eastbound	6	11	9	13	39	105
Priest Dr/Washington St	Westbound	8	15	14	29	65	
Center Pkwy/Washington St	Eastbound	4	7	3	5	18	35
Center Pkwy/Washington St	Westbound	3	5	2	6	16	
Mill Ave/Third St	Eastbound	6	19	13	21	58	133
Mill Ave/Third St	Westbound	9	20	20	27	75	
Veterans Way/College Ave	Eastbound	9	28	27	24	88	185
Veterans Way/College Ave	Westbound	12	33	25	27	97	
University Dr/Rural Rd	Eastbound	5	16	12	20	54	106
University Dr/Rural Rd	Westbound	13	20	8	12	52	
Dorsey Ln/Apache Blvd	Eastbound	10	51	52	46	159	266
Dorsey Ln/Apache Blvd	Westbound	15	35	25	31	107	
McClintock Dr/Apache Blvd	Eastbound	6	19	14	21	60	200
McClintock Dr/Apache Blvd	Westbound	30	58	21	30	139	
Smith-Martin/Apache Blvd	Eastbound	4	9	5	7	25	68
Smith-Martin/Apache Blvd	Westbound	8	19	7	10	43	



VALLEY METRO 2023 ORIGIN AND DESTINATION SURVEY FINAL REPORT

		O2O Goals (20%) See Row 83 and 83					
Rail Station	Direction	AM PEAK 6AM- 8:59AM	MIDDAY 9AM- 2:59PM	PM PEAK 3PM- 5:59PM	NIGHT 6PM- 5:59AM	Direction TOTAL	Station TOTALS
Price-101/Apache Blvd	Eastbound	6	11	5	10	32	103
Price-101/Apache Blvd	Westbound	18	30	10	13	71	
Sycamore/Main St	Eastbound	9	24	15	21	69	167
Sycamore/Main St	Westbound	17	35	18	28	98	
Alma School Rd/Main St	Eastbound	9	22	13	22	65	161
Alma School Rd/Main St	Westbound	18	34	17	27	96	
Country Club Dr/Main St	Eastbound	6	15	9	12	42	142
Country Club Dr/Main St	Westbound	18	35	19	28	100	
Center St/Main St	Eastbound	2	8	3	5	19	70
Center St/Main St	Westbound	8	19	11	13	51	
Mesa Dr/Main St	Eastbound	4	9	6	12	30	115
Mesa Dr/Main St	Westbound	16	28	16	25	85	
Stapley Dr/Main St	Eastbound	2	6	2	5	16	75
Stapley Dr/Main St	Westbound	11	21	12	16	60	
Gilbert Rd/Main St	Eastbound	0	0	0	0	0	270
Gilbert Rd/Main St	Westbound	57	93	43	77	270	
GRAND TOTAL FOR RAIL		888	1,899	1,211	1,575	5,573	5,573

O2O Survey Completed by Time of Day and Direction

VM Rail O2O Surveys Completed by Station, Time of Day, and Direction

		O2O Surveys Collected					
Rail Station	Direction	AM PEAK 6AM- 8:59AM	MIDDAY 9AM- 2:59PM	PM PEAK 3PM- 5:59PM	NIGHT 6PM- 5:59AM	Direction TOTAL	Station TOTALS
Dunlap/19th Ave	Eastbound	86	168	68	142	464	464
Dunlap/19th Ave	Westbound	0	0	0	0	0	
Northern/19th Ave	Eastbound	35	67	25	35	162	198
Northern/19th Ave	Westbound	1	8	9	18	36	
Glendale/19th Ave	Eastbound	30	60	19	40	149	189
Glendale/19th Ave	Westbound	3	13	13	11	40	
Montebello/19th Ave	Eastbound	27	71	58	32	188	237
Montebello/19th Ave	Westbound	5	11	11	22	49	
19th Ave/Camelback	Eastbound	60	66	46	30	202	253
19th Ave/Camelback	Westbound	5	16	19	11	51	
7th Ave/Camelback	Eastbound	21	25	13	13	72	109
7th Ave/Camelback	Westbound	6	16	8	7	37	
Central Ave/Camelback	Eastbound	28	29	9	22	88	130
Central Ave/Camelback	Westbound	7	8	15	12	42	
Campbell/Central Ave	Eastbound	7	23	10	3	43	74
Campbell/Central Ave	Westbound	3	6	13	9	31	
Indian School/Central Ave	Eastbound	22	56	20	21	119	191
Indian School/Central Ave	Westbound	9	11	37	15	72	
Osborn/Central Ave	Eastbound	13	25	14	9	61	106
Osborn/Central Ave	Westbound	11	5	14	15	45	
Thomas/Central Ave	Eastbound	6	45	15	29	95	160
Thomas/Central Ave	Westbound	3	20	27	15	65	
Encanto/Central Ave	Eastbound	3	16	10	3	32	51
Encanto/Central Ave	Westbound		6	9	4	19	
McDowell/Central Ave	Eastbound	13	28	17	18	76	124
McDowell/Central Ave	Westbound	8	13	19	8	48	
Roosevelt/Central Ave	Eastbound	9	21	10	10	50	103
Roosevelt/Central Ave	Westbound	8	9	17	19	53	
Van Buren/1st Ave	Eastbound	23	24	43	21	111	200



VALLEY METRO 2023 ORIGIN AND DESTINATION SURVEY FINAL REPORT

		O2O Surveys Collected					
Rail Station	Direction	AM PEAK 6AM- 8:59AM	MIDDAY 9AM- 2:59PM	PM PEAK 3PM- 5:59PM	NIGHT 6PM- 5:59AM	Direction TOTAL	Station TOTALS
Van Buren/Central Ave	Westbound	18	22	27	22	89	
Jefferson/1st Ave	Eastbound	11	29	26	18	84	168
Washington/Central Ave	Westbound	4	24	35	21	84	
3rd St/Jefferson	Eastbound	14	56	80	58	208	327
3rd St/Washington	Westbound	9	14	33	63	119	
12th St/Jefferson	Eastbound	16	16	11	11	54	112
12th St/Washington	Westbound	12	13	16	17	58	
24th St/Jefferson	Eastbound	14	21	17	9	61	118
24th St/Washington	Westbound	9	19	16	13	57	
38th St/Washington	Eastbound	7	17	6	2	32	81
38th St/Washington	Westbound	12	13	15	9	49	
44th St/Washington	Eastbound	25	20	23	35	103	216
44th St/Washington	Westbound	11	23	30	49	113	
50th/Washington	Eastbound	10	7	5	3	25	64
50th/Washington	Westbound	13	10	13	3	39	
Priest Dr/Washington St	Eastbound	12	8	13	4	37	104
Priest Dr/Washington St	Westbound	8	16	23	20	67	
Center Pkwy/Washington St	Eastbound	8	4	7	5	24	66
Center Pkwy/Washington St	Westbound	3	11	18	10	42	
Mill Ave/Third St	Eastbound	6	7	23	20	56	192
Mill Ave/Third St	Westbound	14	41	39	42	136	
Veterans Way/College Ave	Eastbound	10	13	25	16	64	187
Veterans Way/College Ave	Westbound	22	22	53	26	123	
University Dr/Rural Rd	Eastbound	18	29	55	46	148	288
University Dr/Rural Rd	Westbound	24	41	44	31	140	
Dorsey Ln/Apache Blvd	Eastbound	25	28	12	6	71	179
Dorsey Ln/Apache Blvd	Westbound	33	45	22	8	108	
McClintock Dr/Apache Blvd	Eastbound	14	12	18	8	52	206
McClintock Dr/Apache Blvd	Westbound	48	55	29	22	154	
Smith-Martin/Apache Blvd	Eastbound	8	7	7	9	31	91
Smith-Martin/Apache Blvd	Westbound	12	19	17	12	60	



VALLEY METRO 2023 ORIGIN AND DESTINATION SURVEY FINAL REPORT

		O2O Surveys Collected					
Rail Station	Direction	AM PEAK 6AM- 8:59AM	MIDDAY 9AM- 2:59PM	PM PEAK 3PM- 5:59PM	NIGHT 6PM- 5:59AM	Direction TOTAL	Station TOTALS
Price-101/Apache Blvd	Eastbound	11	5	7	5	28	129
Price-101/Apache Blvd	Westbound	42	29	11	19	101	
Sycamore/Main St	Eastbound	7	22	14	6	49	162
Sycamore/Main St	Westbound	22	30	34	27	113	
Alma School Rd/Main St	Eastbound	6	18	10	8	42	148
Alma School Rd/Main St	Westbound	31	36	24	15	106	
Country Club Dr/Main St	Eastbound	4	13	8	3	28	130
Country Club Dr/Main St	Westbound	20	42	22	18	102	
Center St/Main St	Eastbound	1	9	3	8	21	72
Center St/Main St	Westbound	5	24	10	12	51	
Mesa Dr/Main St	Eastbound	2	8	1	3	14	141
Mesa Dr/Main St	Westbound	30	40	31	26	127	
Stapley Dr/Main St	Eastbound	6	6	3	1	16	89
Stapley Dr/Main St	Westbound	18	34	15	6	73	
Gilbert Rd/Main St	Eastbound	0	0	0	0	0	326
GRAND TOTAL FOR RAIL		1199	1977	1599	1410		6185

CHAPTER 6: MONITORING TRANSIT SERVICE

SECTION 6.1 OVERVIEW OF MONITORING TRANSIT SERVICE

The FTA requires transit providers to monitor the performance of their transit system relative to their system-wide service standards and service policies. The City of Phoenix regularly monitors its bus services and the siting of transit amenities objectively to identify any potential adverse, disproportionately high, or disparate impacts on minority populations. In accordance with FTA requirements, the monitoring report will be used to provide suggested corrective actions for consideration, awareness, and approval by City Council.

The City of Phoenix's Title VI 2024 Monitoring Program is guided by FTA Circular 4702.1B, Chapter IV-9 and the City's System-Wide Standard and Policies.

The City has completed an evaluation of transit services based on the System-Wide Standards and Policies outlined in Chapter 4 of the program. This report aims to monitor compliance with these Standards and Policies for fixed-route services. Please refer to Section 6.2: 2024 Monitoring Report for details.

City of Phoenix

Title VI Service Monitoring Report

June 2024



City of Phoenix
PUBLIC TRANSIT DEPARTMENT



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Introduction

The purpose of this document is to report the results of the City of Phoenix Public Transit Department Title VI Service Monitoring Program. This program was undertaken in 2024 to identify disparities in the level and quality of City of Phoenix Public Transit Department operated transit service provided to different demographic groups, in particular minority populations. This report also reviews the siting of transit amenities provided to different demographic groups in the City of Phoenix.

Title VI of the Civil Rights Acts of 1964 prohibits discrimination on the basis of race, color, or national origin in programs and activities receiving federal financial assistance. Federal Transit Administration (FTA) Title VI guidelines require the City of Phoenix to conduct service monitoring at least once every three years to compare the level and quality of service provided to predominantly minority areas with service provided in other areas. This purpose of this evaluation is to ensure that service and policy changes result in equitable service.

This report will evaluate bus services and the siting of transit amenities in an objective manner to identify the potential for adverse, disproportionately high, or disparate impacts to minority populations. Per FTA requirements, this report will be utilized to provide suggested corrective actions for consideration, awareness and approval by the City of Phoenix Public Transit Department Director and the City of Phoenix Council.

The following Title VI service and amenity analysis addresses each of the program monitoring requirements set forth by the FTA by comparing the level and quality of service provided to predominantly minority areas with service provided in other areas to ensure that the end result of policies and decision-making reflects equitable service.

Service distribution and service performance are assessed separately. System performance is measured and evaluated against set standards. Service distribution is treated as a relative measure. Instead of standards, the proximity of service to populations is compared to assure that there is equal or more service available to minority populations.

Guidelines: The City of Phoenix Title VI Service Monitoring Program is guided by FTA Circular 4702.1B, Chapters 4-9, and the City of Phoenix Title VI Program Chapter 4.

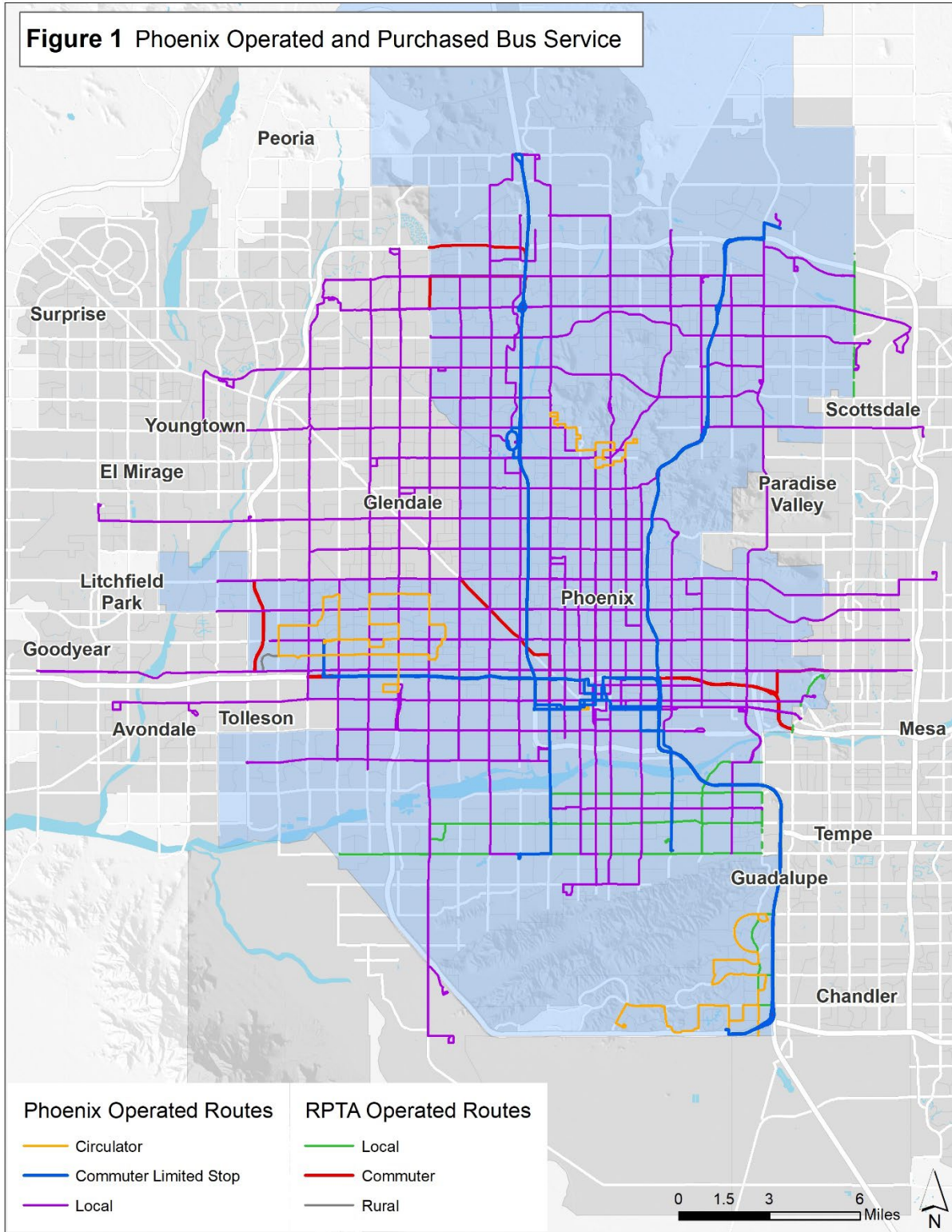
Per FTA Circular 4702.1B Chapter IV guidance, providers of public transportation that operate 50 or more fixed route vehicles in peak service and are located in a UZA of 200,000 or more in population are required to monitor the performance of their transit system relative to their system-wide service standards and service policies using the following method:



1. Select a sample of minority and non-minority routes from all modes of service provided. The sample shall include routes that provide service to predominantly minority areas and non-minority areas.
2. Assess the performance of each minority and non-minority route in the sample for each of the transit provider's service standards and service policies.
3. Compare the transit service observed in the assessment to the transit provider's established service policies and standards.
4. Analyze any route that exceeds or fails to meet the standard or policy, depending on the metric measured to determine why the discrepancies exist, and take steps to reduce the potential effects.
5. Evaluate their transit amenities policy to ensure amenities are being distributed throughout the transit system in an equitable manner.
6. Develop a policy or procedure to determine whether disparate impacts exist on the basis of race, color, or national origin, and apply that policy or procedure to the results of the monitoring activities.
7. Brief and obtain approval from the transit providers' policy-making officials regarding the results of the monitoring program.
8. Submit the results of the monitoring program as well as documentation to verify the policy board's or governing entity's consideration, awareness, and approval of the monitoring results to FTA every three years as part of the Title VI program.
9. Monitoring shall be conducted, at a minimum, once every three years.

Phoenix Public Transit Service Overview

Current Bus Service: The City of Phoenix operates thirty-nine local, four circulators and six Commuter routes. Some of these services extend into ten neighboring jurisdictions. In addition, the City of Phoenix also purchases the service of eleven local and fourteen express routes from Valley Metro. Phoenix purchased routes will be included in the service availability analysis. These route's performance and service standard adherence will be monitored by the Regional Public Transit Authority (RPTA). For standards, policies, and the monitoring of those services operated by Glendale, Scottsdale, and RPTA, please refer to their Title VI program. **Figure 1: Phoenix Operated and Purchased Bus Service** illustrates the routes assessed in this report.





Minority Route Designation

FTA defined a minority transit route as a route in which at least one-third of the revenue miles are located in a Census block, Census block group, or traffic analysis zone where the percentage minority population exceeds the percentage minority population in the service area. FTA allows transit provider to supplement the minority route designation with ridership data. For example, a commuter bus that picks up passengers in generally non-minority area and then travels through predominantly minority neighborhoods but does not pick up passengers who live closer to downtown might be more appropriately classified as a non-minority route, even if one-third of the route mileage is located in predominantly minority Census blocks or block groups.

For the purpose of the City of Phoenix Title VI Monitoring Program, the following methodologies are used to define minority routes:

Local and Circulator Routes: At least one-third of the revenue miles are located in a Census block group where the percentage minority population exceeds the percentage minority population in the service area. According to the 2022 American Community Survey, the region's local transit network service area minority population is at 52.75%.

Commuter, RAPID, and Limited Stop Routes: At least one-third of the revenue miles are located in a Census block group where the percentage minority population exceeds the percentage minority population in the service area. According to the 2022 American Community Survey, the region's commuter transit network service area minority population is at 49.21%.

Service Area Minority Population: The most recent American Community Survey estimates shows the Valley Metro's service area having 50.24% of the population as minority. Minority census block groups and minority routes designations are indicated in **Figure 2: Minority Areas and Routes** and **Table 1: Minority Routes**

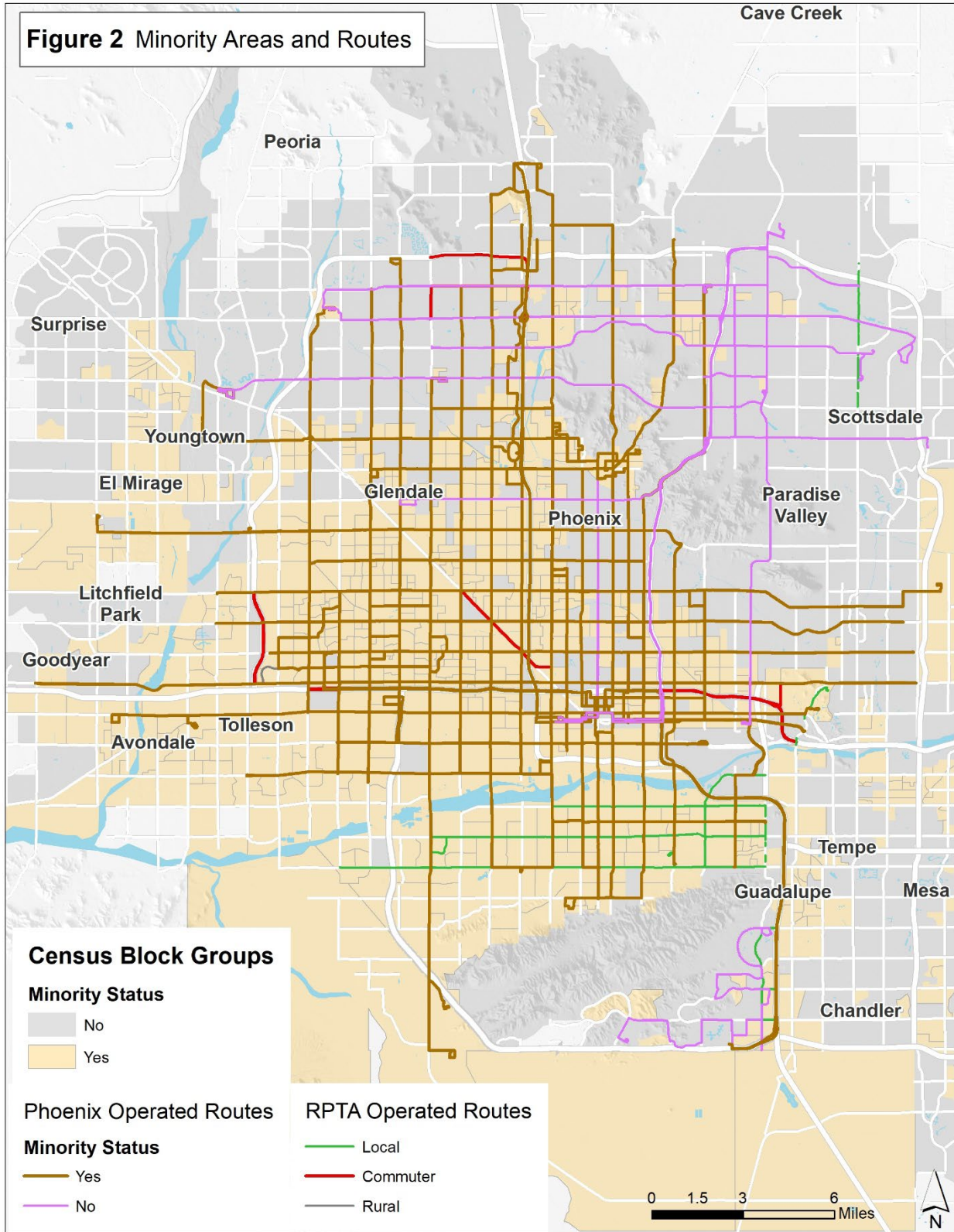




Table 1: Minority Routes

Route	Route Type	Minority Status	Route	Route Type	Minority Status
0	Local	No	59	Local	Yes
0A	Local	Yes	60	Local	Yes
1	Local	Yes	67	Local	Yes
3	Local	Yes	70	Local	Yes
7	Local	Yes	75	Local	Yes
8	Local	Yes	80	Local	No
10	Local	Yes	83	Local	Yes
12	Local	Yes	90	Local	Yes
13	Local	Yes	106	Local	Yes
15	Local	Yes	122	Local	Yes
16	Local	Yes	138	Local	No
17	Local	Yes	154	Local	No
19	Local	Yes	170	Local	No
27	Local	Yes	186	Local	No
28	Local	Yes	ALEX	Circulator	No
29	Local	Yes	DASH	Circulator	Yes
32	Local	Yes	MARY	Circulator	Yes
35	Local	Yes	SMRT	Circulator	Yes
39	Local	No	I10E	Commuter Express	Yes
41	Local	Yes	I10W	Commuter Express	Yes
43	Local	Yes	I17	Commuter Express	Yes
44	Local	No	SME	Commuter Express	Yes
50	Local	Yes	SMW	Commuter Express	Yes
51	Local	Yes	SR51	Commuter Express	No
52	Local	Yes			

Service Standards Assessment

Vehicle Load Standard

All Phoenix operated between January 2024 and April 2024 met the vehicle load standard by route. **Table 3: Vehicle Load Standards** summarized peak and off-peak vehicle load by route:



Table 3: Vehicle Load Standards

Local

Route	Route Type	Minority Status	Peak Load, Standard: 1.25	Off-Peak Load, Standard 1.25
0	Local	No	0.34	0.38
0A	Local	Yes	0.57	0.44
1	Local	Yes	0.19	0.27
3	Local	Yes	0.85	0.90
7	Local	Yes	0.88	0.83
8	Local	Yes	0.78	0.64
10	Local	Yes	0.29	0.33
12	Local	Yes	0.72	0.85
13	Local	Yes	0.56	0.50
15	Local	Yes	0.51	0.50
16	Local	Yes	0.77	0.69
17	Local	Yes	0.95	0.79
19	Local	Yes	0.89	1.07
27	Local	Yes	0.60	0.64
28	Local	Yes	0.34	0.25
29	Local	Yes	0.78	1.04
32	Local	Yes	0.75	0.47
35	Local	Yes	1.08	1.06
39	Local	No	0.13	0.18
41	Local	Yes	0.78	0.82
43	Local	Yes	0.76	0.89
44	Local	No	0.59	0.65
50	Local	Yes	0.85	1.16
51	Local	Yes	0.73	0.95
52	Local	Yes	0.49	0.61
59	Local	Yes	0.66	0.80
60	Local	Yes	0.87	0.81
67	Local	Yes	0.63	0.59
70	Local	Yes	0.81	0.92
75	Local	Yes	0.47	0.45
80	Local	No	0.64	0.55
83	Local	Yes	0.39	0.40
90	Local	Yes	0.58	0.50
106	Local	Yes	0.51	0.65
122	Local	Yes	0.24	0.22
138	Local	No	0.39	0.40
154	Local	No	0.76	0.57
170	Local	No	0.94	0.81
186	Local	No	0.40	0.52



Circulators

Route	Route Type	Minority Status	Peak Load, Standard: 1.25	Off-Peak Load, Standard 1.25
ALEX	Circulator	No	0.47	0.39
DASH	Circulator	Yes	0.30	0.33
MARY	Circulator	Yes	0.30	0.25
SMRT	Circulator	Yes	0.78	0.57

Commuter Express

Route	Route Type	Minority Status	Peak Load, Standard: 1.25	Off-Peak Load, Standard 1.25
I10E	Commuter Express	Yes	0.35	N/A
I10W	Commuter Express	Yes	0.45	N/A
I17	Commuter Express	Yes	0.42	N/A
SME	Commuter Express	Yes	0.08	N/A
SMW	Commuter Express	Yes	0.11	N/A
SR51	Commuter Express	No	0.36	N/A

To determine whether disparate impacts exist on the basis of race, color, or national origin on vehicle load standards, Phoenix will compare the number of minority routes not meeting the standards to number of non-minority routes not meeting the vehicle load standards. If the number of minority routes not meeting the standard is higher than number of non-minority routes not meeting the standard, disparate impacts exists, and corrective actions should be explored.

On vehicle load standards, all minority and non-minority routes meet the standard. No disparate impact exists on vehicle load standard.

Vehicle Headway Standard

The City of Phoenix Vehicle Headway Standards are based on the region’s Transit Standards and Performance Measures (TSPM). These are standards and performance measures the region agreed to for services operating under the brand Valley Metro. **Table 4: Route Headway Standards** summarizes headway standard adherence by route.



Table 4: Route Headway Standards

Route	Route Type	Minority Status	Minimum Headway Standard	April 2024 Minimum Headway	Meets Standard?
0	Local	No	30 minutes	30 minutes	Yes
0A	Local	Yes	30 minutes	30 minutes	Yes
1	Local	Yes	30 minutes	30 minutes	Yes
3	Local	Yes	30 minutes	30 minutes	Yes
7	Local	Yes	30 minutes	30 minutes	Yes
8	Local	Yes	30 minutes	30 minutes	Yes
10	Local	Yes	30 minutes	30 minutes	Yes
12	Local	Yes	30 minutes	30 minutes	Yes
13	Local	Yes	30 minutes	30 minutes	Yes
15	Local	Yes	30 minutes	30 minutes	Yes
16	Local	Yes	30 minutes	30 minutes	Yes
17	Local	Yes	30 minutes	30 minutes	Yes
19	Local	Yes	30 minutes	30 minutes	Yes
27	Local	Yes	30 minutes	30 minutes	Yes
28	Local	Yes	30 minutes	30 minutes	Yes
29	Local	Yes	30 minutes	30 minutes	Yes
32	Local	Yes	30 minutes	30 minutes	Yes
35	Local	Yes	30 minutes	30 minutes	Yes
39	Local	No	30 minutes	30 minutes	Yes
41	Local	Yes	30 minutes	30 minutes	Yes
43	Local	Yes	30 minutes	30 minutes	Yes
44	Local	No	30 minutes	30 minutes	Yes
50	Local	Yes	30 minutes	30 minutes	Yes
51	Local	Yes	30 minutes	30 minutes	Yes
52	Local	Yes	30 minutes	30 minutes	Yes
59	Local	Yes	30 minutes	30 minutes	Yes
60	Local	Yes	30 minutes	30 minutes	Yes
67	Local	Yes	30 minutes	30 minutes	Yes
70	Local	Yes	30 minutes	30 minutes	Yes
75	Local	Yes	30 minutes	30 minutes	Yes
80	Local	No	30 minutes	30 minutes	Yes
83	Local	Yes	30 minutes	30 minutes	Yes
90	Local	Yes	30 minutes	30 minutes	Yes
106	Local	Yes	30 minutes	30 minutes	Yes
122	Local	Yes	30 minutes	30 minutes	Yes
138	Local	No	30 minutes	30 minutes	Yes



154	Local	No	30 minutes	30 minutes	Yes
170	Local	No	30 minutes	30 minutes	Yes
186	Local	No	30 minutes	30 minutes	Yes
ALEX	Circulator	No	30 minutes	60 minutes	NO
DASH	Circulator	Yes	30 minutes	12 minutes	Yes
MARY	Circulator	Yes	30 minutes	60 minutes	NO
SMRT	Circulator	Yes	30 minutes	35 minutes	NO
I10E	Commuter Express	Yes	4 trips AM/ 4 trips PM	11 trips AM/ 11 trips PM	Yes
I10W	Commuter Express	Yes	4 trips AM/ 4 trips PM	10 trips AM/ 10 trips PM	Yes
I17	Commuter Express	Yes	4 trips AM/ 4 trips PM	22 trips AM/ 22 trips PM	Yes
SME	Commuter Express	Yes	4 trips AM/ 4 trips PM	4 trips AM/ 4 trips PM	Yes
SMW	Commuter Express	Yes	4 trips AM/ 4 trips PM	4 trips AM/ 4 trips PM	Yes
SR51	Commuter Express	No	4 trips AM/ 4 trips PM	11 trips AM/ 12 trips PM	Yes

Based on April 2024 service levels, all Phoenix operated local routes meet the minimum headway standard of every 30 minutes, three circulator routes (ALEX, SMART, and MARY) do not meet the headway standard, and all Commuter Express routes meet the minimum headway standard of 4 AM trips and 4 PM trips.

To determine whether disparate impacts exist on the basis of race, color, or national origin on route headway standards, Phoenix will compare the number of minority routes not meeting the standards to number of non-minority routes not meeting the vehicle load standards. If the number of minority routes not meeting the standard is higher than number of non-minority routes not meeting the standard, disparate impacts exists, and corrective actions should be explored.

On route headway standards, no disparate impact exists on local routes or commuter routes since all routes meet the standard. Disparate impacts are found on Circulator routes with two minority routes not meeting standard and one non-minority route not meeting standard.

Circulator Routes Not Meeting Headway Standards

Among three Circulator routes not meeting headway standards, two are minority routes.



In 2010, circulator services were reduced to every 60 minutes in Phoenix as a result of reduced funding. In the 2018 City of Phoenix Title VI Monitoring Program, Phoenix set a goal to improve all circulators routes in Phoenix to operate at least every 30 minutes by 2023. While this continues to be Phoenix’s goal, due to recent declines in transit demand, the implementation date may be pushed back slightly while Phoenix and the region work on restoring all services reduced in response to the pandemic.

On-Time Performance Standard

The City of Phoenix on-time performance for fixed route bus service is calculated by obtaining departure times at all designated time points along a route; this includes published time points contained within a route schedule. For the region’s bus services, a bus is considered on time if it arrives at a time point no more than one minute before the scheduled time and departs no more than five minutes and fifty-nine seconds past the scheduled time. A bus is considered early if it departs at a time point one or more minutes before the scheduled time, and late if it departs a time point six or more minutes past the scheduled time.

The City of Phoenix On-Time Performance Standard for fixed route transit service operated is 85% for local bus, express bus, and circulators. **Table 5: Route On-Time Performance Standards** summarizes on-time standard adherence by route.

Table 5: Route On-Time Performance Standards

Route	Route Type	Minority Status	OTP Standard	April 2024 OTP	Meets Standard?
0	Local	No	85%	81%	NO
0A	Local	Yes	85%	66%	NO
1	Local	Yes	85%	75%	NO
3	Local	Yes	85%	70%	NO
7	Local	Yes	85%	65%	NO
8	Local	Yes	85%	62%	NO
10	Local	Yes	85%	79%	NO
12	Local	Yes	85%	77%	NO
13	Local	Yes	85%	74%	NO
15	Local	Yes	85%	82%	NO
16	Local	Yes	85%	70%	NO
17	Local	Yes	85%	64%	NO
19	Local	Yes	85%	70%	NO
27	Local	Yes	85%	65%	NO
28	Local	Yes	85%	83%	NO
29	Local	Yes	85%	73%	NO
32	Local	Yes	85%	63%	NO
35	Local	Yes	85%	70%	NO



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39	Local	No	85%	86%	Yes
41	Local	Yes	85%	71%	NO
43	Local	Yes	85%	71%	NO
44	Local	No	85%	77%	NO
50	Local	Yes	85%	60%	NO
51	Local	Yes	85%	60%	NO
52	Local	Yes	85%	84%	NO
59	Local	Yes	85%	69%	NO
60	Local	Yes	85%	65%	NO
67	Local	Yes	85%	72%	NO
70	Local	Yes	85%	67%	NO
75	Local	Yes	85%	74%	NO
80	Local	No	85%	75%	NO
83	Local	Yes	85%	71%	NO
90	Local	Yes	85%	78%	NO
106	Local	Yes	85%	77%	NO
122	Local	Yes	85%	76%	NO
138	Local	No	85%	71%	NO
154	Local	No	85%	77%	NO
170	Local	No	85%	74%	NO
186	Local	No	85%	76%	NO
ALEX	Circulator	No	85%	71%	NO
DASH	Circulator	Yes	85%	94%	Yes
MARY	Circulator	Yes	85%	70%	NO
SMRT	Circulator	Yes	85%	78%	NO
I10E	Commuter Express	Yes	85%	94%	Yes
I10W	Commuter Express	Yes	85%	91%	Yes
I17	Commuter Express	Yes	85%	84%	NO
SME	Commuter Express	Yes	85%	91%	Yes
SMW	Commuter Express	Yes	85%	70%	NO
SR51	Commuter Express	No	85%	91%	Yes

The on-time Performance (OTP) measurements were based on Phoenix-operated service between January 2024 and April 2024. The result indicates only one local route (39), one circulator route (DASH), and four commuter express routes (I10E, I10W, SME, and SR51) in Phoenix meets the OTP target of 85%.

The City of Phoenix previously used the Orbital Services CAD/AVL system to monitor and track buses, focusing on arrival times at time points to measure and calculate On-Time Performance (OTP). Since the Clever Devices CAD/AVL system was installed in June



2020, OTP is now calculated based on departure times from these time points. Given the shift from arrival-based to departure-based OTP metrics, a thorough analysis of the OTP data from the new Clever Devices system was conducted.

The department has now had the opportunity to review two years of system performance data from the Clever Devices CAD/AVL system. This review helped assess the accuracy and reliability of the OTP measurements under the new departure-based system compared to the previous arrival-based system. The performance standard for the transit system has been set at 85% for both fixed routes and RAPID bus services.

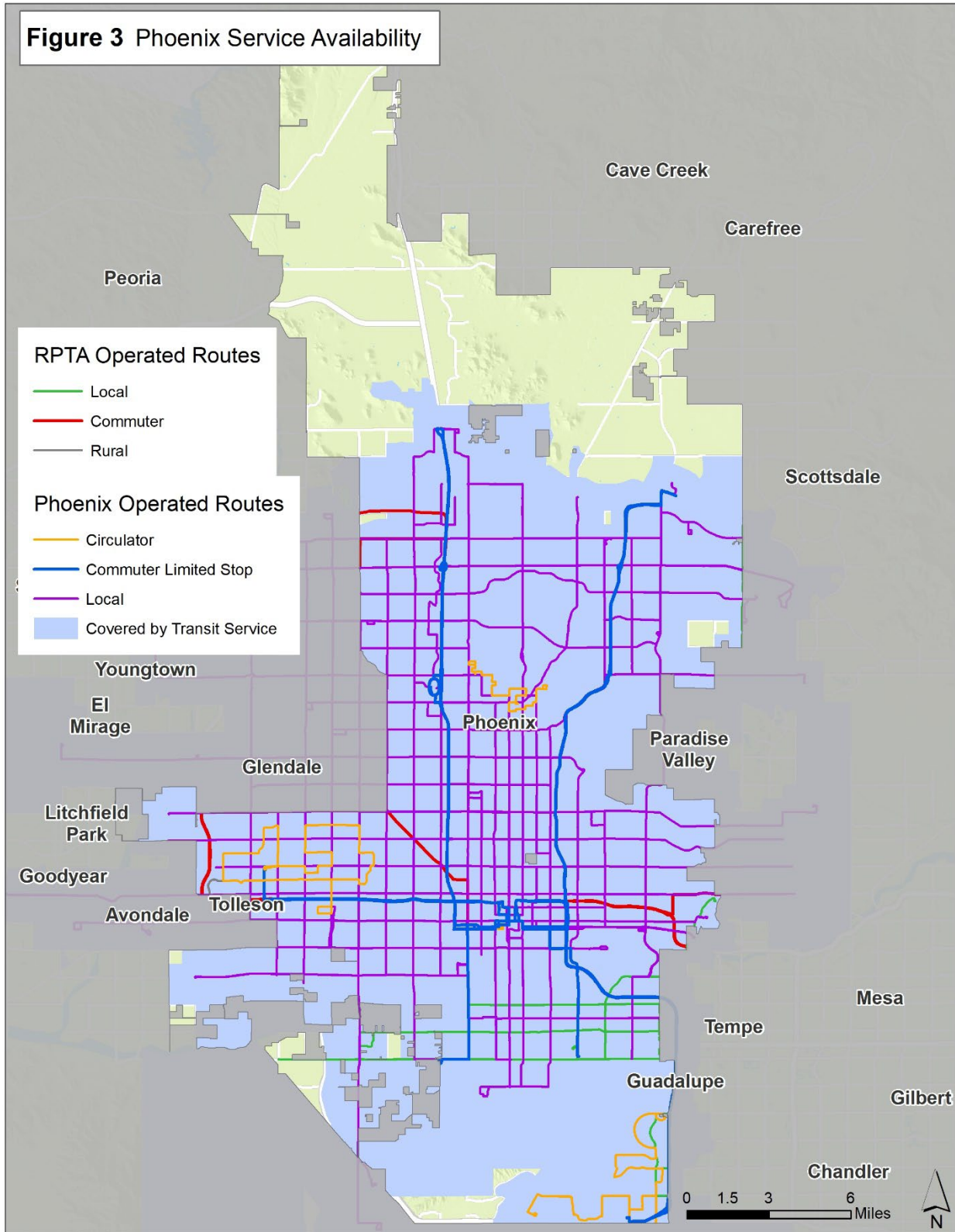
The City of Phoenix Public Transit Department is collaborating with contractors to improve our OTP. Over the past few months, the contractor has steadily progressed and hired a Subject Matter Expert to oversee OTP. As a result, the average OTP has increased from 71.10% in February 2024 to 76.11% in April 2024.

Service Availability Standard

Service availability is a general measure of the distribution of routes within a transit provider's service area. The City of Phoenix's Service Availability Standard is that at least 75% of the City of Phoenix population shall reside in census block groups within one-half mile of fixed route service.

The April 2024 transit service in Phoenix are estimated to cover approximately 90% of all residents in Phoenix.

Figure 3: Phoenix Transit Coverage illustrates Census block groups within one-half mile of existing transit service in Phoenix.





To determine whether disparate impacts exist on the basis of race, color, or national origin on service availability standards, Phoenix will compare the percentage of minority population reside within one-half mile of transit service to the percentage of non-minority population reside within one-half mile of transit service. If the percentage of minority population reside within one-half mile of transit service is lower than the percentage of non-minority population, disparate impacts exists, and corrective actions needs to be taken. **Table 6: Service Availability Summary** summarizes service availability between minority and non-minority populations.

Table 6: Service Availability Summary

Transit Coverage	Total Population	Minority	Non-Minority
Phoenix Total	1,752,696	1,003,871	748,825
Covered by Phoenix Transit	1,570,738	946,549	624,189
Percent Covered	90%	94%	83%

According to Table 6, 94% of minority population in Phoenix are covered by transit service compared to 83% of non-minority population. With a higher percentage of minority population covered by transit service, no disparate impacts are found on service availability.

Service Policy Assessment

Distribution of Transit Amenities

To determine whether disparate impacts exist on the basis of race, color, or national origin on service availability standards, Phoenix will compare the percentage of bus stops in minority areas with transit amenities to bus stops in non-minority areas in Phoenix. If the percentage of bus stops in minority areas without transit amenities are lower than that of non-minority area bus stops, disparate impacts are found, and corrective actions needs to be taken. **Table 7: Transit Amenities Policy** summarizes transit amenities policy for Phoenix.

Table 7: Transit Amenities Policy

Transit Amenities	Type of Transit Stops	
	Transit Centers	Bus Stops
Seating	Provided	Optional- Provided based on ridership
Shelters	Provided	Optional- Provided based on ridership
Passenger Information	Provided- System Maps, Route Identifier, Stop ID	Provided- Bus stop Sign, Stop ID
Escalators	Provides escalators and/or elevators at stations not at grade	Provides escalators and/or elevators at stations not at grade



Elevators	Provides escalators and/or elevators at stations not at grade	Provides escalators and/or elevators at stations not at grade
Waste Receptacles	Provided	Optional-Provided based on ridership

Seating Distribution Assessment

Seating is a standard amenity Phoenix provides at transit centers and park and rides. The number of seating provided is determined by the ridership of the transit center. At bus stops, seating is an optional amenity where higher ridership stops will be prioritized to have seating available. **Table 8: Seating Distribution** summarized seating distribution throughout Phoenix.

Table 8: Seating Distribution

Minority Status	All Bus Stops	Bus Stop with Seating	Percentage of Stops With Seating
Minority Bus Stops	2,358	1,936	82%
Non-Minority Bus Stops	1,744	1,385	79%
Total	4,102	3,321	81%

82% of minority bus stops in Phoenix are equipped with seating compared to 79% of non-minority bus stops. With higher percentage of minority bus stops having seats available to passengers, no disparate impact is present in seating distribution.

Shelter Distribution Assessment

Shelters or shade structures are a standard amenity Phoenix provides at transit centers and park and rides. The number of shelters or shade structures provided are determined by the ridership of the transit center. At bus stops, shelters/shade structures are an optional amenity where higher ridership stops will be prioritized to have shelter/shade structure available. **Table 9: Shelter Distribution** summarized shelter distribution throughout Phoenix.

Table 9: Shelter Distribution

Minority Status	All Bus Stops	Bus Stop with Shelters	Percentage of Stops With Shelters
Minority Bus Stops	2,358	1,850	78%
Non-Minority Bus Stops	1,702	1,262	74%
Total	4,060	3,112	77%

78% of minority bus stops in Phoenix are equipped with shelter compared to 74% of non-minority bus stops. With higher percentage of minority bus stops having shelters available to passengers, no disparate impact is present in shelter distribution.



Passenger Information Assessment

Phoenix provide route maps and schedules at transit centers and park and rides. In Downtown Phoenix, select bus stops with high ridership and served by multiple routes have displays that provide transit information such as routes servicing the stop and the scheduled arrival time.

To evaluate if there are disparate impacts on passenger information distribution, the percentage of transit centers and park and rides located in the minority area will be compared to transit centers and park and rides located in the non-minority area. **Table 10: Transit Centers and Park and Rides Distribution** summarized their distribution throughout Phoenix.

Table 10: Transit Centers and Park and Rides Distribution

Location	Minority Areas	Non-Minority Areas	Percentage in Minority Areas
Transit Centers	4	3	57%
Park and Rides	11	7	61%

57% of transit centers and 61% of park and rides throughout Phoenix are located in minority areas. With more transit center located in minority area and the same amount of park and rides in minority and non-minority areas, there are no disparate impact on the distribution of passenger information throughout Phoenix.

Escalators Distribution Assessment

Phoenix does not have any transit centers or bus stops with escalators. Regional transit amenities may include escalators at stations not at grade. In 2024, Valley Metro Rail’s Metro Pkwy Station located at the Thelda Williams Transit Center became the system’s first elevated station. This elevated station is built with multiple escalators and elevators connecting passengers between at-grade bus stops and the elevated rail station.

Elevators Distribution Assessment

Phoenix does not have any transit centers or bus stops with elevators. Regional transit amenities may include escalators at stations not at grade. In 2024, Valley Metro Rail’s Metro Pkwy Station located at the Thelda Williams Transit Center became the system’s first elevated station. This elevated station is built with multiple escalators and elevators connecting passengers between at-grade bus stops and the elevated rail station.

Waste Receptacles Distribution Assessment

Waste receptacles are a standard feature Phoenix provides at transit centers. All bus stops with shelters would also have a waste receptacle. At higher ridership stops, there may be multiple waste receptacles provided. **Table 11: Waste Receptacles Distribution** summarized waste receptacles distribution throughout Phoenix.



Table 11: Waste Receptacles Distribution

Minority Status	All Bus Stops	Bus Stop with Waste Receptacles	Percentage of Bus Stop with Waste Receptacles
Minority Bus Stops	2,358	1,936	82%
Non-Minority Bus Stops	1,702	1,385	81%
Total	4,060	3,321	82%

82% of minority bus stops in Phoenix are equipped with waste receptacles compared to 81% of non-minority bus stops. With higher percentage of minority bus stops having waste receptacles available to passengers, no disparate impact is present in waste receptacle distribution.

Vehicle Assignment Policy

To ensure equitable assignment of vehicles, Phoenix’s vehicle assignment policy is that the average age of vehicles by type assigned to predominantly minority routes should be approximately equal to the average age of vehicles assigned to other routes by type. For assessment purposes, average age of the fleet difference less than two years would be considered equal.

Vehicle Assignment Assessment

To evaluate vehicle assignment policy adherence, average age of vehicles assigned to each route as well as average age of vehicles assigned to each mode (Local, Circulator, Commuter Express) are calculated based on vehicle assignments between January 2024 and April 2024. **Table 12: Vehicle Assignment by Age** summarizes average of vehicle assigned by route in Phoenix.

Table 12: Vehicle Assignment by Age

Route	Route Type	Minority Status	Average Age of Assigned Vehicle	Average Age of Vehicle Assigned by Mode	Average Age Above Mode Average?
0	Local	No	3.8	5.7	No
0A	Local	Yes	7.0	5.7	Yes
1	Local	Yes	7.1	5.7	Yes
3	Local	Yes	7.0	5.7	Yes
7	Local	Yes	5.4	5.7	No
8	Local	Yes	6.1	5.7	Yes
10	Local	Yes	7.1	5.7	Yes
12	Local	Yes	4.7	5.7	No
13	Local	Yes	7.3	5.7	Yes



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15	Local	Yes	7.1	5.7	Yes
16	Local	Yes	5.6	5.7	No
17	Local	Yes	7.2	5.7	Yes
19	Local	Yes	5.6	5.7	No
27	Local	Yes	6.0	5.7	Yes
28	Local	Yes	7.0	5.7	Yes
29	Local	Yes	7.0	5.7	Yes
32	Local	Yes	7.1	5.7	Yes
35	Local	Yes	5.2	5.7	No
39	Local	No	2.9	5.7	No
41	Local	Yes	7.1	5.7	Yes
43	Local	Yes	7.0	5.7	Yes
44	Local	No	4.0	5.7	No
50	Local	Yes	6.4	5.7	Yes
51	Local	Yes	7.9	5.7	Yes
52	Local	Yes	7.0	5.7	Yes
59	Local	Yes	7.7	5.7	Yes
60	Local	Yes	6.2	5.7	Yes
67	Local	Yes	7.8	5.7	Yes
70	Local	Yes	6.2	5.7	Yes
75	Local	Yes	7.7	5.7	Yes
80	Local	No	3.0	5.7	No
83	Local	Yes	8.0	5.7	Yes
90	Local	Yes	3.3	5.7	No
106	Local	Yes	3.3	5.7	No
122	Local	Yes	2.8	5.7	No
138	Local	No	2.9	5.7	No
154	Local	No	2.7	5.7	No
170	Local	No	3.0	5.7	No
186	Local	No	2.8	5.7	No
ALEX	Circulator	No	3.1	3.8	No
DASH	Circulator	Yes	7.6	3.8	Yes
MARY	Circulator	Yes	2.9	3.8	No
SMRT	Circulator	Yes	1.6	3.8	No
I10E	Commuter Express	Yes	5.4	5.8	No
I10W	Commuter Express	Yes	5.7	5.8	No
I17	Commuter Express	Yes	5.5	5.8	No
SME	Commuter Express	Yes	5.6	5.8	No
SMW	Commuter Express	Yes	6.0	5.8	Yes
SR51	Commuter Express	No	6.5	5.8	Yes



Table 13: Vehicle Assignment by Age by Route Type summarizes average of vehicle assigned by route type in Phoenix.

Table 13: Vehicle Assignment by Age by Route Type

Route Type	Local	Commuter Express	Circulator
Minority routes	6.39	5.64	4.06
Non-Minority routes	3.13	6.46	3.15
Difference between Minority and non-Minority	3.26	-0.81	0.91

Local Routes Vehicle Assignment

Average age of vehicles assigned to operate on minority local routes are 3.26 years more than non-minority local routes. With on average older vehicles operating on minority local routes versus non-minority local routes by more than 2 years, disparate impacts are found in local routes vehicles distribution.

The reason for the fleet distribution discrepancy is related to the fleet replacement schedule and the distribution of minority and non-minority routes in the city.

In Phoenix, more non-minority routes are in the northern part of the city. Due to North yard’s proximity, more non-minority routes are operated out of the North yard.

The assessment of the vehicle assignments was conducted between January 2024 and April 2024. Prior to this period, Phoenix’s North and South facility had on average an older fleet that was being replaced with newer vehicles. Since then, Phoenix’s fleet replacement efforts have shifted to renew west facility’s transit fleet. Between January 2024 and August 2024, 18 vehicles were replaced from the North facility and 34 vehicles were replaced from the West facility. We are also projecting more west vehicles being replaced in the coming months with an additional 25 vehicles scheduled for replacement by the Spring of 2025.

The fleet replacement efforts in 2024 have already shown its effectiveness in balancing newer fleet distribution. Between January and April 2024, average age of vehicles operated on north and south local routes is 5.13 years compared to 7.05 years out of the west facility, making west fleet distribution on average 1.92 years older than north and south fleet. In July and August 2024, the difference on average age of fleet distributed between the north/south facility and the west facility have reduced to 1.26 years.



Commuter Express Routes Vehicle Assignment

Average age of vehicles assigned to operate on minority commuter express routes are 0.81 years younger compared to non-minority commuter express routes. With on average younger vehicles operating on minority commuter routes versus non-minority commuter routes, no disparate impacts are found in commuter express routes vehicles distribution.

Circulator Routes Vehicle Assignment

Average age of vehicles assigned to operate on minority circulator routes are 0.91 years older than non-minority circulator routes. The difference in average age of vehicles operating on minority circulator routes versus non-minority circulator routes is less than 2 years. Disparate impacts are not found in circulator routes vehicles distribution.

CHAPTER 7: SERVICE AND FARE CHANGES

FTA Circular C 4702.1B requires transit providers that operate 50 or more fixed-route vehicles during peak service in a UZA with populations of 200,000 or more to prepare and submit service and fare equity policies, along with associated analyses.

SECTION 7.1 MAJOR SERVICE CHANGE POLICY OVERVIEW

The purpose of the Major Service Change and Service Equity Policy is to establish thresholds for identifying major service changes to transit services and to determine whether such changes will result in disparate impact based on race, color, or national origin. Additionally, the policy aims to assess whether potential service changes will have a disproportionately high or adverse effects on minority and/or low-income populations or riders.

SECTION 7.2 BASIS FOR MAJOR SERVICE CHANGE POLICY STANDARDS

Federal law requires the City of Phoenix and Valley Metro evaluate changes to transit services, as outlined in FTA Circular 4702.1B, effective October 1, 2012. To comply with 49 CFR Section 21.5(b)(a), 49 CFR Section 21.5(b)(7) and Appendix C to 49 CFR Part 21, recipients must develop procedures for analyzing all service changes (service equity analysis) that exceed the region's major service change threshold to determine whether the proposed service changes will have a discriminatory impact. This analysis must be conducted prior to the implementation of any service changes.

The purpose of conducting service change analyses prior to their implementation is to identify whether the proposed changes will have a disparate impact on minority populations and/or impose a disproportionate burden on low-income populations. The standard method for measuring disparate and disproportionate impacts involves comparing the proportion of persons in a protected class (minority and low-income—see definition below) with the proportion of persons not in these protected classes affected by the proposed service change.

Before analyzing service changes, all recipients must develop a Major Service Change Policy that specifies what constitutes a major service change, as only major service changes are subject to a service equity analysis. This policy sets the threshold for when a service change is considered a major change and therefore subject to analysis. Additionally, recipients must define potential adverse effects of major service changes and develop a Disparate Impact Policy and a Disproportionate Burden Policy. These policies establish thresholds for determining when adverse effects would result in a disparate impact on minority populations or riders and a disproportionate burden on low-income populations or riders.

Valley Metro and the City of Phoenix have jointly developed a Major Service Change Policy, Disparate Impact Policy, and Disproportionate Burden Policy. These policies, along with the defined potential adverse effects, are discussed in the following sections pursuant to FTA Circular 4702.1B.

SECTION 7.3 MAJOR SERVICE CHANGE POLICY

The following criteria define what constitutes a major service change (unless otherwise noted under Exemptions) and will be evaluated in accordance with regulatory requirements set forth in FTA Circular 4702.1B:

Route-level Service Reduction or Elimination

- Reducing an existing route by more than 25 percent of weekday route revenue miles^{1, 2} or
- Reducing an existing route by more than 25 percent of Saturday route revenue miles; or
- Reducing an existing route by more than 25 percent of Sunday route revenue miles; or
- Reducing the number of route directional miles more than 25 percent^{1, 2} or
- A change in a route alignment resulting in a 25 percent or greater variance from the existing route alignment^{1, 2}.

Route-level Expansion or Addition of a New Route

- Adding a new route; or
- Expansion of an existing route that increases weekday route revenue miles by more than 25 percent; or
- Expansion of an existing route that increases Sunday route revenue miles by more than 25 percent; or
- Expansion of an existing route that increases Sunday route revenue miles by more than 25 percent; or
- Expanding the number of route directional miles more than 25 percent; or
- A change in a route alignment resulting in a 25 percent^{1, 2} or greater variance from the existing route alignment.

SECTION 7.4 MAJOR SERVICE CHANGE ADVERSE EFFECT

An adverse effect is defined as any reduction or addition in service, including but not limited to changes in the span of service, changes to the frequency of service, the addition of new routes, the elimination of routes or route segments, or the modification of routes or route segments.

¹ A change of 25 percent in weekly route revenue miles and/or route directional miles is the City of Phoenix threshold for determining whether a potential transit service change qualifies as a major service change (or “substantial” service change), according to the City of Phoenix resolution (1990). This percentage is generally an industry-wide percentage threshold used by peer transit systems throughout the United States. The City of Phoenix resolution also specifies that a public comment period will be initiated when a change in transit service of 25 percent or more is determined. Valley Metro has adopted the same thresholds.

² A change of 25 percent in Express/RAPID service route revenue miles and/or route directional miles does not apply to the portion of the routes that are on the freeway/highway because there are no stops or service. Only the portion of the routes that occurs on surface streets applies to the 25 percent threshold for a major service change.

SECTION 7.5 MAJOR SERVICE CHANGE DISPARATE IMPACT POLICY

When conducting a service change equity analysis, the following threshold will be used to determine if the adverse effects of a major service change will have a disparate impact on minority populations or riders:

Disparate Impact Policy

A disparate impact occurs when the difference in adverse impacts between minority ridership³ and/or population⁴ and non-minority ridership and/or population on the affected service is equal to or greater than five percent compared to the transit system's overall minority and non-minority ridership⁵ and/or population.

Finding a Disparate Impact

If Valley Metro or the City of Phoenix find that minority populations or riders experience disparate impact(s) from the proposed service change(s), steps will be taken to avoid, minimize or mitigate the impact(s). If the additional steps do not mitigate the potential disparate impact(s) on minority populations or riders, pursuant to FTA Circular 4702.1B, the proposed service change(s) may proceed only if Valley Metro or the City of Phoenix can show that:

- *A substantial legitimate justification for the proposed major service change(s) exists, and*
- *There are no alternative(s) serving the same legitimate objectives that would have less disproportionate impact on minority populations or riders.*

SECTION 7.6 MAJOR SERVICE CHANGE DISPROPORTIONATE BURDEN POLICY

When conducting a service change equity analysis, the following threshold will be used to determine if a service change would impose a disproportionate burden on low-income populations or riders:

Disproportionate Burden Policy

A disproportionate burden impact occurs When the difference in adverse impacts between low-income ridership³ and/or population⁴ and non-low-income ridership and/or population on an affected service is equal to or greater than five percent compared to the transit system's low-income and non-low income ridership⁵ and/or population.

³ The determination of the transit system and an affected route's minority and/or low-income ridership will be derived from the most recently completed, statistically valid regional on-board origin/destination survey.

⁴ The determination of the potential ridership for service expansion or the addition of a new service will be derived from the most recent American Community Survey data for the census tract or census block group surrounding the expanded route or new route.

⁵ The transit system's ridership is separated into Local Bus Service (local fixed bus routes, key local service, light rail, streetcar and circulator bus service) and Express/RAPID Service (commuter bus service). The affected service would be compared to the overall transit system's ridership by Local Bus Service or Express/RAPID Bus Service.

Disproportionate Burden Impact

If Valley Metro or the City of Phoenix finds that low-income populations or riders would experience disproportionate burden impacts from the proposed service change(s), steps will be taken to avoid, minimize or mitigate impacts where practicable, in accordance with FTA Circular 4701.1B. Valley Metro or the City of Phoenix will also describe alternatives available to low-income populations affected by the proposed service change(s). However, since low-income populations are not a protected class under Title VI of the Civil Rights Act of 1964, failure to complete this analysis will not result in a finding of noncompliance under Title VI.

SECTION 7.7 MAJOR SERVICE CHANGE EXISTING ROUTES ANALYSIS

The system's overall ridership is 49 percent minority and 51 percent non-minority. If Route A's ridership (based on the Origin & Destination survey) is 55 percent minority and 45 percent non-minority, then the minority group would bear 55 percent of the burden while the non-minority group would bear 45 percent of the burden. This results in a disparate impact to the minority group because it would bear 6 percent more than its expected share (55 percent of the burden compared to 49 percent of the overall ridership [$55 - 49 = 6$]); Conversely, the non-minority group bears 6 percent less than its expected share (45 percent burden compared to 51 percent of the overall ridership [$45 - 51 = -6$]). Applying the 5 percent disparate impact policy, this situation constitutes a disparate impact.

SECTION 7.8 MAJOR SERVICE CHANGE ROUTE ADDITION/EXPANSION ANALYSIS

The analysis for the expansion of an existing route or the addition of a new route follows the same methodology as the analysis for changes to an existing route. However, because there would be no Origin & Destination (O&D) survey data for the area of the new or expanded route, census data around the route would be added instead. (Table 16)

TABLE 16: EQUITY ANALYSIS DATA

Category	Action	Sub Action	Evaluation Method
Service Level ^a Change	Reduction	Not Applicable	O/D ^b Data
	Expansion	Not Applicable	
Route Length	Reduction	Not Applicable	O/D Data
	Expansion	Not Applicable	Census Data
Route Alignment Change	Reduction	Not Applicable	O/D Data
	Expansion	Not Applicable	O/D Data and Census Data
	Modification	Eliminated Segment(s)	O/D Data and Census Data

Category	Action	Sub Action	Evaluation Method
		Segment(s) to New Areas	Census Data
	Elimination	Not Applicable	O/D Data
New Route	New Route	Not Applicable	Census Data
Fare Media Access	Modifications	Not Applicable	O/D Data Census Data

^a Service Level – Refers to the span of service (hours of operation), days of operation, trips, and headways (service frequencies) for a transit route or the regional transit system.

^b Origin/Destination Survey Data

SECTION 7.9 MAJOR SERVICE CHANGE SERVICE EXEMPTIONS

The major service change thresholds exclude any changes to service that result from the following:

- Experimental, Pilot or Demonstration – These services may be instituted for up to 12 cumulative months without performing a Title VI equity analysis. If an experimental, pilot or demonstration service is to be operated for more than 12 cumulative months, a Title VI equity analysis must be completed before the end of the first 12 months of operation. Experimental, pilot or demonstration services that are modified and continue beyond 12 cumulative months are considered a continuation of the same service and are subject to a Title VI equity analysis. To be considered a new experimental, pilot or demonstration service, the service must not have operated for 12 consecutive months.
- Minor Headway Adjustments – Headways for transit routes adjusted by up to 5 minutes during peak hour periods, and by up to 15 minutes during non-peak hour periods.
- New Transit Service “Break-In” Period – Adjustments to service frequencies and/or span of service for new transit routes that have been in revenue service for less than 365 days.
- Other Service Providers or Agencies – Actions of other service providers or public agencies that administer or provide transit services that are not the responsibility of Valley Metro or the City of Phoenix.
- Emergency Service and Service Responding to Natural or Catastrophic Disasters – Service changes implemented in response to forces of nature such as earthquakes, wildfires, pandemics, or other natural disasters; human-caused catastrophic events; or other disruptions that may require the suspension or expansion of scheduled transit service for public safety, financial or technical reasons.
- Service Responding to Auxiliary Transportation Infrastructure Failures – Service changes implemented in response to failures of auxiliary transportation infrastructure such as vehicular bridges, highway bridge overpasses, tunnels or elevated highways that require the suspension of transit service.

- Overlapping Services – A reduction in revenue miles on one line that is offset by an increase in revenue miles on the overlapping section of an alternative transit route (an overlapping section is where two or more bus routes or rail lines share the same alignment, stops or stations for a short distance).
- Seasonal and Special Event Service – Changes to bus service levels on routes to accommodate seasonal ridership changes, as well as temporary dedicated bus routes or increased service frequencies put in place to serve event activities or mitigate traffic congestion caused by activities such as road construction.
- Temporary Route Detours – Short-term changes to a route due to road construction, routine road maintenance, road closures, emergency road conditions, fiscal crisis, civil demonstrations, or other uncontrollable circumstance.

SECTION 7.10 MAJOR SERVICE CHANGE DEFINITIONS

Disparate Impact – A facially neutral policy or practice that has a disproportionately adverse effect on minority riders or populations within the service area.

Disparate Treatment – An action that results in minority riders or populations being treated differently than others because of their race, color and national origin.

Disproportionate Burden – A facially neutral policy or practice that has a disproportionately adverse effect on low-income riders or populations within the service area.

Express Transit Service – Includes Valley Metro designated express bus and RAPID bus services.

High-Capacity Transit (HCT) – A transit facility or service that operates at a consistent, high frequency of service.

Local Transit Service – Includes light rail transit, streetcar, local fixed-route bus, local limited-stop bus and circulator/shuttle bus services.

Low-income Person – A person whose median household income is at or below 150 percent of the U.S. Department of Health and Human Services poverty line.

Low-income Areas – A census tract or other geographically defined area that has a higher percentage of low-income persons (as defined above) than the overall average percentage of low-income persons in the route service area.

Minority Person – A person who is classified as American Indian and Alaska Native, Asian, Black or African American, Hispanic or Latino, Native Hawaiian or Other Pacific Islander, as defined in the FTA Title VI Circular.

Minority Populations – A readily identifiable group of minority persons who live in geographic proximity to residential land use areas within census tracts where the percentage of minority persons is higher than the average Valley Metro service area.

Minority Route – A route with at least 1/3 of its total revenue miles within a census block, block group, or traffic analysis zone(s) where a percentage of the minority population exceeds the percentage of minority population in the transit service area, as defined in the FTA Title VI Circular. In cases where ridership does not reflect the characteristics of

the census block, block group, or traffic analysis zone, recipients may supplement this service area data with route-specific ridership data.

Route-level – Refers to the geographic level of analysis at the route alignment level, by which the performance of a transit route is measured for equity.

Route Service Area – A three-quarter-mile radial buffer on either side of a transit route’s alignment.

Service Level –The span of service (hours of operation), days of operation, number of trips, and headways (service frequencies) for a transit route or the regional transit system.

Service Span – The span of hours over which service is operated (e.g., 6 a.m. to 10 p.m.). The service span may vary between weekdays, Saturdays, and Sundays.

System-wide – Refers to the geographic level of analysis by which the performance of the entire transit system is measured for equity.

Transit Service Area –For local bus service, the service area is defined as a three-quarter-mile buffer around the transit system. For express/RAPID service, it is a three-mile-buffer around park-and-ride and transit facilities.

Transit System – A coordinated urban network of scheduled public passenger modes, including fixed-route local and express buses, light rail, streetcar transit, bus rapid transit, and circulator bus services, providing mobility for people from one place to another.

SECTION 7.11 PUBLIC PARTICIPATION PROCEDURES

For all proposed service changes, Valley Metro and/or the City of Phoenix will conduct public outreach as outlined in the Public Participation Plan Section 2.6.

SECTION 7.12 SERVICE EQUITY ANALYSIS

Service Equity Analysis conducted between October 2021 and April 2024 are included in this section.

SECTION 7.13 FARE EQUITY POLICY OVERVIEW

The purpose of the Fare Equity Policy is to establish a threshold for determining whether potential changes to existing transit fares, by transit mode and/or fare media will have a discriminatory impact based on race, color, or national origin. It also assesses whether a potential fare adjustment will have a disproportionately high or adverse impact on minority and/or low-income populations.

If the availability of or access to fare media is impacted, such as by the addition or removal of sales channels, it will be evaluated under the provisions of the Major Service Change and Service Equity Policy. Any changes involving the pricing of fare media will be evaluated according to the sections below.

SECTION 7.14 FARE EQUITY POLICY STANDARDS

Federal law requires the City of Phoenix and Valley Metro to evaluate all fare changes, regardless of the number of increases or decreases, as outlined in FTA Circular 4702.1B, effective October 1, 2012. To comply with 49 CFR Section 21.5(b)(a), 49 CFR Section 21.5(b)(7) and Appendix C to 49 CFR Part 21, recipients must develop procedures for analyzing all fare changes to determine whether the proposed fare change(s) will have a discriminatory impact. This analysis must be done prior to implementation of any fare adjustments.

The purpose for conducting fare change analyses before implementation is to determine whether a proposed change will have a disparate impact on minority users and/or a disproportionate burden on low-income riders. The standard method for measuring disparate and disproportionate impacts involves comparing the proportion of persons in a protected class (minority and low-income—see definition in Section 7.10) to the overall users that are affected by the proposed fare adjustment(s).

To analyze the proposed fare changes, FTA Circular 4702.1B requires Valley Metro and the City of Phoenix to develop a Disparate Impact Policy and a Disproportionate Burden Policy for measuring potential disparate impacts and disproportionate burdens resulting from the proposed fare adjustment(s). Valley Metro and the City of Phoenix have coordinated on the development of these two policies in accordance with FTA Circular 4702.1B.

The following section identifies the data that will be used to conduct an analysis.

SECTION 7.15 FARE EQUITY DATA ANALYSIS

All proposed increases or decreases in fares for the entire system or specific transit modes (such as local bus service, circulator service, Express and RAPID bus service, light rail service and streetcar service) or changes to fare media (such as single pass, all-day pass, 31-day pass or other multiday passes, including mobile fares) are required to be analyzed. Information generated from ridership surveys (O&D survey) will be used to identify ridership by transit mode and fare media to determine whether minority and/or low-income riders would be disproportionately impacted by the proposed fare and/or fare media changes. Census data cannot be used because it does not indicate what type of payment or type of fare media people are using. The following process shall be used to conduct the analysis:

- *Determine the numbers and percentage of riders for each fare media and for each transit mode being changed;*
- *Review all the fares before and after the proposed change;*
- *Compare the differences for each particular fare media between minority riders and non-minority riders and between low-income riders and non-low-income riders; and*
- *Compare the differences for each particular fare media between local and express services, and between minority riders and non-minority riders, and between low-income riders and non-low-income riders.*

SECTION 7.16 FARE EQUITY DISPARATE IMPACT POLICY

When there is any fare adjustment, Valley Metro and the City of Phoenix will compare the percentage change between minority riders and non-minority riders. A fare adjustment is considered to have a disparate impact when the absolute difference results in minority riders bearing a rate change that is equal to or greater than 5 percent as compared to non-minority riders.

Disparate Impact

If Valley Metro or the City of Phoenix finds that minority riders experience disparate impact(s) from the proposed fare adjustments, steps will be taken to avoid, minimize, or mitigate this disparate impact. It is possible adjust the fare adjustments to avoid disparate impacts. Once the fare(s) have been adjusted another analysis must be conducted to determine if the changes have removed the disparate impact.

If Valley Metro or the City of Phoenix chooses to not alter the proposed fare adjustments despite the disparate impact, or if even after a revision, minority riders continue to bear a disproportionate share of the proposed fare change, Valley Metro or the City of Phoenix may implement the proposed fare change only if, pursuant to FTA Circular 4702.1B:

- *A substantial legitimate justification for the proposed fare change(s) exists, and*
- *There are no alternative(s) that serve the same legitimate objectives with less of a disproportionate impact on minority populations or riders.*

Note that to demonstrate this, Valley Metro or the City of Phoenix must consider and analyze alternatives to determine whether the alternatives would have less of a disparate impact on minority users. Then the least discriminatory alternative must be implemented.

SECTION 7.17 FARE EQUITY DISPROPORTIONATE BURDEN POLICY

When there is any fare adjustment, Valley Metro and the City of Phoenix will compare the percent change for each fare adjustment between low-income riders and non-low-income riders. A fare change is considered a disproportionate burden when the absolute difference results in low-income riders experiencing a rate change that is equal to or greater than 5 percent compared to non-low-income riders.

Disproportionate Burden Impact

If Valley Metro or the City of Phoenix finds that low-income riders experience a disproportionate burden from the proposed fare adjustment(s), steps should be taken to avoid, minimize, or mitigate these impacts were practicable, in accordance with FTA Circular 4701.1B, Valley Metro or the City of Phoenix will also describe alternatives available to low-income riders affected by the proposed fare adjustment(s).

SECTION 7.18 FARE EQUITY POLICY EXEMPTIONS

- Fares charged for demand-response service.
- Temporary or promotional fares lasting 6 or fewer months.

SECTION 7.19 FARE EQUITY POLICY DEFINITIONS

Disparate Impact – A facially neutral policy or practice that has a disproportionately adverse effect on minority riders or population of the service area.

Disparate Treatment – An action that results in circumstance in which minority riders or populations are treated differently than others because of their race, color or national origin.

Disproportionate Burden – A facially neutral policy or practice that has a disproportionately adverse effect on low-income riders or population of the service area.

Express Transit Service – Includes Valley Metro-designated Express bus and City of Phoenix RAPID bus services.

Fare Media – The type of fare media that Valley Metro and the City of Phoenix offer or plan to offer transit passengers (single ride fare, all-day fare, multiday fare, mobile fare, Express and RAPID bus fare).

High-capacity Transit – A transit facility or service that operates at a consistent, high frequency of service.

Local Transit Service – Includes light rail transit, streetcar and local fixed-route bus, local limited stop bus and circulator/shuttle bus services.

Low-income Person – A person whose median household income is at or below 150 percent of the U.S. Department of Health and Human Services poverty line.

Low-income Areas – A census tract or other geographic bound area that has a higher percentage of low-income persons (defined above) than the overall average percentage of low-income persons in the route service area.

Minority Person – A person who is American Indian or Alaska Native, Asian, Black or African American, Hispanic or Latino, Native Hawaiian or Pacific Islander, as defined in the FTA Title VI Circular.

Minority Populations – A readily identifiable group of minority persons who live in geographic proximity-residential land use areas within census tracts where the percentage of minority persons is higher than the Valley Metro service area coverage.

Minority Route – A route that has at least one-third of its total revenue miles in a census block or block group, or traffic analysis zone, with percentage of minority population that exceeds the percentage of minority population in the transit service area, as defined in the FTA Title VI Circular. A recipient may supplement this service area data with route-specific ridership data in cases where ridership does not reflect the characteristics of the census block, block group or traffic analysis zone.

Route-level – Reference to the geographic level of analysis at the route alignment level by which the performance of the transit route is measured for equity.

Route Service Area – A three-quarter mile radial buffer on either side of a transit route's alignment

SECTION 7.20 FARE EQUITY POLICY PUBLIC PARTICIPATORY PROCEDURES

For all proposed fare changes, Valley Metro and/or City of Phoenix will conduct public outreach as outlined in the Public Participation Plan.

SECTION 7.21 FARE EQUITY ANALYSIS

Since the last triennial Title VI Program plan submittal, the City of Phoenix has not implemented any fare changes.

CHAPTER 8: SECTION 5310 GRANT PLANNING AND ADMINISTRATION

SECTION 8.1 5310 GRANT PROGRAM PLANNING OVERVIEW

In accordance with FTA Circular 4702.1B, Chap V-2, Sec 3, the City of Phoenix is committed to ensuring the 5310-planning process complies with FTA Title VI regulations.

Section 5310 Grant: The FTA Section 5310 Grant Program, Enhanced Mobility of Seniors and Individuals with Disabilities is a grant program that provides and strengthens the transportation services available to meet the mobility needs of seniors and individuals with disabilities. It is recognized that these populations often have transportation needs that are not adequately met by personal vehicles or public transportation, and require specialized assistance to access services, employment, and medical care. All Section 5310 projects must provide service to seniors (65 years and over) and/or persons with disabilities of all ages.

SECTION 8.2 5310 GRANT PLANNING RESPONSIBILITIES

As designated by the Governor of the State of Arizona, the City of Phoenix administers Federal Transit Administration funds for large, urbanized areas (population greater than 200,000) within the Maricopa County region. Currently, this includes projects within the Phoenix-Mesa-Scottsdale and Phoenix West-Goodyear-Avondale urban areas. The City of Phoenix ensures all subrecipients comply with Federal requirements.

The City of Phoenix administers the Section 5310 Enhanced Mobility of Seniors and Individuals with Disabilities Program, as well as all other FTA funds passed through to subrecipients without regard to race, color, or national origin. This ensures that minority populations are not being denied the benefit of or excluded participation in these programs.

The Maricopa Association of Governments (MAG) serves as the regional Metropolitan Planning Organization (MPO) for Maricopa County in the State of Arizona. In conjunction with the City of Phoenix, MAG is responsible for coordinating the Human Services Coordination Transportation Planning (HSCTP) process and administering the pre-award regional competitive process for the grant program.

The goal of the HSCTP is to identify the transportation needs of individuals with disabilities, older adults, minorities, and persons with low income. Plans are developed in collaboration with a diverse group of stakeholders including transportation and human services providers, the metropolitan planning organization, local governments, and state agencies. Specifically, the HSCTP creates a comprehensive inventory of service providers; establishes a formal process to build sub-regional collaborations focused on improving coordination efforts within the region; establishes regionally focused strategies as a priority for funding under specified FTA programs; and lays the foundation for considering more expansive coordination strategies in future years.

SECTION 8.3 DESCRIPTION OF THE PLANNING PROCESS

As documented in the City of Phoenix's Program Management Plan, the City of Phoenix and MAG have developed a process within the Human Services Coordination Transportation Planning Program that helps identify and capture demographic information on agencies who serve minority populations. MAG is responsible for notifying eligible local entities of funding availability, grant application workshop opportunities and has established a technical committee, the Elderly and Persons with Disabilities Transportation (EPDT) Committee that is responsible for reviewing, scoring, and providing recommendations on funding projects.

Public notifications of all 5310 program activities are advertised on MAG's website at <https://www.azmag.gov/Committees/Technical-Committees/Elderly-and-Persons-with-Disabilities-Transportation-Committee>. MAG forwards notices of all workshops via email to stakeholders of the Human Services Coordination Transportation Planning program. MAG also utilizes the GovDelivery system to increase public outreach to members of the community.

SECTION 8.4 5310 GRANT PROGRAM ADMINISTRATION

In accordance with FTA Circular 4702.1B, Chap V-3, Sec 4, the City of Phoenix is committed to ensuring the 5310-administration process complies with FTA Title VI regulations.

Pre-Award Program Administration:

The City of Phoenix follows an application process administered by MAG to pass through FTA financial assistance to subrecipients in a non-discriminatory manner. MAG conducts an annual regional competitive process for the Section 5310 grant program. The application process and procedures are extensively documented and publicized in both the Phoenix-Mesa-Scottsdale and Phoenix West-Goodyear-Avondale Urban Area Handbook & Program Guidelines, City of Phoenix Program Management Plan, as well as application materials that are updated and disseminated during each application cycle. MAG is responsible for notifying eligible local entities of funding availability and has established the Elderly and Persons with Disabilities Transportation (EPDT) Committee, a technical committee.

MAG, the EPDT Committee and the City of Phoenix work in conjunction to develop project selection criteria, determining applicant eligibility. The EPDT committee reviews, scores, and recommend projects for funding. The recommended projects are then forwarded through the MAG committee process for recommendation and approval by the MAG Regional Council, which consist of elected officials from 27 cities and towns, three Native nations, Maricopa County, and portions of Pinal County member agencies. The recommended projects are ultimately submitted to the City of Phoenix, the designated recipient, for final approval.

Post Award Program Administration:

The City of Phoenix is responsible for overseeing the 5310 program post-award functions, which includes funding projects such as capital equipment purchases (predominately

accessible van and bus replacements), reimbursement of staffing and training cost under mobility management, reimbursement of preventative maintenance cost, and reimbursement of operating expenses like driver salaries, fuel and insurance. The City procures capital equipment on behalf of the subrecipients in accordance with FTA and City procurement regulations. Additionally, the City provides technical assistance and guidance to subrecipients, and conducts compliance reviews to ensure adherence to all FTA regulations, including Title VI.

8.5 AWARD PROCESS

The Award Process is based on a ranking of applications against pre-determined evaluation criteria in line with the goal and priorities of each grant program identified at the federal and local/regional level. Awards are made initially based on application requests and ability of applicants to meet these pre-determined criteria. After initial awards are determined, final award amounts are developed by considering the Title VI minority and protected classes' populations by service area.

In regard to any award adjustments based on the evaluation of Title VI categories, for 5310, this is only done if there is not a solid, justifiable policy decision (either made at the local/regional or federal level) that supports the reason the discrepancy between the awarded amounts of funding and the number of minorities in a given population area. An alteration of the award or reconsideration of the information and type of award to be made is completed if there is a potential adverse effect that not funding a particular project or program would cause and the application/applicant meets the baseline threshold and evaluation criteria requirements of the 5310 program.

8.6 ASSISTANCE TO POTENTIAL SUBRECIPIENTS

MAG and the City of Phoenix offer a variety of tools to assist potential subrecipients with grant and Title VI requirements. MAG has developed a mapping tool that is available to all potential applicants to create service area maps, as well as minority population data. The City of Phoenix has provided a dedicated email address to respond to Section 5310 inquires available to potential and current subrecipients, the email is Section5310@phoenix.gov.

MAG, with the support of the City of Phoenix, provides outreach and training regarding these documented procedures to explain the requirements of the grant program and how new applicants can become eligible for potential funding. This public information provided notates all requirements for Title VI distribution of funding and applicants are notified that financial assistance is awarded in a non-discriminatory manner.

8.7 RECORD RETENTION

Files are maintained in collaboration with MAG. MAG records all information on a priority listing and provides the listing to the City of Phoenix Grants Section for all planning and administration documentation. Grant management staff maintains the files for three years after grant or project completion. The City of Phoenix, Compliance Section maintains all Title VI program plans.

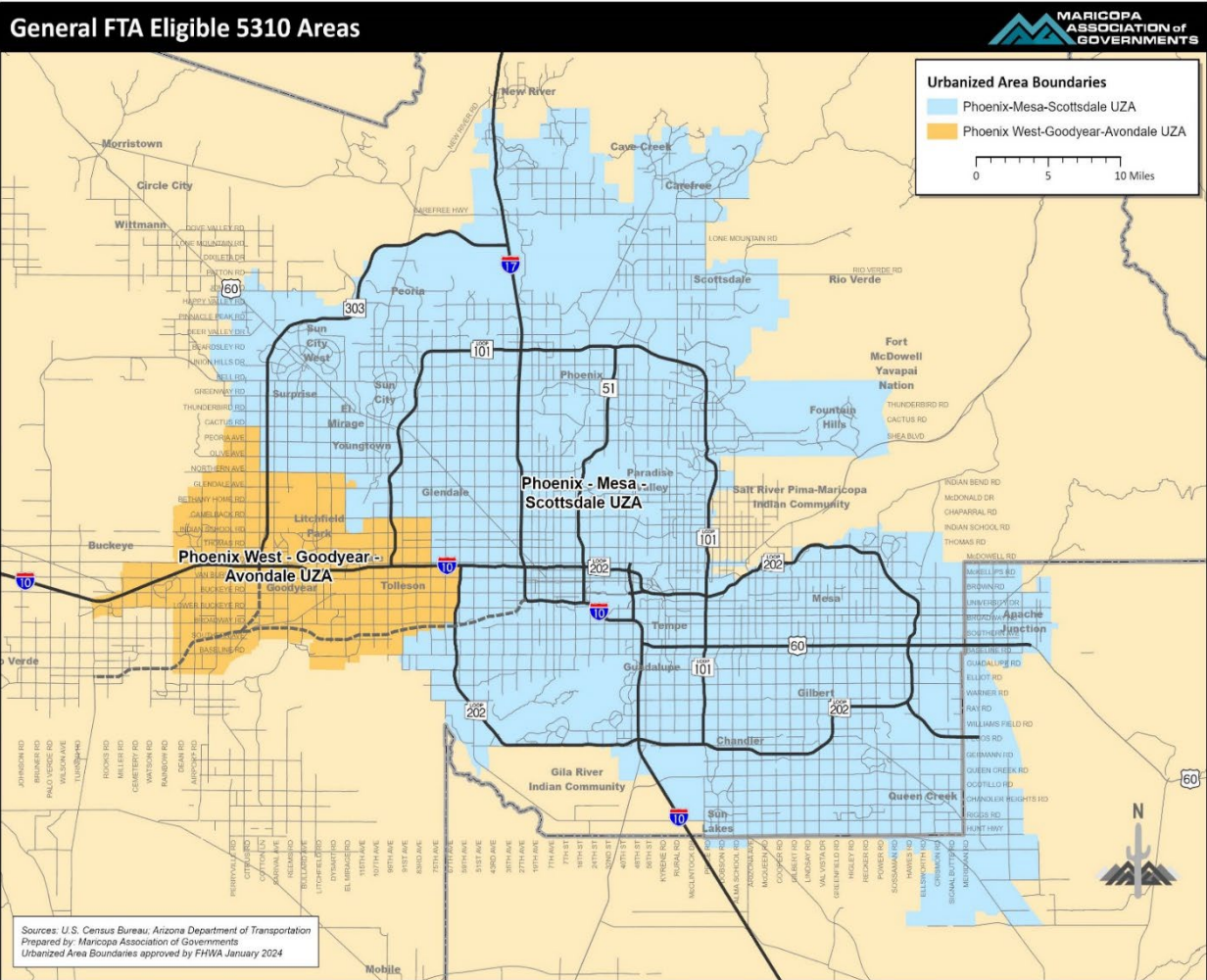
SECTION 8.8 5310 GRANT DEMOGRAPHICS MAPS

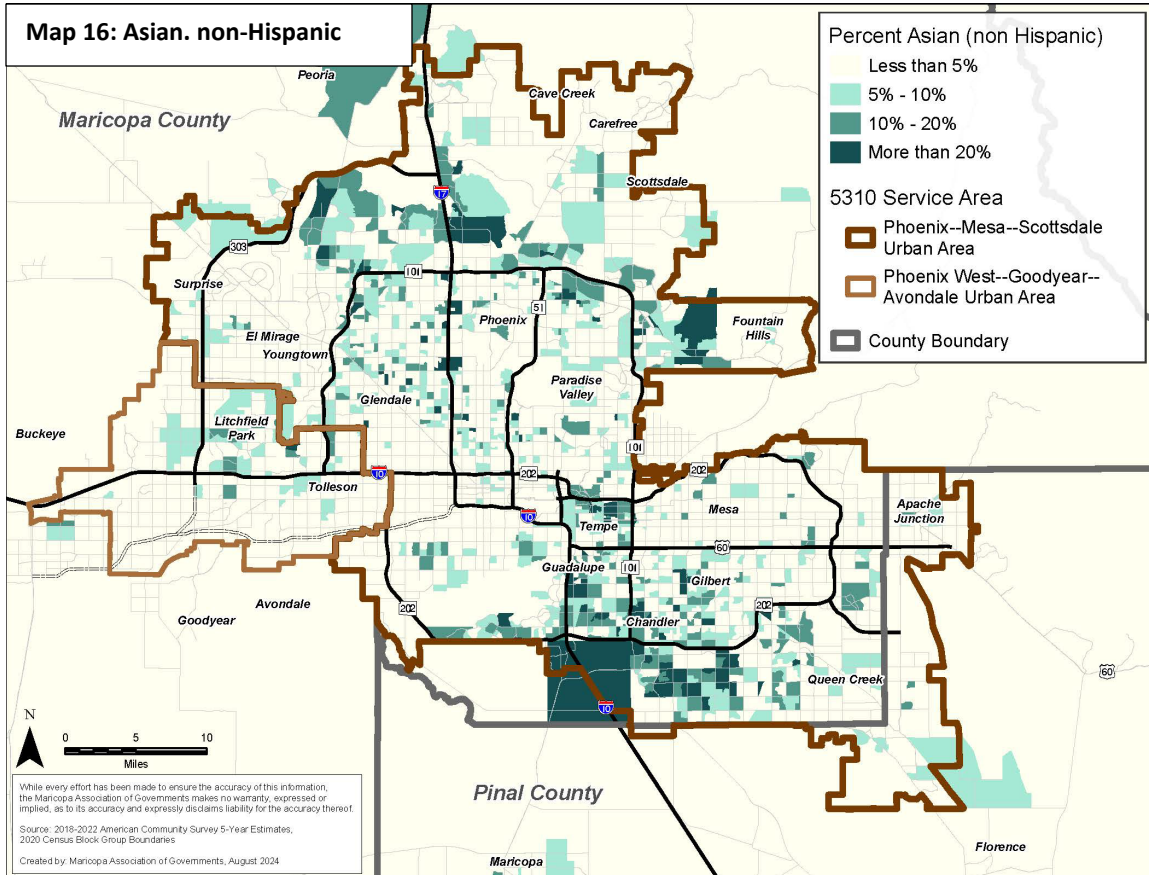
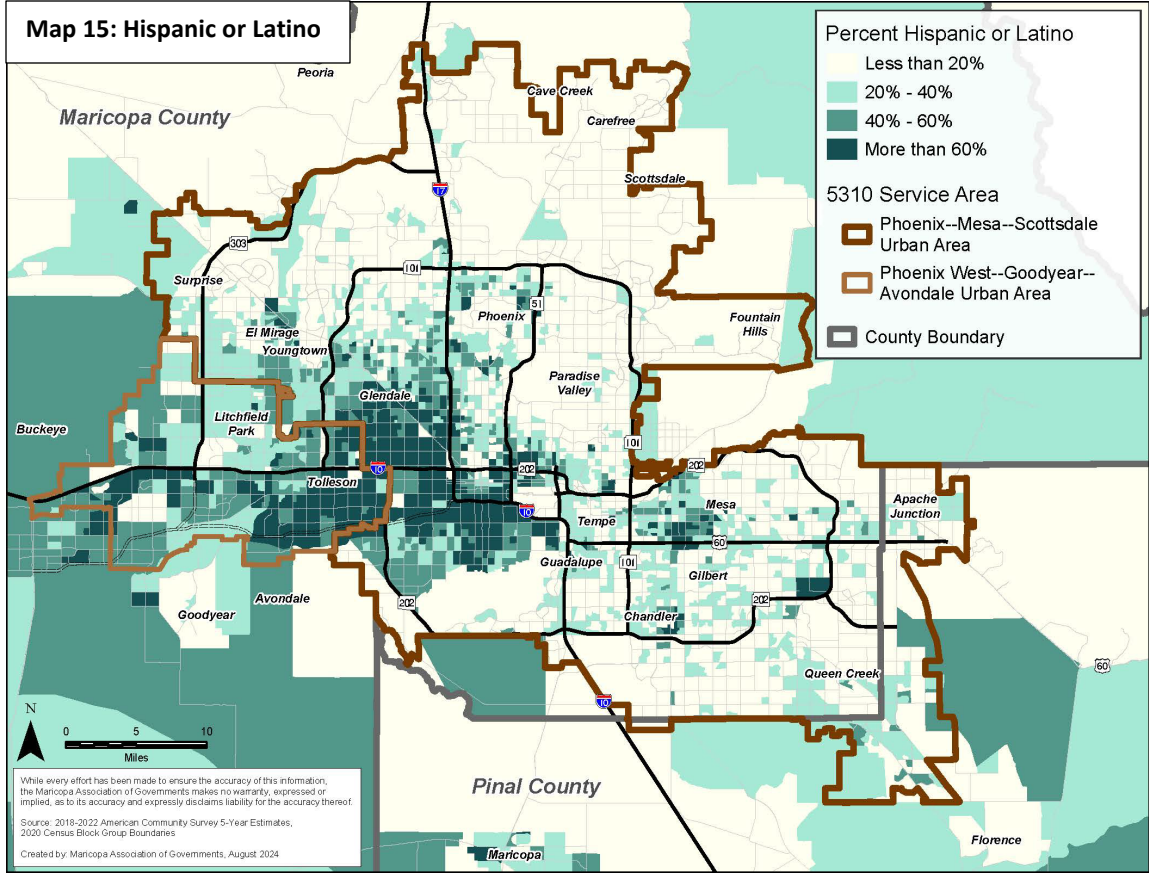
Maricopa Association of Governments (MAG) Regional Analytics Division currently makes available a free online service area mapping tool for applicants to create maps of their service area as required by the Section 5310 application. Additionally, MAG provides a free online Arizona Demographic viewer tool which allows users to overlay demographic data, such as the percentage of minority and non-minority populations as identified by the Census or American Community Survey, at the Census Tract level.

The following Demographic maps for the populations are provided below.

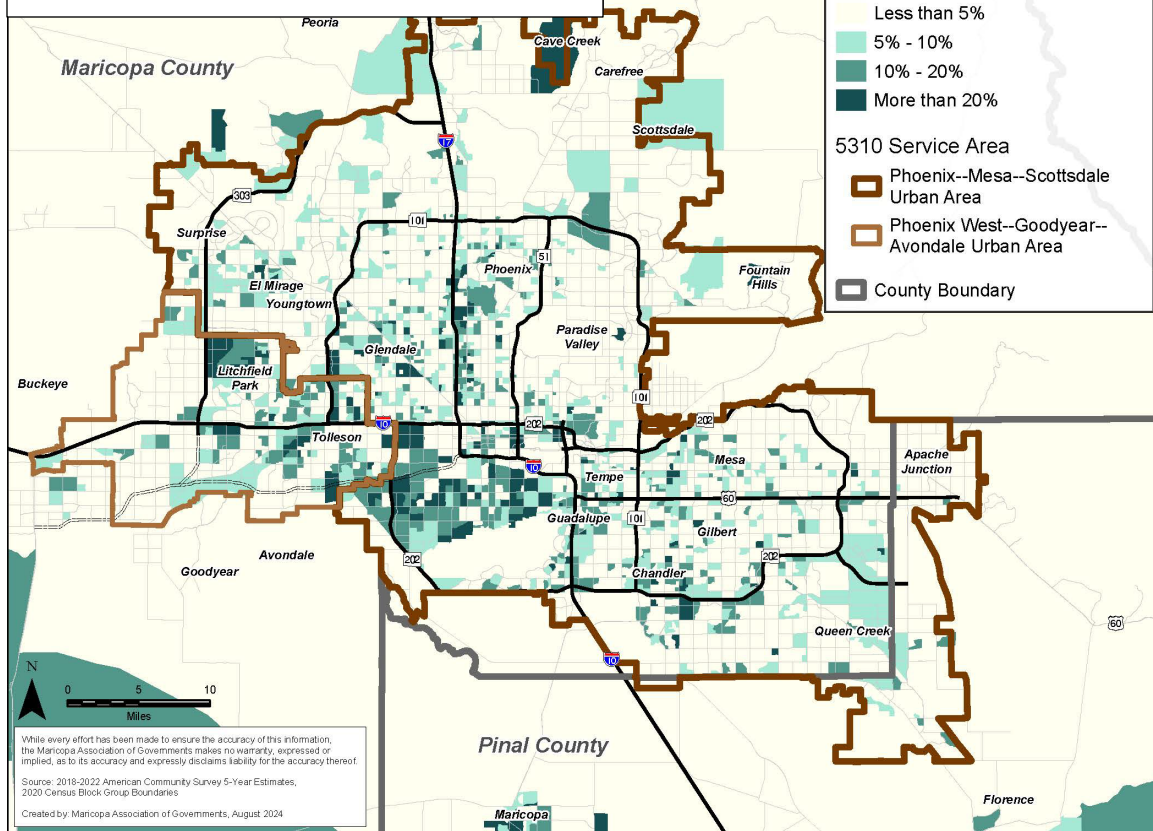
- Map 14: Section 5310 Grant Service Area
- Map 15: Hispanic or Latino
- Map 16: Asian
- Map 17: Black or African American
- Map 18: Hawaiian and Other Pacific Islander
- Map 19: Two or More Races
- Map 20: American Indian and Alaska Native
- Map 21: Other
- Map 22: White

MAP 14: SECTION 5310 GRANT SERVICE AREA

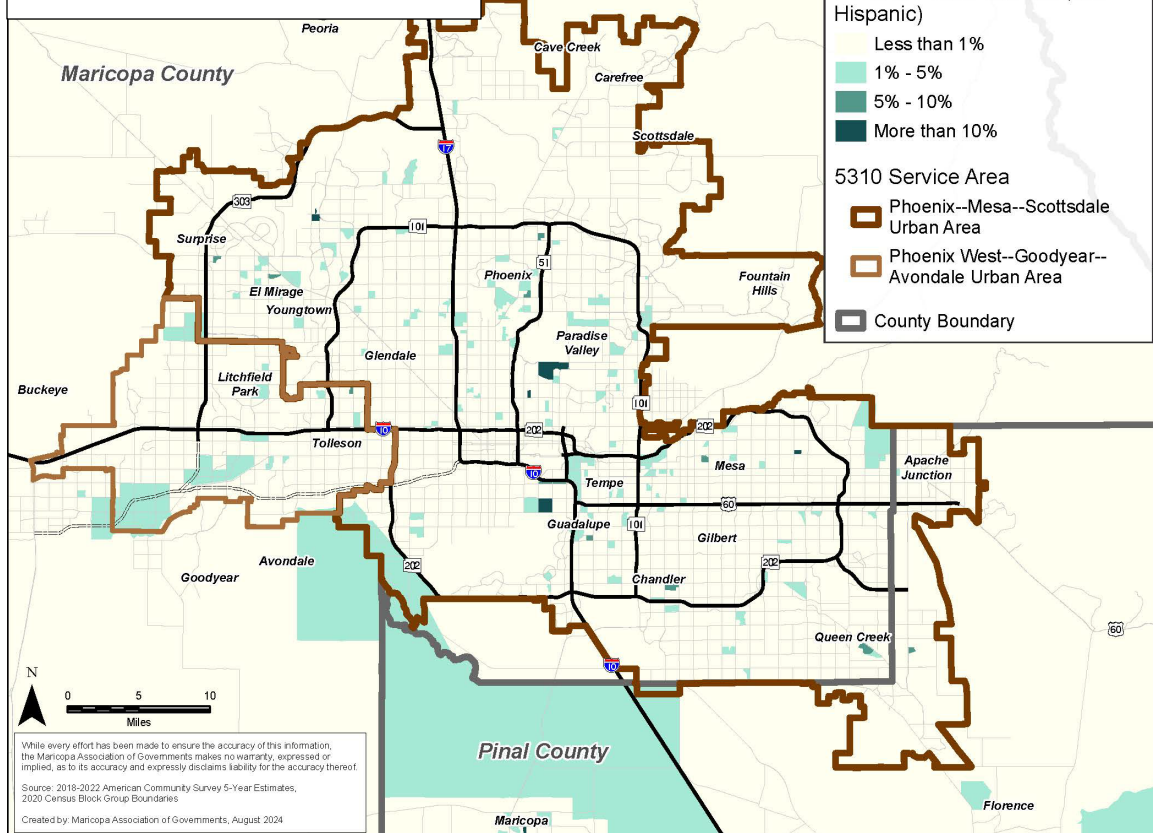




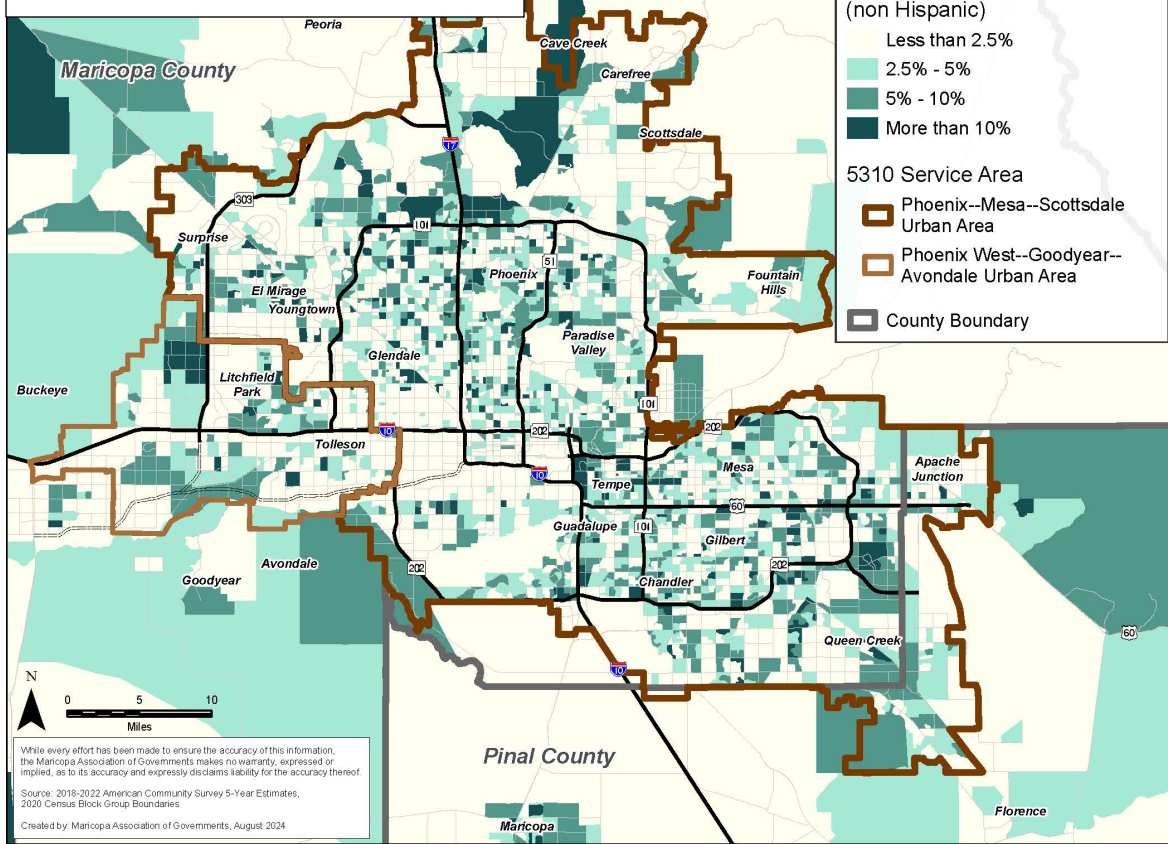
Map 17: Black, or African American, non-Hispanic



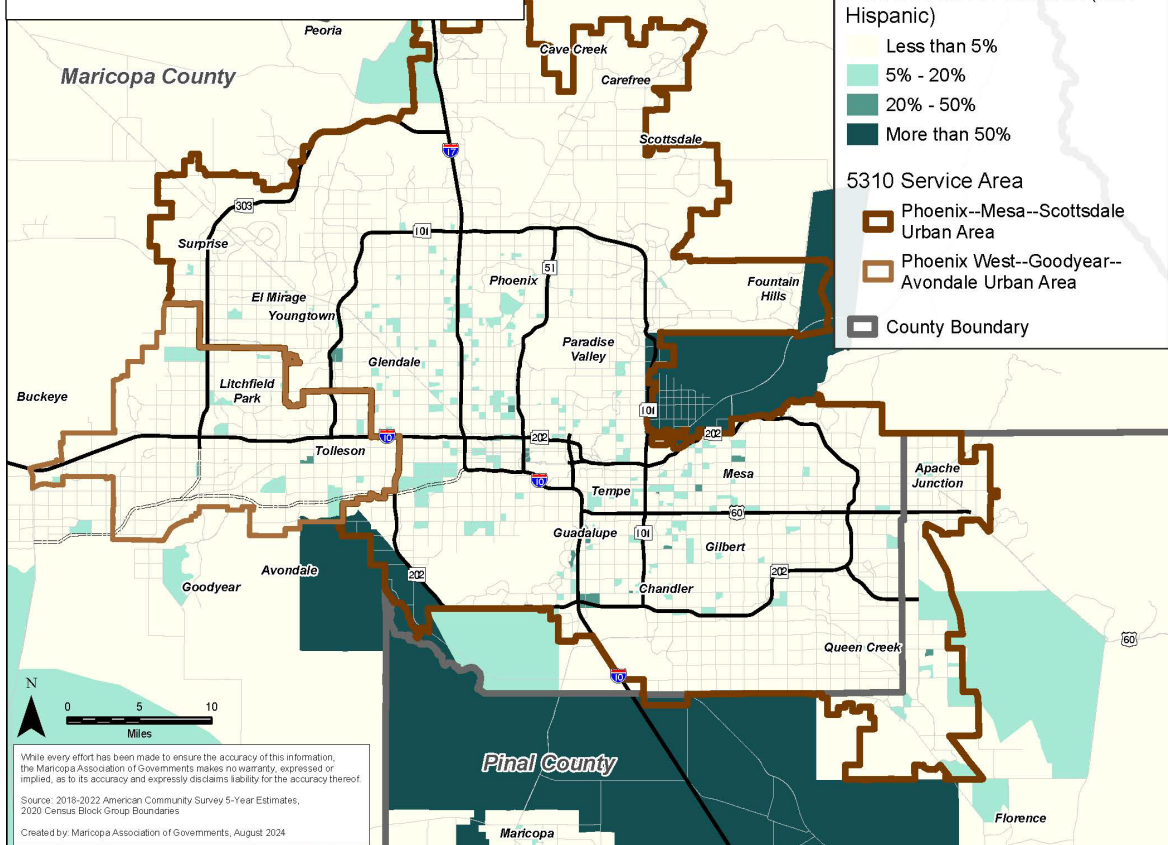
Map 18: Pacific Islander, non-Hispanic

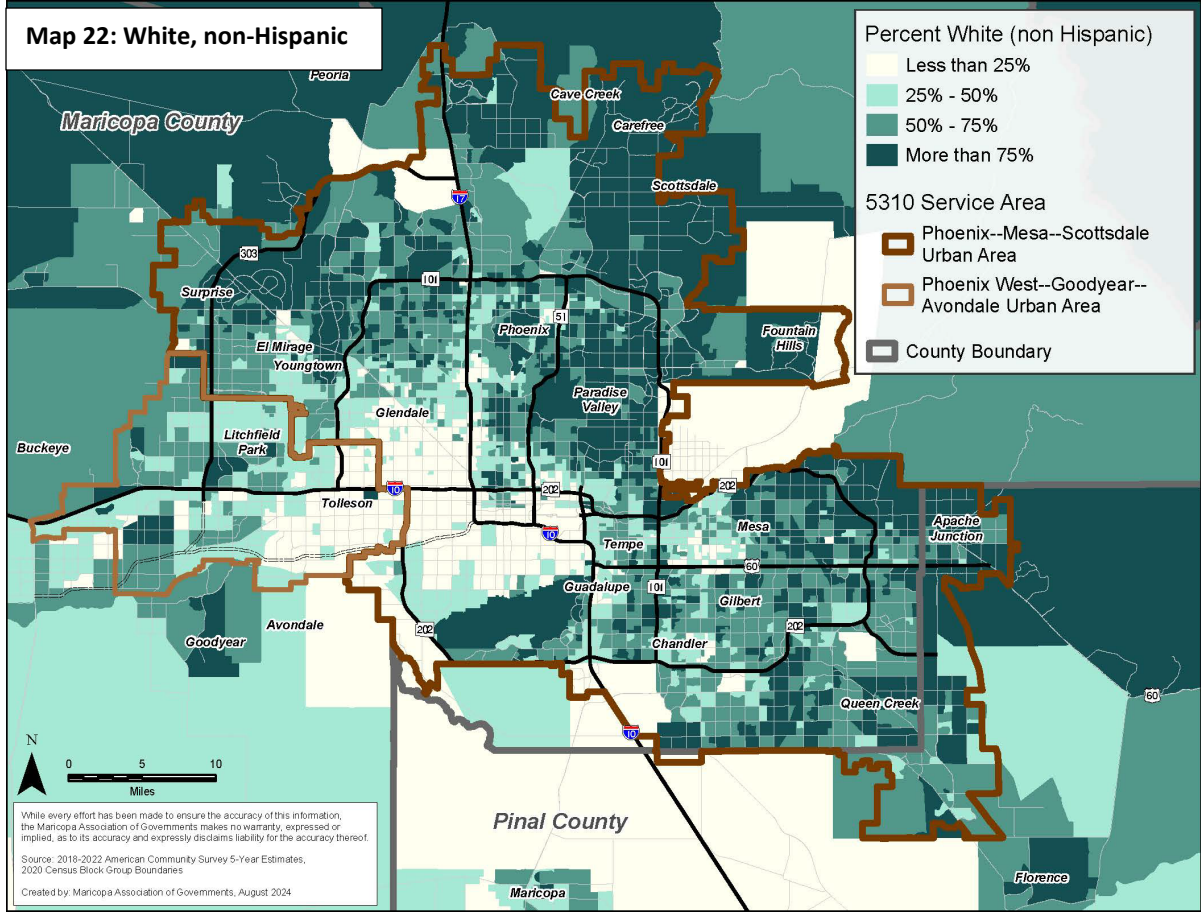
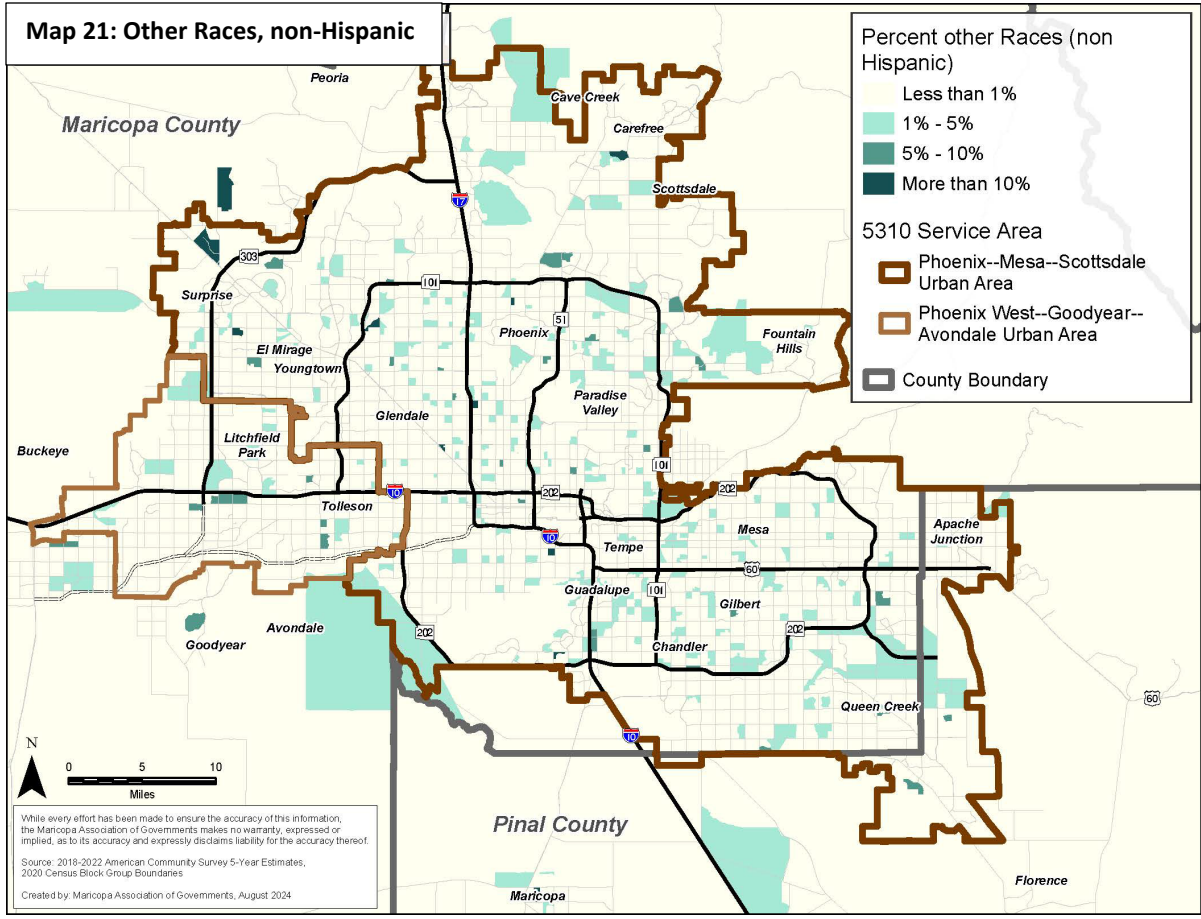


Map 19: Two or More Races, non-Hispanic



Map 20: Native American, non-Hispanic





8.9 DEMOGRAPHIC ANALYSIS

Based on the maps and other information provided from the U.S. Census Bureau or American Community Surveys, the City of Phoenix conducts an analysis that evaluates the impacts of distribution of State and Federal funds in the aggregate for public transportation purposes. MAG posts the aggregate maps on the MAG website under the Section 5310 Human Services Transportation page.

Steps in the analysis process include:

1. MAG creates a heat map indicating the minority populations based upon US Census and American Community Survey data within the urbanized area boundaries and including an aggregate outline of the areas served by the subrecipients who were awarded grants.
2. Utilizing the map of the Section 5310 awarded nonprofits service coverage are compared within the Phoenix-Mesa urbanized area.
3. Evaluate any disparate impacts determined by the area of service coverage within the minority populations service area by evaluating the percent of total awards given within the service area to the percent of requested dollars by minority and non-minority.
5. Evaluate any disparate impacts based on these areas determined.
6. MAG also considers individual impacts of the different Title VI and non-Title VI protected classes to ensure that no individuals areas are disparately impacted.

Disparate impact is a negative adverse effect for a community of people that may not receive a transportation service if an applicant's request is not funded.

**City of Phoenix
City Council Formal
Meeting
September 18, 2024**

**Legislative File Meeting
Minutes - Item #73**



City of Phoenix

Results

Meeting Location:
City Council Chambers
200 W. Jefferson St.
Phoenix, Arizona 85003

City Council Formal Meeting

Wednesday, September 18, 2024

2:30 PM

phoenix.gov

*****Once finalized, the approved minutes will supersede this document and serve as the permanent record of this meeting and results.*****

CALL TO ORDER AND ROLL CALL

MINUTES OF MEETINGS

1 For Approval or Correction, the Minutes of the Formal Meeting on February 1, 2023

This item was approved.

2 For Approval or Correction, the Minutes of the Formal Meeting on May 3, 2023

This item was approved.

3 For Approval or Correction, the Minutes of the Formal Meeting on June 14, 2023

This item was approved.

BOARDS AND COMMISSIONS

4 Mayor and Council Appointments to Boards and Commissions

This item was approved.

LIQUOR LICENSES, BINGO, AND OFF-TRACK BETTING LICENSE APPLICATIONS

5 Liquor License - Special Event - Our Lady of Czestochowa Roman Catholic Parish Phoenix

This item was recommended for approval.

6 Liquor License - Special Event - Tender Little Hearts Mini Tales

This item was recommended for approval.

7 Liquor License - Center Court Pickleball Club

This item was recommended for approval.

- 8 Liquor License - Special Event - St. Luke Roman Catholic Parish Phoenix

This item was recommended for approval.

- 9 Liquor License - Carbon & Salt Taco Shop

This item was recommended for approval.

- 10 Liquor License - Walker's Liquor

This item was recommended for approval.

- 11 Liquor License - Special Event - Xavier College Preparatory Roman Catholic High School

This item was recommended for approval.

- 12 Liquor License - Special Event - SS. Simon & Jude Roman Catholic Cathedral Phoenix

This item was recommended for approval.

- 13 Liquor License - Special Event - Kiwanis Club of Ahwatukee Foundation, Inc.

This item was recommended for approval.

- 14 Liquor License - Special Event - Treasure House

This item was recommended for approval.

- 15 Liquor License - American Way Pasta

This item was recommended for approval.

- 16 Liquor License - Foothills Beer & Wine

This item was recommended for disapproval.

- 17 Liquor License - Special Event - Network of Executive Women in Hospitality

This item was recommended for approval.

- 18 Liquor License - Special Event - The Walter Hive

This item was recommended for approval.

- 19 Liquor License - Industry Standard

This item was recommended for approval.

- 20 Liquor License - Special Event - Alwun House Foundation (10/4/24)

This item was recommended for approval.

- 21 Liquor License - Special Event - Alwun House Foundation (10/26/24)
This item was recommended for approval.
- 22 Liquor License - Special Event - Alwun House Foundation (2/7/25)
This item was recommended for approval.
- 23 Liquor License - Special Event - Alwun House Foundation (2/14/25)
This item was recommended for approval.
- 24 Liquor License - Special Event - Alwun House Foundation (2/21/25)
This item was recommended for approval.
- 25 Liquor License - Special Event - Girl Scouts - Arizona Cactus - Pine Council, Inc.
This item was recommended for approval.
- 26 Liquor License - Special Event - Horses Help Foundation
This item was recommended for approval.
- 27 Liquor License - Special Event - One Love Arizona: Rescue, Advocacy & Sterilization
This item was recommended for approval.
- 28 Liquor License - Special Event - Saint Sava Serbian Orthodox Church
This item was recommended for approval.
- 29 Liquor License - Special Event - The National Society of Black Sports Professionals Phoenix Chapter
This item was recommended for approval.
- 30 Liquor License - Celebrity Theatre
This item was recommended for approval.
- 31 Liquor License - Desert Botanical Distillery
This item was recommended for approval.

PAYMENT ORDINANCE (Ordinance S-51233) (Items 32-37)

- 32 National League of Cities

This item was adopted.

- 33 Jack Doheny Company Inc. (JDC)

This item was adopted.

- 34 City of Glendale

This item was adopted.

- 35 Settlement of Claim(s) Drabik v. City of Phoenix

This item was adopted.

- 36 Settlement of Claim(s) Simon v. City of Phoenix

This item was adopted.

- 37 Settlement of Claim(s) Warren (Terrell) v. City of Phoenix

This item was adopted.

ADMINISTRATION

- 38 Customer Engagement Software Contract - EXC 23-003 - Amendment
(Ordinance S-51240)

This item was adopted.

- 39 Acquisition of a Storm Drain Easement South of E. Washington Street and
East of State Route 202 (Ordinance S-51239)

This item was adopted.

- 40 Acquisition of Real Property Along E. Camelback Road Between N. 12th and
16th Streets for Sidewalk Improvements (Ordinance S-51242)

This item was adopted.

- 41 Acquisition of Real Property for Traffic Safety Improvements at N. 32nd
Street and E. Thomas Road, and N. 32nd Street and E. Windsor Avenue
(Ordinance S-51278)

This item was adopted.

- 42 Acquisition of Real Property Located on the Northwest Corner of W. Baseline
Road and S. 67th Avenue for Future Fire Station 73 (Ordinance S-51279)

This item was adopted.

- 43 Acceptance of Easements for Water and Drainage Purposes (Ordinance
S-51252)

This item was adopted.

- 44 Acceptance and Dedication of a Deed and Easements for Roadway, Public Utility and Sidewalk Purposes (Ordinance S-51253)

This item was adopted.

- 45 Real Estate and Brokerage Services for Citywide Projects- RFQ 17-003 - Amendment (Ordinance S-51258)

This item was adopted.

- 46 ITB-CLIPS Contract - RFA-24-0143 Request for Award (Ordinance S-51255)

This item was adopted.

- 47 Parts Washer Maintenance and Repair Contract - IFB-24-0373 Request for Award (Ordinance S-51256)

This item was adopted.

- 48 Ice and Ice Storage - IFB 18-319 - Amendment (Ordinance S-51271)

This item was adopted.

- 49 Long Term Disability Program Clinical Consulting Services - RFP BEN 18-07- Amendment (Ordinance S-51257)

This item was adopted.

- 50 Affordable Care Act (ACA) Reporting Services- RFP HR 22-018 - Amendment (Ordinance S-51272)

This item was adopted.

- 51 Amendments to the City's Combined Classification and Pay Ordinance (S-51144) in Accordance with Human Resources Committee 628 Recommendations (Ordinance S-51280)

This item was adopted.

COMMUNITY SERVICES

- 52 American Rescue Plan Act Phoenix Resilient Food System Program Amendments to Ordinance S-49889 (Ordinance S-51274)

This item was adopted.

- 53 Authorization to Amend Federal Community Development Block Grant Construction Loan Agreement, City Contract 85077 with Chicanos Por La Causa (Ordinance S-51251)

This item was adopted.

- 54** Amend Ordinance to Add Section 18/32 Home Ownership Programs Funding to Accurate Appraisals U.S.A., LLC Contract (Ordinance S-51260)

This item was adopted.

- 55** Property Management Services for Affordable Housing Portfolio Groups A and B - Amendments to Ordinance S-46029 (Ordinance S-51262)

This item was adopted.

- 56** Authorization to Enter Into Contract for Consulting Services for Fiscal Monitoring Request for Proposals Contract Award (Ordinance S-51264)

This item was adopted.

- 57** Poultry Ordinance Amendment (Ordinance G-7300)

This item was adopted.

- 58** Abandoned Shopping Cart Program Retrieval Fee Update (Ordinance S-51261)

This item was adopted.

- 59** Midwest Art Conservation Center's Protecting Public Art Collections Grant (Ordinance S-51275)

This item was adopted.

- 60** Trailhead Custodial Maintenance Services (Ordinance S-51277)

This item was adopted.

PUBLIC SAFETY

- 61** Letter of Agreement with Mayo Clinic School of Graduate Medical Education for Clinical Experiences (Ordinance S-51235)

This item was adopted.

- 62** Enter into 2024 Readiness Cooperative Agreement with FEMA (Ordinance S-51263)

This item was adopted.

- 63** Request to Apply for and Accept 100 Club of Arizona's Safety Enhancement Stipend Program Funds (Ordinance S-51268)

This item was adopted.

- 64** Subrecipient Agreement with Maricopa County for Participation in the Securing the Cities Program (Ordinance S-51276)
This item was adopted.
- 65** Authorization to Enter into an Agreement with the United States Capitol Police (Ordinance S-51241)
This item was adopted.
- 66** Intergovernmental Agreement with Valley Metro Rail, Inc. for Public Safety Access to Public Access Video (Ordinance S-51250)
This item was adopted.
- 67** Request to Enter into Partnership Agreement with Grand Canyon University (Ordinance S-51266)
This item was adopted.
- 68** Authorization to Enter into an Agreement with the Maricopa County Sheriff's Office for Detention Officer Training (Ordinance S-51270)
This item was adopted.

TRANSPORTATION AND INFRASTRUCTURE

- 69** Aviation Department Architectural and Engineering Support Services for Aviation Job Order Contracts (Ordinance S-51245)
This item was adopted.
- 70** Phoenix Sky Harbor International Airport Terminal 4 Central Utility Plant Modernization - Engineering Services Amendment - AV21000111 FAA (Ordinance S-51246)
This item was adopted.
- 71** Automated Vehicle Identification System - Hardware Maintenance Contract RFA 24-0321 - Request for Award (Ordinance S-51248)
This item was adopted.
- 72** Automated Vehicle Identification System Software Maintenance Contract - RFA 24-0361 Request for Award (Ordinance S-51249)
This item was adopted.
- 73** Public Transit Department 2024 Title VI Plan Update
This item was approved.

- 74 Building Property Management Services Agreement for Public Transit Department (Ordinance S-51237)
- This item was adopted.**
- 75 Apply for Federal Transit Administration Pilot Program for Transit-Oriented Development Planning Grant Opportunity for Federal Fiscal Year 2023-24 - Federal Bipartisan Infrastructure Law Funding (Ordinance S-51267)
- This item was adopted.**
- 76 AZ Wastewater Industries Inc. Parts and Service RFA 25-FSD-010 - Request for Award (Ordinance S-51236)
- This item was adopted.**
- 77 Original Equipment Manufacturer Parts and Service Contract RFA 25-FSD-023 - Request for Award (Ordinance S-51238)
- This item was adopted.**
- 78 Evaporation Cooler Maintenance and Repair Contract IFB 24-FMD-042 - Request for Award (Ordinance S-51243)
- This item was adopted.**
- 79 Security Access Controls - Request for Agreement (Ordinance S-51244)
- This item was adopted.**
- 80 Transportation Funding through Maricopa Association of Governments in Federal Fiscal Year 2025 (Ordinance S-51234)
- This item was adopted.**
- 81 56th Street: Thomas Road to Camelback Road - Engineering Services Amendment - ST87210047-1 (Ordinance S-51273)
- This item was adopted.**
- 82 Request to Enter into the Development Agreement with Honor Health for a Wastewater Main Project (Ordinance S-51247)
- This item was adopted.**
- 83 Water Resources Technical Strategy Development Requirements Contract - RFA 2425-WRD-644 Request for Award (Ordinance S-51254)
- This item was adopted.**
- 84 Fire Life Safety Systems Inspection Testing and Repair - IFB 2425-WAD-641

- Request for Award (Ordinance S-51259)

This item was adopted.

85 Liquid Copper Sulfate - IFB-2425-WPP-651 Request for Award (Ordinance S-51265)

This item was adopted.

86 Hauling of Water Sludge and Screening Hauling- IFB 2122-WPP-351-Amendment Ordinance S-48111 (Ordinance S-51269)

This item was adopted.

PLANNING AND ZONING MATTERS

87 Abandonment of Easement - ABND 230035 - 22600 North 15th Avenue (Resolution 22246)

This item was adopted.

88 Abandonment of Easement - ABND 240030 - 3406 North 97th Drive (Resolution 22245)

This item was adopted.

89 Amend City Code - Official Supplementary Zoning Map 1267 (Ordinance G-7298)

This item was adopted.

90 Amend City Code - Official Supplementary Zoning Map 1268 (Ordinance G-7299)

This item was adopted.

91 Remove/Replace Zoning District - 9th Avenue and Happy Valley Road - Annexation 534 - Northwest Corner of 9th Avenue and Happy Valley Road (Ordinance G-7301)

This item was adopted.

92 Remove/Replace Zoning District - Old 27th Avenue - Annexation 546 - Approximately 325 Feet South of the Southeast Corner of Old 27th Avenue and Baseline Road (Ordinance G-7297)

This item was adopted.

93** ***REQUEST TO WITHDRAW (SEE ATTACHED MEMO) (CONTINUED FROM JUNE 26, 2024) - Amend City Code - Ordinance Adoption - Rezoning

Application Z-87-22-6 (Broadstone 56 PUD) - Approximately 875 Feet South of the Southwest Corner of 56th Street and Van Buren Street (Ordinance G-7234)

This item was withdrawn.

ADD-ON ITEMS

PAYMENT ORDINANCE (Ordinance S-51281) (Item 94)

94** ***REQUEST TO ADD-ON (SEE ATTACHED MEMO) Settlement of Claim(s) Wells v. City of Phoenix

This item was adopted.

REPORTS FROM CITY MANAGER, COMMITTEES OR CITY OFFICIALS

000 CITIZEN COMMENTS

ADJOURN



Public Transit Department 2024 Title VI Plan Update

Request City Council approval of the City of Phoenix Public Transit Department's (PTD) Title VI Plan update as required by the Federal Transit Administration (FTA). The updated plan will take effect on October 1, 2024, and continue through September 30, 2027.

Summary

As required by Title VI of the Civil Rights Act of 1964, "No person in the United States shall, on the grounds of race, color, and national origin, be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any program or activity receiving federal financial assistance." Accordingly, The FTA requires that all recipients of federal funds document their compliance by submitting an updated Title VI Plan every three years. As the designated recipient of FTA funding for the regional areas surrounding Phoenix, PTD has updated its Title VI Plan in coordination with Valley Metro.

PTD's current Title VI Plan will expire on September 30, 2024. The updated Title VI Plan will remain effective from October 1, 2024, through September 30, 2027. A summary of changes to the Title VI Plan resulting from this update is provided in **Attachment A**.

The Title VI Plan is available to the public on the PTD website or by contacting the department.

Responsible Department

This item is submitted by Deputy City Manager Mario Paniagua and the Public Transit Department.