# Analysis of Local Bus Markets - Phase II 

FINAL REPORT

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16.Abstract

This research is a follow-up of the Analysis of Local Markets study conducted by the Alan M. Voorhees Transportation Center during 2015-17. Whereas the primary objectives of the previous study were to examine both traffic (i.e., congestion) and air quality (i.e., greenhouse gas) impacts of local buses, the primary objective of the current study is to examine only air quality impacts. The analysis of air quality impacts from transportation in New Jersey is important because of the high level of air pollution in most parts of the state.

While the primary objective of this research is to estimate the greenhouse gas (GHG) impacts of local buses, its secondary objective is to examine the socioeconomic and travel characteristics of bus riders. To fulfill these objectives, a survey of bus riders was necessary. The survey was conducted between 6 AM and 4 PM onboard buses of 25 routes in four general areas or county groups of New Jersey: Hudson County, Middlesex/Monmouth County, Burlington County, and Morris County.

The analysis of survey data revealed that a large proportion of riders would use app-based services, drive their own cars, carpool with others, or use taxis to travel to their destinations in the absence of buses. Such diversions to the automobile would generate a significant amount of vehicle miles traveled, which in turn would generate a significant amount of GHG.

The analysis of rider and trip characteristics showed that the surveyed buses mostly serve riders from households without cars who have limited options to travel. Survey data analysis also showed that the buses serve a large number of low-income and minority populations. Most riders use buses to travel to and from work, but many also use them for personal business and other purposes. Based on the results, recommendations have been made.

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As research team members, senior research specialist Mark Walzer of the Bloustein Center for Survey Research, as well as senior research specialist Andrea Lubin and research project coordinator Stephanie Crozier of the Alan M. Voorhees Transportation Center significantly contributed to this study. Mark Walzer assisted with survey scheduling and monitoring as well as with the supervision of the survey. Andrea Lubin assisted with hiring and training of surveyors and setting up the data-entry program. Stephanie Crozier assisted with surveyor hiring, monitoring of surveyor activities, timesheets, and other project administration activities, such as travel reimbursements.

The contribution of Rutgers students from various programs to this study was immense. Edward J. Bloustein School students Sonia Szczesna and Shivang Shelat assisted with scheduling and monitoring of the survey and other important logistical work. Doctoral student Da Fei helped with survey data cleaning and weighting as well as GIS analysis. Approximately 40 graduate and undergraduate students from various programs at Rutgers University undertook the difficult task of conducting onboard surveys. Without the contributions of all of the above, the study could not have been successfully completed.

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## EXECUTIVE SUMMARY

## Background

Compared to other states, a larger share of people in New Jersey use public transportation. Yet, transportation-related air pollution, especially greenhouse gas (GHG) emission, is a significant concern in New Jersey because of high traffic volumes on its road network. The air quality concerns in the state could be much greater in the absence of public transit. With that background, this study examines the GHG impacts of local buses.

In order to assess the GHG impacts of local buses, it is necessary to analyze the travel patterns of riders, especially to comprehend how they would have traveled in the absence of buses. Such information cannot be obtained without a large-scale survey of bus riders. Although NJ TRANSIT periodically conducts surveys of bus riders to assess riders' personal and household characteristics, travel patterns, and satisfaction with transit, such surveys have not been conducted in more than ten years for many of its bus routes. NJ TRANSIT selected 27 of those routes for survey and analyses for this study. As four of those routes were combined into two during the study period, this report presents results from the analyses of survey data from 25 existing routes.

## Research Objectives

The specific objectives of this research are the following:
(a) Assess the GHG impacts of local buses.
(b) Assess the characteristics of riders and their travel patterns.
(c) Generate a dataset of riders through a survey that can be used to answer the research questions of this study and assist NJ TRANSIT with future service planning and modeling.

## Research Tasks

The key tasks involved in this research are the following:

- Survey preparation: Hire and train surveyors, prepare assignment sheets, print and organize surveys for distribution, and schedule surveys by week.
- Conduct onboard survey of bus riders: Conduct onboard survey of bus riders between 6 AM and 4 PM to collect data from 25 bus routes.
- Enter, clean, and weight data: Enter paper surveys collected onboard by surveyors and received by mail into an electronic format, scan surveys and assignment sheets, clean the entered data by comparing with scanned surveys, and weight the data to make the sample representative of all riders.
- Analyze survey data: Analyze survey data to examine route-specific riders' individual characteristics (including demographic and socioeconomic characteristics) and riders' travel characteristics (including trip origins and destinations, access and egress modes, trip frequency, ticket type, satisfaction with service, and the availability of travel alternatives).
- Estimate air quality impacts of buses: Use GIS to calculate trip distances of bus riders, estimate vehicle miles travelled (VMT), and estimate GHG emissions from trips that would be diverted to automobile in the absence of buses to determine the potential GHG impacts of buses.


## Key Findings

The following are the key findings of this research:

- The rider survey for the 25 routes, conducted between 6 AM and 4 PM on weekdays over several weeks in the fall of 2017 and spring of 2018, generated data from 3,795 riders.
- The analysis of the emissions impact of buses showed that the diversion of riders from buses to automobile would generate a large amount of GHG, composed mostly of carbon dioxide $\left(\mathrm{CO}_{2}\right)$. The analysis showed, based on one-way trip alone, approximately 6,175 metric tons of $\mathrm{CO}_{2}$ would be generated annually from automobiles if the riders diverted to that mode. It would take almost 1,314 automobiles to operate for a full year to generate that amount of emission.
- The bus routes predominantly serve low-income populations. For almost all routes, the share of low-income riders was significantly larger than the share of low-income persons in New Jersey. The low income of bus riders is evident from the fact that the share of riders with annual income less than $\$ 25,000$ is greater than 50 percent for 11 of the 25 routes, and for all but two routes, the share of such riders is greater than 30 percent.
- The routes predominantly serve racial and ethnic minority populations. The share of non-white riders is greater than the share of white population in the state for only one route whereas the share of African American riders is smaller than the state average for only five routes. For all but four routes, the share of Hispanic riders is greater than the state average. Asian riders also constitute more than the share of Asian population in the state for almost all routes.
- The local buses serve a large number of riders with no vehicles in household. For only one route, the share of riders with no vehicles in household is smaller than the share of households with no vehicle in household in the state. Whereas only 11.6 percent of all households in New Jersey do not have a vehicle, for ten of the routes, the share of riders with no vehicles in household is greater than 50 percent.
- For a large number of riders, buses are their only means of travel. More than 50 percent of the riders in 17 routes stated that they had no other means of travel.
- A large proportion of the bus trips are made to go to work. The proportion of riders going to work by buses varied between 22 percent and 100 percent for the routes. For 15 of the routes, more than 40 percent stated that their trip destination was work.
- Most bus routes surveyed did not have direct access to a train station, but for those that connect to a train station, the share of riders accessing stations by bus was substantial.
- Buses on other routes are often used by the riders of the surveyed routes as access or egress mode, indicating that many riders depend on the network of NJ TRANSIT buses instead of depending on the single route where they were surveyed.
- Rider satisfaction scores indicated that far more riders are satisfied than dissatisfied with the bus service. On a 11-point scale between 0 and 10, the mean satisfaction score varied between 6.99 and 8.86 for the 25 routes.
- Although app-based services provided by transportation network companies did not even exist in New Jersey until November 2013, a large proportion of riders stated that they would take such services in the absence of buses. For 15 routes, the share of riders potentially taking app-based service is greater than potentially driving on their own, indicating the possibility of substituting bus trips by app-based services.


## Recommendations

On the basis of the experience with the survey and data analysis, the following recommendations are made:

- Promote local buses since they can potentially help to reduce GHG emissions and facilitate travel for a large number of riders who have no other option to travel.
- Consider conducting surveys between 6 AM and 8 or 9 PM in the future instead of only between 6 AM and 4 PM to collect data from more diverse riders.
- Conduct surveys on weekends to collect data from more diverse riders and examine weekend travel patterns.
- Examine through statistical methods whether surveys on selected bus trips instead of all bus trips would generate unbiased results to reduce the cost of surveys.
- Promote future research to understand how app-based services provided by transportation network companies can be integrated with transit services.
- Promote future research to investigate the potential and actual adverse effects of app-based services on bus transit.


## INTRODUCTION

As noted in the final report for Analysis of Local Bus Markets by the Alan M. Vorhees Transportation Center (1), examining the impact of public transit on air quality is very important in New Jersey because of a high level of pollution caused by cars driven by people on congested roads. As noted in that report, more than $80 \%$ of the trips in New Jersey are made by cars. As a result, the share of GHG emitted by transportation in New Jersey is significantly higher than the national average ( $37 \%$ versus $28 \%$ ).

Due to the significant contribution of the transportation sector to overall GHG emissions, public transportation is often perceived as a potential solution. Although New Jersey roads are highly congested, transit usage in the state is also one of the highest in the nation. In addition to several commuter lines and three light rail lines, NJ TRANSIT operates over 250 bus routes throughout the state, some connecting places in neighboring states of New York and Pennsylvania. According to NJ TRANSIT's Quarterly Ridership Trend Report for the 3rd quarter of FY-2018, 484,250 trips are made by the agency's buses on average weekdays, accounting for approximately $57 \%$ of total weekday trips by all transit modes operated by the agency (2).

The first objective of this research was to conduct an onboard survey of riders traveling by buses on selected routes and use the data to examine the air quality impacts of local buses. The second objective of this research was to use the survey data to analyze the characteristics of the riders and their travel patterns. The 25 bus routes for which onboard rider surveys were conducted through this study are listed in Table 1. These routes are categorized into four County Groups: Hudson County, Middlesex/Monmouth County, Burlington County, and Morris County. Although these routes are categorized into county grouping, some routes also serve neighboring counties.

It has been more than ten years since onboard rider surveys were last conducted for the 25 bus routes listed in Table 1. As a result, no recent data are available regarding the riders or their travel patterns involving these routes.

The rider surveys onboard 25 routes were conducted in two rounds, the first in the fall of 2017 and the second in the spring of 2018 . The fall 2017 survey continued for seven weeks and the spring 2018 survey continued for nine weeks. Eight routes were surveyed in the fall of 2017 and 18 routes were surveyed in the spring of 2018. Fewer routes were surveyed in the first round because of higher rider volume and number of bus trips. Following NJ TRANSIT convention, surveys were conducted only on Tuesdays, Wednesdays, and Thursdays, excluding holidays. The survey period on each day was from 6 AM to 4 PM. Riders on all buses leaving the origin stop between those two time periods were asked to complete the survey.

This report contains only summary of findings for the entire study. Results of route-byroute analysis of rider characteristics and travel patterns have been provided to the study sponsor in the form of two technical memoranda. Survey data generated by this research has been provided to the study sponsor in electronic format.

Table 1 - The Surveyed Bus Routes

| Route \# | Market | Location/Service Area | Average Weekday Ridership (Trips)* |
| :---: | :---: | :---: | :---: |
| Hudson County Group |  |  |  |
| 2 | Contract | Essex/Hudson | 3,039 |
| 10 | Contract | Hudson | 3,846 |
| 88 | Contract | Hudson | 2,734 |
| 119 | NY Interstate | Hudson/New York | 3,953 |
| Burlington County Group |  |  |  |
| 406 | South Jersey | Camden/Burlington/Philadelphia | 1,458 |
| 414 | South Jersey | Burlington/Camden/Philadelphia | 55 |
| 612 | South Jersey | Mercer | 51 |
| Middlesex/Monmouth County Group |  |  |  |
| 48 | North Jersey Local | Union/Middlesex | 2,034 |
| 805 | Contract | Metropark Loop Shuttle | 311 |
| 830 | Contract | Veolia Transportation/Monmouth | 307 |
| 831 | Contract | Veolia Transportation/Monmouth | 359 |
| 832 | Contract | Veolia Transportation/Monmouth | 745 |
| 834 | Contract | Veolia Transportation/Monmouth | 330 |
| 837 | Contract | Veolia Transportation/Monmouth | 439 |
| 838 | Contract | Veolia Transportation/Monmouth | 324 |
| Morris County Group |  |  |  |
| 871 | North Jersey Local | Morris | 112 |
| 872 | North Jersey Local | Morris | 42 |
| 873 | North Jersey Local | Morris | 171 |
| 874 | North Jersey Local | Morris | 117 |
| 875 | North Jersey Local | Morris | 126 |
| 878 | Contract | Morris | 22 |
| 880 | North Jersey Local | Morris | 395 |
| 890 | Contract | Delaware River/Warren | 17 |
| 891 | Contract | Delaware River/Warren | 27 |
| 986 | Contract | Summit/Murray Hill/Plainfield | 150 |

* Estimates based on ridership volumes provided by NJ TRANSIT and onboard count of riders by the research team.

Note: There were 27 routes in the scope of work, but Rt. 833 and Rt. 835 were merged into one route, Rt. 838, whereas Rt. 878 and Rt. 879 were merged into another route, Rt. 878. Thus, this survey was conducted onboard 25 routes instead of 27 routes.

## CONDUCT RIDER SURVEY AND ANALYZE DATA

## Introduction

The rider survey on the 25 routes was completed in two rounds: Fall of 2017 and spring of 2018. The fall 2017 survey was conducted for seven weeks (from 10-03-17 to 11-1617) and the spring 2018 survey was conducted for nine weeks (from 3-20-18 to 5-1518). The routes in the Burlington County group and Hudson County group were surveyed in fall 2017, whereas the routes in the Middlesex/Monmouth County group and Morris County group were surveyed in spring 2018.

## Survey Preparation

The survey questionnaire was the same as that used by the research team for Analysis of Local Bus Markets study, completed in July 2017. The survey questionnaire was once again approved by the Institutional Review Board (IRB) of Rutgers University.

Approximately three weeks were needed to prepare for each round of survey. The surveyor positions were advertised using various online outlets at Rutgers University's New Brunswick campus. For each round, between 25 and 30 students were hired as surveyors through a two-step interview process. Three additional students were hired to schedule and monitor the survey on a daily basis.

Mandatory training sessions were organized for the surveyors before each round of survey. The training included topics such as preparation, responsibility, role, safety, and courtesy. Staff from VTC and NJ TRANSIT provided instruction at each session. All surveyors were required to take additional training on human subject research administered online by the Rutgers University Institutional Review Board (IRB) and obtain the Collaborative Institutional Training Initiative (CITI) certificate. NJ TRANSIT notified the bus garage personnel and NJ TRANSIT police about the survey and provided an authorization letter which included the names of all surveyors that was carried by the surveyors when conducting the onboard survey. Each surveyor was also provided an apron bearing the Rutgers University logo to be worn when conducting the survey.

NJ TRANSIT determined the number of surveys to be printed (both Spanish and English). Each survey instrument (and the envelope) had a unique serial number. Before the commencement of each round of survey, NJ TRANSIT provided the driver paddles for the pertinent routes to the research team. The bus driver paddles are the schedules for each bus driver showing the daily trips, including arrival and departure times. The paddles are used by drivers to maintain their schedule. The research team used the paddles to prepare assignment sheets for each bus trip surveyed. A sample of an assignment sheet is shown in Figure 1. As shown in the figure, the assignment sheets had all bus stops for the route listed, in addition to the trip start time and end time and beginning stop and ending stop. They also had spaces for the surveyors to write down the number of boarding and alighting riders at each stop.

| ROUTE Number: 871 |  |  |
| :--- | :--- | :--- |
| BUS Number (Painted No.): | TRIP Number: 1 | Ptn. 11 |
| RUN Number: 001 | From: SPEEDWELL AVE AT | To: WILLOWBROOK MALL |
| Direction: OUTBOUND | CATTANO AVE 10:30 AM | $\mathbf{1 1 : 3 8}$ AM |
| Date: |  |  |
| Agent Names: |  |  |


| ENGLISH Questionnaires |  | SPANISH Questionnaires |
| :--- | :--- | :--- |
| First Serial ID: |  | First Serial ID: |
| Last Serial ID: |  | Last Serial ID: |


|  | Bus Stop | Passengers |  | \# of <br> Refusals | Top Survey <br> Serial ID |
| :--- | :--- | :--- | :---: | :---: | :---: |
|  |  | ON | OFF |  |  |
| 1 | SPEEDWELL AVE AT CATTANO AVE |  |  |  |  |
| 2 | SPRING ST AT WATER ST |  |  |  |  |
| 3 | MORRIS ST AT ELM ST |  |  |  |  |
| 4 | RIDGEDALE AVE 525' N OF ABBETT AVE |  |  |  |  |
| 5 | RIDGEDALE AVE AT JOHN ST |  |  |  |  |
| 6 | RIDGEDALE AVE AT EVERGREEN PL |  |  |  |  |
| 7 | RIDGEDALE AVE AT EAST HANOVER AVE |  |  |  |  |
| 8 | RIDGEDALE AVE 1000'N OF EAST HANOVER AVE |  |  |  |  |
| 9 | RIDGEDALE AVE AT EAST FREDERICK PL |  |  |  |  |
| 10 | RIDGEDALE AVE AT HORSE HILL RD |  |  |  |  |
| 11 | RIDGEDALE AVE AT CEDAR KNOLLS RD |  |  |  |  |
| 12 | RIDGEDALE AVE AT ELM PL |  |  |  |  |
| 13 | RIDGEDALE AVE AT GLENN DR |  |  |  |  |
| 14 | RIDGEDALE AVE AT MALAPARDIS RD |  |  |  |  |
| 15 | RIDGEDALE AVE AT WING DR |  |  |  |  |
| 16 | RIDGEDALE AVE AT RT-10 |  |  |  |  |
| 17 | N JEFFERSON RD 157'S OF PAPER MILL DRIVE |  |  |  |  |
| 18 | N JEFFERSON RD 170'S OF FANOK RD |  |  |  |  |
| 19 | PARSIPPANY RD AT EASTMANS RD |  |  |  |  |
| 20 | PARSIPPANY RD AT CARLSTADT RD |  |  |  |  |
|  | TOTAL |  |  |  |  |


| Number of Surveys Returned: | CONTACT INFO: |
| :--- | :--- |
| Number of Spanish Surveys Distributed: | PI Phone \# \| Field op. Phone \# |

## Comments

Figure 1. Sample assignment sheet

The schedulers at the survey center prepared a contact list of all surveyors, indicating which surveyors had personal automobiles to drive themselves and other surveyors to the survey site. They also prepared a document indicating each surveyor's availability on Tuesdays, Wednesdays, and Thursdays. Using this document and the driver list, VTC staff prepared the survey schedule for each week. The schedule was emailed to all surveyors a week prior to the actual survey for confirmation. Once confirmation was received, survey bags, containing survey instruments, pencils, assignment sheets, etc., were prepared for each day. Drivers for each shift were instructed to collect the bags the evening before the survey date.

At the survey center, VTC staff and students prepared a "Masterfile" containing information on each scheduled trip, including the names of the surveyors and the drivers carrying surveyors to the site as well as start and end time of shifts. The Masterfile was used to monitor the progress of the survey each day. When trips were missed for any reason (e.g., late arrival of bus, buses posting a run number different from assignment sheet, surveyor failing to find bus stop, etc.), the information was recorded in the Masterfile so that surveys for the missed trips could be rescheduled on a future date.

## Conducting the Onboard Survey

Designated drivers carried one to three other surveyors to the site, depending on the schedule for that day. The surveyors arrived at the beginning bus stop 15-20 minutes before the departure time of the bus. They introduced themselves to the bus operators and presented their Rutgers ID card and the NJ TRANSIT authorization letter. When bus runs included a large number of trips (e.g., eight or ten trips), the surveyors continued to stay on the same bus conducting surveys for a maximum of eight hours per shift. When runs contained only two or three trips, the surveyors often transferred to another run on the same route or to another route operating in the same area.

Two surveyors boarded each bus to conduct surveys and record the number of riders. One surveyor distributed and collected completed surveys, whereas the other surveyor filled out the assignment sheets, including the number of boarding and alighting riders at each stop. At the conclusion of each trip, the surveyors bundled the completed surveys together with the assignment sheet for the trip and prepared for the next trip. At the conclusion of the entire shift, they organized the completed and unused surveys into separate bundles and brought them back to the survey center, where completed surveys from each trip were filed separately in locked filing cabinets. Approximately $90 \%$ of the completed surveys were collected onboard by the surveyors onboard while the remaining surveys were mailed back by the respondents in postage-paid envelopes given to them.

## Data Entry, Cleaning, Geocoding, and Weighting

For each survey round, three students were hired for entering data from the paper surveys into a computer. Prior to the task, English and Spanish data-entry templates
were set up in Qualtrics and the data-entry personnel were familiarized with each bus route surveyed. The electronic data were checked for anomalies such as duplicate entry and implausible serial number. Whenever possible, the erroneous data were corrected.

The trip origins and destinations of the riders were subsequently geocoded using ArcGIS. When the respondents provided detailed addresses, it was possible to geocode the origins and destinations to exact location. When respondents provided only partial addresses such as only the street name or the zip code, their origins and destinations were geocoded to an approximate location.

In the final step of the process, a weight variable was created following a methodology provided by NJ TRANSIT. The methodology uses average weekday ridership data for each route together with directional number of respondents for peak and off-peak periods. Application of the weight variable expands the survey responses to represent the full universe of weekday riders on each route.

## Data Analysis

The analysis of survey data is divided into three broad sections: (a) rider characteristics, (b) trip characteristics, and (b) environmental impacts of buses. Results of the analysis are presented in the three following sections in that order. The rider characteristics pertain to demographic and socioeconomic variables. The trip characteristics include trip origins and destinations, access and egress modes, trip frequency, return trip mode, ticket type, the availability of alternative modes, et cetera. The environmental impact section presents results showing how much GHG would be generated if bus riders were to drive instead of taking buses.

The results of the analysis are presented in this report in summary form. Detailed tables containing route-by-route analysis have been provided to the study sponsor in the form of a technical memorandum.

NJ TRANSIT conventionally estimates response rates for onboard rider surveys by assuming that most riders travel in both directions during a day but take the survey only once. With that assumption, the response rate for all surveys combined is $39 \%$. For the survey conducted in fall 2017 , the response rate was $41 \%$, whereas the response rate for the survey conducted in spring 2018 was $38 \%$.

The margins of error (MOE) at 95\% confidence level for the surveyed routes are shown in Table 2. Because of extremely small rider volumes, some routes were combined by following guidance from NJ TRANSIT. Despite that, however, MOE remains high for some combined routes. One of the reasons for the high MOE for some routes, especially those in Morris County and two in Burlington County is that the rider volumes are very low. Since number of total riders is used as a denominator when estimating MOE, a small number of riders for a route lowers the estimate even when the response rate is reasonable.

Table 2 - Margin of error for surveyed routes at the $95 \%$ confidence level

| Route by County Group | Margin of Error | Average <br> Weekday Riders |
| :--- | :---: | :---: |
| Hudson County |  |  |
| 2 | $2.5 \%$ | 3,039 |
| 10 | $2.3 \%$ | 3,846 |
| 88 | $2.8 \%$ | 2,734 |
| 119 | $2.1 \%$ | 3,953 |
| Burlington County |  |  |
| 406 | $3.6 \%$ | 1,458 |
| 414 | $12.4 \%$ | 55 |
| 612 | $13.8 \%$ | 51 |
| Middlesex/Monmouth County |  |  |
| 48 | $2.8 \%$ | 2,034 |
| 805 | $7.1 \%$ | 311 |
| 830 | $6.7 \%$ | 307 |
| 831 | $7.3 \%$ | 359 |
| 832 | $5.3 \%$ | 745 |
| 834 | $7.0 \%$ | 330 |
| 837 | $6.6 \%$ | 439 |
| 838 | $8.1 \%$ | 324 |
| Morris County |  |  |
| 880 | $7.4 \%$ | 395 |
| 986 | $11.8 \%$ | 150 |
| $871 \_874$ | $9.6 \%$ | 229 |
| $872 \_875$ | $11.3 \%$ | 168 |
| $873-878$ | $10.4 \%$ | 193 |
| 890 891 | $20.9 \%$ | 44 |

## RIDER CHARACTERISTICS

## Introduction

This broad section presents a description of the demographic and socioeconomic characteristics of the surveyed riders. The demographic characteristics include gender and age. The socioeconomic characteristics include race, ethnicity, occupation, income, household size, number or vehicles in household, et cetera. All figures shown here represent average weekday riders.

## Gender

The male-female split of riders for the surveyed routes is presented in Table 3, where the total number of riders $(\mathrm{N})$ represents weighted survey respondents who responded to the question. By applying the male and female percentages to the number of riders, one can estimate the number of male and female riders for each route.

Table 3 - Male-female split of riders for the surveyed routes

|  | Percent |  |  | Riders <br> Rt. \# |
| :--- | ---: | :---: | :---: | :---: |
|  | Male | Female | Total |  |
| $(\mathrm{N})$ |  |  |  |  |

According to the 2016 American Community Survey, the shares of male and female population of New Jersey are 48.8 percent male and 51.2 percent female, respectively. A comparison of the shares of males and females in Table 3 with these shares indicate how the bus riders differ from the state's population. When compared to the state population, the share of female riders is higher than the state's population for all but five routes. On the whole, the share of female riders is higher than the share of male riders for the surveyed buses. These results are consistent with the results of Analysis of Local Bus Markets (1), which also found a higher share of female riders for most bus routes.

## Age

The age distribution of the riders for each surveyed route is shown in Table 4. The column N represents the weighted riders who responded. For reference, 22.7 percent of New Jersey's population is under age 18 and 18.6 percent is age 65 or over.

Table 4 - Age distribution of riders for the surveyed routes

| Rt. \# | Percent |  |  |  |  |  |  |  |  | N |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Under 18 | 18-24 | 25-34 | 35-44 | 45-54 | 55-61 | 62-64 | 65+ | Total |  |
| Hudson County |  |  |  |  |  |  |  |  |  |  |
| 2 | 1.5 | 22.8 | 23.9 | 19.5 | 15.8 | 9.9 | 3.4 | 3.2 | 100.0 | 2,752 |
| 10 | 8.2 | 34.0 | 16.5 | 12.7 | 13.4 | 6.0 | 2.7 | 6.6 | 100.0 | 3,546 |
| 88 | 5.6 | 23.9 | 19.9 | 14.9 | 16.3 | 7.9 | 3.7 | 7.7 | 100.0 | 2,546 |
| 119 | 4.2 | 15.7 | 26.3 | 19.1 | 16.0 | 9.0 | 2.7 | 6.9 | 100.0 | 3,714 |
| Burlington County |  |  |  |  |  |  |  |  |  |  |
| 406 | 1.3 | 11.9 | 26.7 | 20.7 | 15.4 | 15.2 | 3.2 | 5.7 | 100.0 | 1,374 |
| 414 | 0.0 | 9.1 | 9.1 | 22.7 | 18.2 | 22.7 | 9.1 | 9.1 | 100.0 | 55 |
| 612 | 0.0 | 8.7 | 34.8 | 43.5 | 4.4 | 4.4 | 0.0 | 4.4 | 100.0 | 51 |
| Middlesex/Monmouth County |  |  |  |  |  |  |  |  |  |  |
| 48 | 2.5 | 15.1 | 18.7 | 14.8 | 19.6 | 13.5 | 6.6 | 9.3 | 100.0 | 1,993 |
| 805 | 0.0 | 7.5 | 45.1 | 32.5 | 8.5 | 5.8 | 0.0 | 0.7 | 100.0 | 295 |
| 830 | 5.7 | 3.3 | 17.9 | 17.1 | 30.1 | 13.0 | 8.1 | 4.9 | 100.0 | 282 |
| 831 | 0.0 | 7.8 | 20.7 | 19.6 | 26.1 | 8.6 | 4.9 | 12.3 | 100.0 | 354 |
| 832 | 7.6 | 31.0 | 15.6 | 10.9 | 8.3 | 11.5 | 6.7 | 8.5 | 100.0 | 730 |
| 834 | 0.0 | 8.1 | 20.4 | 27.5 | 18.6 | 22.4 | 0.0 | 3.0 | 100.0 | 330 |
| 837 | 1.3 | 12.7 | 13.1 | 24.7 | 10.7 | 18.6 | 11.9 | 7.0 | 100.0 | 439 |
| 838 | 3.7 | 34.6 | 25.4 | 18.8 | 6.0 | 5.3 | 4.6 | 1.6 | 100.0 | 311 |
| Morris County |  |  |  |  |  |  |  |  |  |  |
| 880 | 1.5 | 8.5 | 19.2 | 16.4 | 17.5 | 13.6 | 7.7 | 15.5 | 100.0 | 362 |
| 986 | 0.0 | 4.5 | 8.1 | 24.4 | 32.0 | 23.0 | 5.1 | 2.9 | 100.0 | 141 |
| 871_874 | 0.0 | 12.3 | 31.7 | 15.2 | 28.5 | 6.3 | 3.8 | 2.3 | 100.0 | 224 |
| 872_875 | 6.6 | 24.5 | 25.0 | 3.8 | 19.0 | 13.0 | 1.5 | 6.6 | 100.0 | 163 |
| 873_878 | 0.0 | 13.7 | 25.6 | 8.7 | 9.1 | 22.5 | 13.1 | 7.4 | 100.0 | 173 |
| 890_891 | 0.0 | 10.7 | 4.9 | 12.8 | 29.8 | 19.8 | 0.0 | 22.0 | 100.0 | 44 |

For all bus routes surveyed, the proportion of riders under age 18 is smaller than the state population, but that is not surprising because young children cannot travel alone, and if they travel with adults, the adults would complete the survey. The surveyors reported that the riders under age 18 are mostly school children going to or coming back from school.

The share of riders age 65 and over is low for most routes because older adults generally are less likely to take fixed-route transit than younger adults. Also, many older adults have retired from work so they are not riding buses to commute. From the distributions in Table 3, it is difficult to generalize if the share of riders under age 18 or age 65 and over is significantly different for routes in any specific county. That is because within each county, the shares vary substantially among the routes.

## Race

The share of riders belonging to different races is shown in Table 5. For reference, one may note that the share of white, African American, and Asian persons in the state of New Jersey, according to the 2016 American Community survey, are 68.1 percent, 13.5 percent, and 9.2 percent, respectively.

Only for the combined routes 890 _891, the share of white riders is greater than the share of white population in the state, 68.1 percent. The share of white riders on the 830 and 834 routes is only slightly smaller than the state average, but for all other routes, the share of white riders is significantly smaller. The share of white riders is especially small for the Hudson County routes, which have much higher ridership volumes than routes in the other three areas. Because of the larger share of non-white riders in routes with higher rider volumes, the routes serve a much larger share of non-white riders overall.

The share of African American riders is greater than the state average of 13.5 percent in most routes. Only Rt. 88 in Hudson County, Rt. 612 in Burlington County, Rt. 805 and Rt. 830 in Middlesex/Monmouth County, and the combined routes 890_891 in Morris County have share of African American riders that is lower than state average. The share of African American riders is the highest for Rt. 406 in Burlington County, but routes with very large share of African American riders are present in all four areas.

The share of Asian riders is greater than the share of Asian population of New Jersey for more than half of the routes. Among the four areas, the Hudson County routes have the greatest share of Asian riders and the Middlesex/Monmouth County routes have the smallest share. Because the Hudson County routes are used by significantly more riders than the routes in the other three areas, the overall share of Asian riders is far greater for the surveyed routes as a whole than the share of Asian population in New Jersey.

Table 5 - Racial composition of riders for the surveyed routes

| Rt.\# | Percent |  |  |  |  |  |  | N |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | White | Black or African American | Asian | American Indian or Alaska Native | Multiracial | Other | Total |  |
| Hudson County |  |  |  |  |  |  |  |  |
| 2 | 20.7 | 38.6 | 20.6 | 2.7 | 8.0 | 9.4 | 100.0 | 2,528 |
| 10 | 28.9 | 30.9 | 16.7 | 1.4 | 10.7 | 11.5 | 100.0 | 3,183 |
| 88 | 33.9 | 13.0 | 21.8 | 1.8 | 11.4 | 18.1 | 100.0 | 2,093 |
| 119 | 32.2 | 17.4 | 28.2 | 0.8 | 7.6 | 13.8 | 100.0 | 3,265 |
| Burlington County |  |  |  |  |  |  |  |  |
| 406 | 18.8 | 61.6 | 4.5 | 2.2 | 7.0 | 5.9 | 100.0 | 1,218 |
| 414 | 59.1 | 18.2 | 13.6 | 0.0 | 0.0 | 9.1 | 100.0 | 55 |
| 612 | 20.0 | 5.0 | 70.0 | 0.0 | 5.0 | 0.0 | 100.0 | 44 |
| Middlesex/Monmouth County |  |  |  |  |  |  |  |  |
| 48 | 24.4 | 46.6 | 15.3 | 1.0 | 7.5 | 5.2 | 100.0 | 1,785 |
| 805 | 17.8 | 2.4 | 72.6 | 2.4 | 2.4 | 2.4 | 100.0 | 292 |
| 830 | 66.6 | 11.5 | 0.0 | 0.0 | 0.0 | 21.9 | 100.0 | 241 |
| 831 | 40.9 | 37.8 | 0.0 | 0.0 | 8.9 | 12.5 | 100.0 | 254 |
| 832 | 35.7 | 46.4 | 4.6 | 0.7 | 7.5 | 5.1 | 100.0 | 618 |
| 834 | 65.7 | 21.3 | 3.9 | 0.0 | 3.9 | 5.2 | 100.0 | 292 |
| 837 | 28.7 | 56.9 | 0.0 | 3.1 | 6.1 | 5.2 | 100.0 | 395 |
| 838 | 42.3 | 21.7 | 9.8 | 6.4 | 7.8 | 12.1 | 100.0 | 232 |
| Morris County |  |  |  |  |  |  |  |  |
| 880 | 61.0 | 14.0 | 2.1 | 3.2 | 3.2 | 16.5 | 100.0 | 260 |
| 986 | 33.4 | 36.1 | 13.7 | 0.0 | 2.7 | 14.0 | 100.0 | 113 |
| 871_874 | 36.7 | 16.0 | 18.4 | 0.0 | 13.3 | 15.7 | 100.0 | 185 |
| 872_875 | 53.4 | 23.0 | 1.7 | 2.1 | 3.7 | 16.2 | 100.0 | 149 |
| 873_878 | 27.1 | 35.1 | 11.0 | 0.0 | 22.6 | 4.1 | 100.0 | 155 |
| 890_891 | 87.9 | 12.1 | 0.0 | 0.0 | 0.0 | 0.0 | 100.0 | 41 |

## Ethnicity

Responses to a survey question inquiring about the ethnicity of the riders are summarized in Table 6. It shows the percent of riders for each route that were Hispanic, Latino, or Spanish. For reference, one may note that the proportion of Hispanic or Latino persons in the entire New Jersey state in 2016 was 19.3 percent. Only Rt. 414 and Rt. 612 in Burlington County, Rt. 805 in Middlesex/Monmouth County, and the combined routes 890_891 in Morris County have a share of Hispanic or Latino riders that is smaller than the share of Hispanic or Latino population in the state. Compared to other routes these routes have a far smaller number of total riders. As a result, the share of Hispanic or Latino riders for all routes combined is substantially larger than the state's share of Hispanic or Latino population.

Table 6 - Ethnicity of riders for the surveyed routes

| Rt. \# | Percent |  |  | N |
| :---: | :---: | :---: | :---: | :---: |
|  | Hispanic, Latino, or Spanish | Not Hispanic, Latino, or Spanish | Total |  |
| Hudson County |  |  |  |  |
| 2 | 34.6 | 65.4 | 100.0 | 2,290 |
| 10 | 34.6 | 65.5 | 100.0 | 3,229 |
| 88 | 59.1 | 41.0 | 100.0 | 2,351 |
| 119 | 31.3 | 68.8 | 100.0 | 3,370 |
| Burlington County |  |  |  |  |
| 406 | 22.1 | 78.0 | 100.0 | 1,118 |
| 414 | 9.5 | 90.5 | 100.0 | 52 |
| 612 | 0.0 | 100.0 | 100.0 | 47 |
| Middlesex/Monmouth County |  |  |  |  |
| 48 | 29.6 | 70.4 | 100.0 | 1,727 |
| 805 | 7.9 | 92.1 | 100.0 | 279 |
| 830 | 48.7 | 51.4 | 100.0 | 259 |
| 831 | 44.6 | 55.4 | 100.0 | 307 |
| 832 | 33.6 | 66.4 | 100.0 | 665 |
| 834 | 20.9 | 79.1 | 100.0 | 301 |
| 837 | 34.1 | 65.9 | 100.0 | 394 |
| 838 | 39.9 | 60.1 | 100.0 | 269 |
| Morris County |  |  |  |  |
| 880 | 62.3 | 37.7 | 100.0 | 334 |
| 986 | 35.2 | 64.8 | 100.0 | 128 |
| 871_874 | 48.6 | 51.4 | 100.0 | 199 |
| 872_875 | 42.4 | 57.7 | 100.0 | 152 |
| 873_878 | 24.2 | 75.8 | 100.0 | 151 |
| 890_891 | 6.4 | 93.6 | 100.0 | 44 |

To a certain extent, the share of Hispanic riders reflects the share of Hispanic population in the counties where the bus routes operate. For example, at 43 percent, the share of Hispanic population lives in Hudson County which is the highest among all New Jersey counties. Accordingly, the Hudson County routes have a large share of Hispanic riders. Similarly, the share of Hispanic population in Cumberland County is only 7.5 percent and two routes operating in the county have a very low share of Hispanic riders. However, Hispanic riders in Middlesex, Monmouth, and Morris Counties constitute a much larger share than one would expect from the share of Hispanic population in those counties because the shares of Hispanic population in those counties, respectively, are 20.0 percent, 10.4 percent, and 12.7 percent.

## Household Income

The distribution of annual household income of riders on the surveyed routes is shown in Table 7. When comparing the income of riders with the state's population, one may note that only 11.0 percent of the state's population has a household income below $\$ 15,000$ and 15.5 percent has an income below $\$ 25,000$. At the other end of the
spectrum, six percent of the state's population has household income greater than \$200,000 and 27.6 percent has an income exceeding \$100,000.

For only two routes (Rt. 414 and Rt. 612) the share of riders with income less than $\$ 15,000$ (and also $\$ 25,000$ ) is lower that the share of New Jersey population with that level of income. These routes are Rt. 414 and Rt. 612, both from Burlington County. For both of these routes, the ridership volumes are extremely small. For the other routes, the share of riders with such low levels of income was greater than the share of persons with similar income in the state, indicating that most bus routes serve a large share of low-income riders. By comparing the income of riders with New Jersey population's income at the high end of the income spectrum, one would come to the same conclusion. Only for three routes, Rt. 612 in Burlington County, Rt. 838 in Middlesex/ Monmouth County, and Rt. 986 in Morris County, the share of riders earning more than $\$ 200 \mathrm{~K}$ is larger than the share of New Jersey population with similar income.

Table 7 - Annual household income of riders for the surveyed routes

| Rt. \# | Under \$15K | $\begin{aligned} & \hline \$ 15 \mathrm{~K}- \\ & \$ 24 \mathrm{~K} \end{aligned}$ | $\begin{aligned} & \hline \$ 25 K- \\ & \$ 49 K \end{aligned}$ | $\begin{aligned} & \hline \$ 50 \mathrm{~K}- \\ & \$ 74 \mathrm{~K} \end{aligned}$ | $\begin{aligned} & \hline \$ 75 \mathrm{~K}- \\ & \$ 99 \mathrm{~K} \end{aligned}$ | $\begin{aligned} & \hline \$ 100 \mathrm{~K}- \\ & \$ 199 \mathrm{~K} \end{aligned}$ | \$200K+ | Total | N |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Hudson County |  |  |  |  |  |  |  |  |  |
| 2 | 27.5 | 17.1 | 29.9 | 10.8 | 5.9 | 7.4 | 1.5 | 100.0 | 2,529 |
| 10 | 28.1 | 17.7 | 27.0 | 12.4 | 5.2 | 8.7 | 1.0 | 100.0 | 3,021 |
| 88 | 36.2 | 18.0 | 28.6 | 8.9 | 4.1 | 3.0 | 1.2 | 100.0 | 2,179 |
| 119 | 20.8 | 10.5 | 23.4 | 15.6 | 13.1 | 14.6 | 2.0 | 100.0 | 3,165 |
| Burlington County |  |  |  |  |  |  |  |  |  |
| 406 | 32.5 | 24.0 | 27.9 | 8.0 | 2.4 | 4.0 | 1.1 | 100.0 | 1,185 |
| 414 | 5.0 | 5.0 | 20.0 | 45.0 | 10.0 | 15.0 | 0.0 | 100.0 | 50 |
| 612 | 5.6 | 0.0 | 11.1 | 27.8 | 27.8 | 11.1 | 16.7 | 100.0 | 40 |
| Middlesex/Monmouth County |  |  |  |  |  |  |  |  |  |
| 48 | 30.9 | 21.9 | 25.9 | 8.9 | 5.1 | 6.2 | 1.1 | 100.0 | 1,849 |
| 805 | 0.0 | 0.0 | 9.5 | 22.4 | 22.4 | 43.0 | 2.7 | 100.0 | 263 |
| 830 | 27.7 | 16.8 | 38.7 | 9.9 | 6.9 | 0.0 | 0.0 | 100.0 | 232 |
| 831 | 39.0 | 13.0 | 34.1 | 10.0 | 0.0 | 3.9 | 0.0 | 100.0 | 308 |
| 832 | 38.3 | 20.1 | 26.9 | 9.4 | 3.4 | 0.7 | 1.3 | 100.0 | 661 |
| 834 | 16.1 | 28.0 | 28.4 | 24.1 | 3.5 | 0.0 | 0.0 | 100.0 | 288 |
| 837 | 41.7 | 17.6 | 27.4 | 8.7 | 4.6 | 0.0 | 0.0 | 100.0 | 388 |
| 838 | 34.9 | 18.2 | 19.4 | 7.5 | 6.1 | 5.5 | 8.5 | 100.0 | 250 |
| Morris County |  |  |  |  |  |  |  |  |  |
| 880 | 35.2 | 28.8 | 26.8 | 5.3 | 1.7 | 2.2 | 0.0 | 100.0 | 321 |
| 986 | 15.6 | 14.9 | 45.7 | 6.4 | 3.7 | 6.4 | 7.4 | 100.0 | 113 |
| 871_874 | 30.1 | 26.1 | 18.9 | 16.7 | 7.4 | 0.9 | 0.0 | 100.0 | 195 |
| 872_875 | 47.6 | 12.7 | 14.0 | 9.7 | 6.4 | 5.4 | 4.3 | 100.0 | 114 |
| 873_878 | 27.2 | 27.8 | 8.2 | 16.0 | 4.0 | 16.7 | 0.0 | 100.0 | 153 |
| 890_891 | 30.4 | 16.7 | 33.6 | 12.1 | 7.2 | 0.0 | 0.0 | 100.0 | 39 |

According to the 2016 American Community Survey, the median household income for New Jersey as a whole is $\$ 73,702$. In contrast, the share of riders with annual income less than $\$ 25,000$ is greater than 50 percent for 11 of the 25 routes, and for all but two routes, the share of such riders is greater than 30 percent.

## Vehicles in Household

The availability of household vehicles for riders of the surveyed bus routes is shown in Table 8. It shows the share of riders with no vehicle, one vehicle, two vehicles, and three or more vehicles in household. Among these groups, those with no vehicles in household are of greater significance since they are likely to be more reliant on public transit than persons from households with one or more vehicles. For reference, one may note that the proportion of households with no vehicles in household in the state of New Jersey in 2016 was 11.6 percent, whereas proportion of households with one vehicle was 34.4 percent, the proportion with two vehicles was 36.2 percent, and the proportion with three or more vehicles was 17.8 percent.

Table 8 - Distribution of riders by number of vehicles in household

| Rt. \# | Percent |  |  |  |  | Riders <br> (N) |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | $\begin{aligned} & \mathrm{No} \\ & \mathrm{car} \\ & \hline \end{aligned}$ | One car | $\begin{aligned} & \text { Two } \\ & \text { cars } \end{aligned}$ | Three or more cars | Total |  |
| Hudson County |  |  |  |  |  |  |
| 2 | 52.1 | 28.7 | 16.0 | 3.2 | 100.0 | 2,723 |
| 10 | 40.1 | 32.2 | 20.4 | 7.4 | 100.0 | 3,504 |
| 88 | 49.9 | 34.4 | 11.6 | 4.1 | 100.0 | 2,489 |
| 119 | 43.2 | 37.3 | 15.9 | 3.6 | 100.0 | 3,650 |
| Burlington County |  |  |  |  |  |  |
| 406 | 50.8 | 30.0 | 15.5 | 3.7 | 100.0 | 1,347 |
| 414 | 18.2 | 40.9 | 31.8 | 9.1 | 100.0 | 55 |
| 612 | 22.7 | 63.6 | 13.6 | 0.0 | 100.0 | 49 |
| Middlesex/Monmouth County |  |  |  |  |  |  |
| 48 | 37.1 | 38.3 | 16.7 | 7.9 | 100.0 | 1,947 |
| 805 | 7.4 | 77.4 | 10.1 | 5.1 | 100.0 | 297 |
| 830 | 53.7 | 35.8 | 10.6 | 0.0 | 100.0 | 282 |
| 831 | 63.2 | 29.4 | 5.2 | 2.2 | 100.0 | 349 |
| 832 | 49.4 | 28.5 | 15.2 | 6.9 | 100.0 | 714 |
| 834 | 51.5 | 41.5 | 7.0 | 0.0 | 100.0 | 330 |
| 837 | 52.7 | 35.6 | 8.8 | 2.9 | 100.0 | 432 |
| 838 | 36.7 | 24.0 | 34.4 | 4.9 | 100.0 | 287 |
| Morris County |  |  |  |  |  |  |
| 880 | 51.4 | 27.8 | 13.8 | 7.1 | 100.0 | 359 |
| 986 | 42.6 | 38.6 | 18.9 | 0.0 | 100.0 | 132 |
| 871_874 | 67.9 | 22.0 | 3.6 | 6.5 | 100.0 | 196 |
| 872_875 | 45.8 | 30.7 | 15.6 | 7.9 | 100.0 | 149 |
| 873_878 | 70.4 | 13.7 | 10.8 | 5.1 | 100.0 | 176 |
| 890_891 | 60.9 | 32.7 | 6.4 | 0.0 | 100.0 | 44 |

Table 8 shows that the share of riders with no vehicles in their household is higher than the state as a whole for all surveyed routes except Rt. 805 in Middlesex/Monmouth County. Two other routes with a relatively low share of riders with no vehicle in their household are Rt. 414 and Rt. 612, both from the Burlington County area. Table 7 showed that the riders of these three routes also have relatively higher income than other surveyed routes.

Although the population of Hudson County has a lower vehicle ownership rate than the other counties, the riders of the surveyed routes in Hudson County do not necessarily have lower vehicle ownership rate than the riders of the other counties. Some routes in Middlesex/Monmouth County and Morris County in fact have a greater share of riders without vehicles than the Hudson County routes. Somewhat surprisingly, the two routes with the greatest share of riders without vehicles in their household are from Morris County.

## Occupation

Selected occupation of riders from the survey data analysis is shown in Table 9. In addition to the occupations shown in the table, a few other occupations, including "not currently employed," "home maker," "non-office worker" and "other" were included in the survey questionnaire as response categories. Those categories have been combined into the "Other" category in Table 8 because of space limitation.

Table 9 - Occupation of riders

| Rt.\# | Percent |  |  |  |  |  |  |  | Riders <br> (N) |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Management/ Professional | $\begin{gathered} \hline \text { Technical/ } \\ \text { Skilled } \end{gathered}$ | Clerical/ Secretarial | Sales/ Retail | Retired | Student | Other | Total |  |
| Hudson County |  |  |  |  |  |  |  |  |  |
| 2 | 12.1 | 16.1 | 6.0 | 9.2 | 1.0 | 9.2 | 46.5 | 100.0 | 2,660 |
| 10 | 11.3 | 5.7 | 6.8 | 7.3 | 4.9 | 29.1 | 34.9 | 100.0 | 3,448 |
| 88 | 11.4 | 5.5 | 5.1 | 8.2 | 6.3 | 24.6 | 38.8 | 100.0 | 2,548 |
| 119 | 22.3 | 12.0 | 5.4 | 7.2 | 5.2 | 15.3 | 32.7 | 100.0 | 3,654 |
| Burlington County |  |  |  |  |  |  |  |  |  |
| 406 | 10.8 | 10.6 | 6.0 | 13.2 | 4.5 | 7.1 | 47.9 | 100.0 | 1,323 |
| 414 | 27.3 | 31.8 | 22.7 | 0.0 | 0.0 | 0.0 | 18.2 | 100.0 | 55 |
| 612 | 38.1 | 33.3 | 4.8 | 9.5 | 0.0 | 0.0 | 14.3 | 100.0 | 47 |
| Middlesex/Monmouth County |  |  |  |  |  |  |  |  |  |
| 48 | 7.8 | 10.5 | 6.3 | 13.2 | 9.3 | 11.5 | 41.5 | 100.0 | 1,914 |
| 805 | 32.8 | 43.7 | 0.0 | 2.4 | 0.0 | 0.0 | 21.2 | 100.0 | 293 |
| 830 | 0.0 | 10.8 | 5.8 | 14.2 | 0.0 | 5.8 | 63.4 | 100.0 | 275 |
| 831 | 5.7 | 6.3 | 2.9 | 24.3 | 4.6 | 0.0 | 56.1 | 100.0 | 329 |
| 832 | 4.6 | 8.8 | 1.2 | 24.7 | 9.6 | 24.5 | 26.7 | 100.0 | 762 |
| 834 | 11.9 | 13.1 | 3.1 | 20.5 | 4.5 | 4.5 | 42.3 | 100.0 | 335 |
| 837 | 6.0 | 11.7 | 9.9 | 17.1 | 6.9 | 1.3 | 47.2 | 100.0 | 438 |
| 838 | 6.9 | 6.6 | 3.6 | 9.5 | 4.5 | 26.9 | 42.1 | 100.0 | 306 |
| Morris County |  |  |  |  |  |  |  |  |  |
| 880 | 3.1 | 8.3 | 3.2 | 14.1 | 19.1 | 4.3 | 48.1 | 100.0 | 359 |
| 986 | 21.9 | 14.6 | 14.6 | 5.1 | 0.0 | 0.0 | 43.9 | 100.0 | 142 |
| 871_874 | 3.4 | 21.8 | 7.7 | 17.6 | 3.6 | 1.1 | 44.8 | 100.0 | 197 |
| 872_875 | 7.6 | 7.1 | 7.6 | 12.1 | 6.7 | 31.7 | 27.3 | 100.0 | 161 |
| 873_878 | 14.6 | 8.9 | 4.4 | 13.4 | 10.8 | 9.7 | 38.3 | 100.0 | 175 |
| 890_891 | 19.1 | 0.0 | 0.0 | 15.6 | 21.2 | 0.0 | 44.0 | 100.0 | 44 |

The share of Management/Professional and Technical/Skilled workers is the highest for Rt. 612 and Rt. 414 from Burlington County. As workers in these occupations usually
earn more than other occupations, these results are consistent with the relatively high income of the riders of the two routes. However, some routes in the other counties also show a high proportion of workers in these occupations, such as Rt. 119 in Burlington County and Rt. 986 in Morris County. The share of riders in sales/retail occupations appears to be higher in Middlesex/Monmouth and Morris County routes than the routes in the other two counties. The share of students is high for the Hudson County routes as a whole than the routes in the other three counties. The Hudson County routes surveyed as a part of Analysis of Local Bus Markets (2017) was also high. A reason for the high share of students for the Hudson County routes is that many high school students take transit buses in that general area. Although the Hudson County routes as a whole show a large share of students, selected routes in the other counties also show a large share of students including Rt. 832 and Rt. 838 in Middlesex/Monmouth County and Rt. 872_875 in Morris County.

## Household Size

The distribution of riders by household size (i.e., number of persons in household), is shown in Table 10. Of particular interest are the proportions of riders in single-person and $4+$ person households since existing literature generally shows that persons from single-person households typically use more transit and persons from large households typically use less transit. One reason is that single persons often live in apartments in urban areas where transit is readily available, whereas larger households often locate in suburban areas where transit is less readily available. Larger households often have children and the presence of children often induces households to acquire cars.

Data from the 2016 American Community Survey show that 25.7 percent of persons in New Jersey as a whole live in single-person households and 26.0 percent live in households with four or more persons. For all routes in Hudson County and Burlington County, the share of riders from single-person households is substantially lower than the state average. However, for a few routes in Middlesex/Monmouth County and Morris County, the share of riders from single-person households is larger than the share of persons from single-person households in New Jersey.

The share of riders with four or more persons in household is greater for most routes than the state average of 26 percent. Only three routes, namely, Rt. 831 in Middlesex/Monmouth County and Rt. 871_874 and Rt. 873_878 in Morris County have a smaller share of riders from households with four or more persons. On the whole, the theory that people from smaller households are more likely to take transit and people from larger households are less likely to take transit does not hold for the surveyed routes. A reason for many riders from large households taking buses may be that economic constraints prohibit them from acquiring and using cars. That seems to be the case particularly in Hudson County where the share of riders from single-person households is low and the share of riders from four or more persons in a household is high.

Table 10 - Distribution of riders by household size

| Rt. \# | Percent |  |  |  |  | Riders <br> (N) |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | One person | Two person | Three person | Four or more person | Total |  |
| Hudson County |  |  |  |  |  |  |
| 2 | 13.3 | 25.9 | 23.4 | 37.3 | 100.0 | 2,701 |
| 10 | 11.0 | 21.7 | 21.9 | 45.4 | 100.0 | 3,512 |
| 88 | 13.1 | 22.0 | 23.9 | 42.0 | 100.0 | 2,474 |
| 119 | 16.0 | 25.0 | 23.2 | 35.9 | 100.0 | 3,573 |
| Burlington County |  |  |  |  |  |  |
| 406 | 16.4 | 24.1 | 21.5 | 38.1 | 100.0 | 1,333 |
| 414 | 13.6 | 36.4 | 22.7 | 27.3 | 100.0 | 55 |
| 612 | 9.1 | 40.9 | 18.2 | 31.8 | 100.0 | 49 |
| Middlesex/Monmouth County |  |  |  |  |  |  |
| 48 | 12.1 | 21.2 | 26.1 | 40.6 | 100.0 | 1,952 |
| 805 | 10.4 | 27.3 | 36.0 | 26.3 | 100.0 | 289 |
| 830 | 19.9 | 19.0 | 21.5 | 39.7 | 100.0 | 266 |
| 831 | 31.9 | 24.2 | 19.5 | 24.4 | 100.0 | 354 |
| 832 | 21.1 | 27.3 | 17.6 | 34.0 | 100.0 | 730 |
| 834 | 27.5 | 38.3 | 9.7 | 24.6 | 100.0 | 330 |
| 837 | 28.2 | 18.6 | 16.5 | 36.8 | 100.0 | 418 |
| 838 | 16.5 | 15.7 | 11.1 | 56.7 | 100.0 | 288 |
| Morris County |  |  |  |  |  |  |
| 880 | 18.5 | 15.2 | 20.4 | 46.0 | 100.0 | 351 |
| 986 | 9.2 | 20.8 | 34.4 | 35.6 | 100.0 | 135 |
| 871_874 | 32.2 | 25.3 | 21.3 | 21.2 | 100.0 | 208 |
| 872_875 | 15.4 | 24.9 | 14.2 | 45.5 | 100.0 | 152 |
| 873_878 | 31.7 | 36.9 | 8.9 | 22.5 | 100.0 | 168 |
| 890_891 | 25.5 | 28.4 | 0.0 | 46.1 | 100.0 | 44 |

## Disability

The proportion of riders with disability for the surveyed bus routes is shown in Table 11. For reference, according to the 2016 American Community Survey, the proportion of civilian noninstitutionalized population with disabilities in the entire state of New Jersey is 10.4 percent. Table 11 shows that the proportion of riders with disability is significantly smaller than the state average for all but two combined routes: Rt. 872 _ 875 and Rt. 890_891, both in Morris County. A potential reason for the low share of riders with disability for most of the surveyed routes is the small share of elderly riders, for the share of persons with disability is usually significantly higher among elderly persons than non-elderly persons. Another reason for the low share of bus riders with disability is that many persons with disability use NJ TRANSIT's ADA-complementary Access Link paratransit service because of its greater convenience and comfort.

Table 11 - Proportion of riders with disability

| Rt. \# | Percent |  |  | Riders (N) |
| :---: | :---: | :---: | :---: | :---: |
|  | $\begin{gathered} \text { Has } \\ \text { Disability } \end{gathered}$ | Does not have | Total |  |
| Hudson County |  |  |  |  |
| 2 | 2.3 | 97.7 | 100.0 | 2,717 |
| 10 | 3.9 | 96.1 | 100.0 | 3,493 |
| 88 | 5.7 | 94.3 | 100.0 | 2,458 |
| 119 | 1.5 | 98.5 | 100.0 | 3,670 |
| Burlington County |  |  |  |  |
| 406 | 5.5 | 94.5 | 100.0 | 1,333 |
| 414 | 4.6 | 95.5 | 100.0 | 55 |
| 612 | 0.0 | 100.0 | 100.0 | 47 |
| Middlesex/Monmouth County |  |  |  |  |
| 48 | 5.0 | 95.0 | 100.0 | 1,917 |
| 805 | 0.0 | 100.0 | 100.0 | 296 |
| 830 | 0.0 | 100.0 | 100.0 | 282 |
| 831 | 6.7 | 93.3 | 100.0 | 336 |
| 832 | 3.1 | 96.9 | 100.0 | 714 |
| 834 | 9.5 | 90.5 | 100.0 | 320 |
| 837 | 7.5 | 92.5 | 100.0 | 439 |
| 838 | 6.0 | 94.0 | 100.0 | 285 |
| Morris County |  |  |  |  |
| 880 | 5.7 | 94.3 | 100.0 | 346 |
| 986 | 0.0 | 100.0 | 100.0 | 130 |
| 871_874 | 6.1 | 93.9 | 100.0 | 218 |
| 872_875 | 13.3 | 86.7 | 100.0 | 149 |
| 873_878 | 0.0 | 100.0 | 100.0 | 173 |
| 890_891 | 19.8 | 80.2 | 100.0 | 44 |

## TRAVEL CHARACTERISTICS

This broad section describes how the riders use buses on the surveyed routes. It includes discussions on origin and destination places, access and egress modes, trip frequency, travel mode for return trips, and type of tickets purchased.

## Origin and Destination Places

The origin and destination places for this analysis do not pertain to any specific geographic locations such as cities, city blocks, or neighborhoods. Instead they pertain to places such as home, work, and schools. As such, the analyses show trip purposes rather than actual locations where trips started or ended.

The origins of the bus trips (i.e., the trips where the riders were intercepted by the surveyors) are presented in Table 12. The destination places for the routes are shown in Table 13.

Table 12 - Origin places of riders for bus trips

| Rt. \# | Percent |  |  |  |  |  |  |  |  |  | Riders$(\mathrm{N})$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Home | Work | Shop | Personal business | Medical/ dental | Social/ recreation | School $(\mathrm{K}-12)$ | Tech., college or university | Other | Total |  |
| Hudson County |  |  |  |  |  |  |  |  |  |  |  |
| 2 | 60.7 | 25.3 | 1.6 | 2.0 | 1.5 | 0.4 | 1.9 | 0.5 | 6.2 | 100.0 | 2,912 |
| 10 | 65.1 | 11.7 | 1.4 | 3.6 | 2.0 | 0.3 | 3.8 | 8.8 | 3.3 | 100.0 | 3,613 |
| 88 | 58.2 | 14.4 | 1.9 | 3.8 | 2.6 | 1.4 | 2.6 | 8.1 | 7.0 | 100.0 | 2,647 |
| 119 | 64.7 | 16.6 | 2.5 | 2.6 | 2.3 | 0.3 | 2.7 | 4.3 | 4.1 | 100.0 | 3,818 |
| Burlington County |  |  |  |  |  |  |  |  |  |  |  |
| 406 | 53.3 | 24.1 | 3.9 | 6.4 | 5.3 | 0.2 | 0.9 | 2.1 | 3.9 | 100.0 | 1,434 |
| 414 | 90.9 | 4.6 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 4.6 | 100.0 | 55 |
| 612 | 100.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 100.0 | 51 |
| Middlesex/Monmouth County |  |  |  |  |  |  |  |  |  |  |  |
| 48 | 60.1 | 16.1 | 1.7 | 5.2 | 4.8 | 0.9 | 1.1 | 3.1 | 7.1 | 100.0 | 1,984 |
| 805 | 97.8 | 2.3 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 100.0 | 311 |
| 830 | 57.5 | 20.5 | 3.2 | 0.0 | 0.0 | 0.0 | 5.5 | 0.0 | 13.4 | 100.0 | 291 |
| 831 | 62.2 | 19.0 | 3.8 | 3.8 | 4.5 | 0.0 | 0.0 | 0.0 | 6.7 | 100.0 | 337 |
| 832 | 61.4 | 11.3 | 3.4 | 4.3 | 0.6 | 0.6 | 4.9 | 9.7 | 3.9 | 100.0 | 732 |
| 834 | 69.5 | 4.6 | 1.5 | 15.3 | 1.5 | 0.0 | 0.0 | 0.0 | 7.6 | 100.0 | 330 |
| 837 | 60.2 | 19.8 | 3.2 | 3.0 | 4.8 | 1.5 | 0.0 | 0.0 | 7.6 | 100.0 | 418 |
| 838 | 49.5 | 9.2 | 1.2 | 3.1 | 4.4 | 2.1 | 1.2 | 18.1 | 11.1 | 100.0 | 313 |
| Morris County |  |  |  |  |  |  |  |  |  |  |  |
| 880 | 70.9 | 5.2 | 2.3 | 2.9 | 5.8 | 0.0 | 0.0 | 0.0 | 13.0 | 100.0 | 379 |
| 986 | 73.3 | 21.6 | 0.0 | 2.3 | 2.9 | 0.0 | 0.0 | 0.0 | 0.0 | 100.0 | 143 |
| 871_874 | 68.9 | 14.5 | 1.0 | 3.6 | 0.0 | 2.3 | 0.0 | 1.0 | 8.8 | 100.0 | 228 |
| 872_875 | 70.5 | 0.0 | 0.0 | 6.6 | 0.0 | 0.0 | 0.0 | 9.8 | 13.2 | 100.0 | 165 |
| 873_878 | 57.9 | 13.2 | 1.8 | 4.4 | 2.7 | 0.0 | 0.0 | 4.5 | 15.5 | 100.0 | 179 |
| 890_891 | 50.4 | 17.1 | 19.8 | 6.4 | 0.0 | 0.0 | 0.0 | 0.0 | 6.4 | 100.0 | 44 |

Table 12 shows that more than 50 percent of trips for each route originated at the riders' homes. A reason for such a high proportion of trips originating at home for all routes is that the survey was conducted between 6 AM and 4 PM . If the survey continued beyond 4 PM, the proportion of trips from home would have been lower since many more workers' return trips from work would have been accounted for. Another reason for the large share of home origins is that most riders returning home in the afternoon did not respond to the survey because they completed the survey in the morning, when they were leaving from home.

Although less substantial than trips originating at home, the share of trips originating at work is also large for almost all routes. The share of trips originating at work would have been potentially larger if the survey continued beyond 4 PM . On the whole, the large share of work origins suggests that the surveyed buses play a significant role in connecting work places to homes for the riders.

Table 13 - Destination places of riders for bus trips

| Rt. \# | Percent |  |  |  |  |  |  |  |  |  | Riders (N) |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Home | Work | Shop | Personal business | Medical/ dental | Social/ recreation | $\begin{aligned} & \text { School } \\ & \text { (K-12) } \end{aligned}$ | Tech., college or university | Other | Total |  |
| Hudson County |  |  |  |  |  |  |  |  |  |  |  |
| 2 | 22.0 | 63.9 | 1.6 | 2.0 | 1.8 | 0.8 | 1.2 | 4.3 | 2.5 | 100.0 | 2,627 |
| 10 | 26.4 | 30.8 | 2.3 | 5.5 | 2.4 | 1.3 | 7.5 | 18.7 | 5.2 | 100.0 | 3,438 |
| 88 | 24.5 | 38.3 | 4.7 | 5.2 | 4.2 | 0.7 | 4.3 | 10.8 | 7.2 | 100.0 | 2,381 |
| 119 | 26.4 | 48.4 | 3.2 | 4.0 | 2.5 | 0.5 | 4.8 | 4.7 | 5.6 | 100.0 | 3,466 |
| Burlington County |  |  |  |  |  |  |  |  |  |  |  |
| 406 | 34.1 | 44.2 | 3.3 | 6.7 | 2.5 | 1.0 | 1.3 | 1.3 | 5.6 | 100.0 | 1,315 |
| 414 | 9.1 | 90.9 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 100.0 | 55 |
| 612 | 0.0 | 95.7 | 0.0 | 4.4 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 100.0 | 51 |
| Middlesex/Monmouth County |  |  |  |  |  |  |  |  |  |  |  |
| 48 | 29.5 | 43.1 | 2.7 | 6.4 | 5.8 | 1.2 | 2.0 | 3.7 | 5.6 | 100.0 | 1,849 |
| 805 | 0.0 | 100.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 100.0 | 304 |
| 830 | 36.0 | 45.1 | 16.2 | 2.7 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 100.0 | 255 |
| 831 | 31.2 | 45.0 | 5.1 | 5.1 | 3.9 | 0.0 | 0.0 | 2.5 | 7.3 | 100.0 | 310 |
| 832 | 20.8 | 34.0 | 9.5 | 5.8 | 4.7 | 0.7 | 5.0 | 18.2 | 1.3 | 100.0 | 659 |
| 834 | 16.4 | 53.1 | 9.1 | 6.1 | 5.5 | 2.4 | 0.0 | 0.0 | 7.3 | 100.0 | 274 |
| 837 | 33.3 | 41.9 | 6.7 | 4.6 | 6.1 | 2.9 | 0.0 | 3.0 | 1.5 | 100.0 | 400 |
| 838 | 30.3 | 36.8 | 6.7 | 2.3 | 0.0 | 5.1 | 0.0 | 17.4 | 1.4 | 100.0 | 279 |
| Morris County |  |  |  |  |  |  |  |  |  |  |  |
| 880 | 23.1 | 44.9 | 9.4 | 3.7 | 11.3 | 0.0 | 0.0 | 0.0 | 7.7 | 100.0 | 350 |
| 986 | 14.1 | 77.0 | 0.0 | 0.0 | 0.0 | 6.6 | 2.4 | 0.0 | 0.0 | 100.0 | 131 |
| 871_874 | 18.4 | 50.3 | 3.1 | 9.9 | 0.0 | 7.3 | 0.0 | 0.0 | 11.1 | 100.0 | 220 |
| 872_875 | 23.3 | 38.3 | 3.0 | 2.9 | 0.0 | 0.0 | 0.0 | 26.7 | 5.8 | 100.0 | 165 |
| 873_878 | 20.3 | 54.5 | 10.6 | 4.9 | 2.0 | 0.0 | 2.0 | 2.0 | 3.8 | 100.0 | 162 |
| 890_891 | 49.6 | 22.0 | 15.6 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 12.8 | 100.0 | 44 |

Table 13, where the destinations of the bus riders are shown, provides a better indication of riders' trip purposes than Table 12, where trip origins were shown. That is
because a large share of the trip origins was home. As expected, the largest share of trip destination for most routes was work, indicating that the buses play an important role in providing access to work locations. However, Table 13 also shows that the buses provide access to other types of activities as well to many riders, as the share of trips for personal business, shopping, medical/dental visits, and schools are also not insignificant for most routes. Somewhat surprisingly, the share of trips to institutions of higher education is high for several routes. Compared to the Analysis of Local Bus Markets (1), the share of trips to K-12 schools is lower for these surveyed routes, potentially because several routes in Hudson County in that study were used by many students going to school.

## Access and Egress Mode

The travel modes used by the riders to access boarding bus stops for the 23 routes are shown in Table 14. Their egress modes from alighting stop are shown in Table 15.

Table 14 - Access mode to boarding bus stop

| Rt. \# | Percent |  |  |  |  |  |  |  |  |  |  |  | Riders <br> (N) |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Walked only | $\begin{gathered} \hline \text { Drove } \\ \text { and } \\ \text { parked } \end{gathered}$ | Carpool/ Drop-off | Another bus | Light Rail | NJT Train | PATH | Bike | Taxi | Appbased service | Other | Total |  |
| Hudson County |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 2 | 49.3 | 0.9 | 1.6 | 32.3 | 1.5 | 11.1 | 3.1 | 0.3 | 0.0 | 0.0 | 0.0 | 100.0 | 2,790 |
| 10 | 83.8 | 0.5 | 0.6 | 5.9 | 0.4 | 1.0 | 7.0 | 0.1 | 0.1 | 0.3 | 0.5 | 100.0 | 3,551 |
| 88 | 77.8 | 0.6 | 1.2 | 14.4 | 0.7 | 1.1 | 3.0 | 0.2 | 0.0 | 0.6 | 0.5 | 100.0 | 2,659 |
| 119 | 85.7 | 1.3 | 0.8 | 4.4 | 0.2 | 0.3 | 3.2 | 0.3 | 0.0 | 0.6 | 3.3 | 100.0 | 3,840 |
| Burlington County |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 406 | 62.7 | 2.0 | 2.1 | 19.4 | 4.6 | 1.1 | 0.0 | 1.8 | 0.7 | 0.2 | 5.3 | 100.0 | 1,413 |
| 414 | 77.3 | 4.6 | 13.6 | 4.6 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 100.0 | 55 |
| 612 | 100.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 100.0 | 51 |
| Middlesex/Monmouth County |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 48 | 77.1 | 0.9 | 0.9 | 13.2 | 0.3 | 5.7 | 0.0 | 0.4 | 0.0 | 0.4 | 1.1 | 100.0 | 2,014 |
| 805 | 100.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 100.0 | 311 |
| 830 | 77.6 | 0.0 | 14.9 | 3.0 | 0.0 | 0.0 | 0.0 | 4.5 | 0.0 | 0.0 | 0.0 | 100.0 | 307 |
| 831 | 84.9 | 0.0 | 4.3 | 5.1 | 0.0 | 4.4 | 0.0 | 0.0 | 0.0 | 1.2 | 0.0 | 100.0 | 354 |
| 832 | 73.4 | 0.9 | 3.4 | 7.3 | 0.0 | 9.1 | 0.0 | 2.4 | 2.9 | 0.0 | 0.6 | 100.0 | 730 |
| 834 | 77.2 | 0.0 | 1.5 | 19.3 | 0.0 | 0.0 | 0.0 | 2.0 | 0.0 | 0.0 | 0.0 | 100.0 | 330 |
| 837 | 89.8 | 0.0 | 3.1 | 1.5 | 0.0 | 1.3 | 0.0 | 2.9 | 0.0 | 0.0 | 1.3 | 100.0 | 439 |
| 838 | 63.3 | 4.6 | 6.6 | 16.3 | 0.0 | 5.3 | 0.0 | 3.9 | 0.0 | 0.0 | 0.0 | 100.0 | 314 |
| Morris County |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 880 | 89.4 | 0.8 | 4.0 | 1.9 | 0.0 | 0.0 | 0.8 | 0.8 | 1.4 | 1.1 | 0.0 | 100.0 | 387 |
| 986 | 41.0 | 0.0 | 2.2 | 26.5 | 0.0 | 30.4 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 100.0 | 141 |
| 871_874 | 79.3 | 0.8 | 0.0 | 15.6 | 0.0 | 4.3 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 100.0 | 230 |
| 872_875 | 82.3 | 0.0 | 6.3 | 1.9 | 0.0 | 7.7 | 0.0 | 0.0 | 0.0 | 0.0 | 1.9 | 100.0 | 166 |
| 873_878 | 67.2 | 1.6 | 1.6 | 16.9 | 0.0 | 12.7 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 100.0 | 177 |
| 890_891 | 64.6 | 0.0 | 9.9 | 19.1 | 0.0 | 6.4 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 100.0 | 44 |

Table 14 shows that walking to boarding bus stops is the most common practice for bus riders. For more than half of the routes, 75 percent or more riders accessed their boarding stops by walking. For only two routes, the share of riders walking to boarding stop was less than half (Rt. 2 and Rt. 986). After walking, accessing bus stop by another bus is the most common. For routes, such as Rt. 2, Rt. 88, Rt. 406, Rt. 48, Rt. 834, Rt. 838, Rt. 986, Rt. 871-874, Rt. 873_878_, Rt. 890_891, the share of riders accessing boarding bus stops by another bus is substantial. The large share of riders boarding buses for these routes is an indication that these routes are well-connected with other bus routes. The share of riders accessing boarding stations by carpool/drop-off is small for most routes. Only for two routes the shares are noticeable. The share of NJ TRANSIT train is also small for most stations as the share of this mode is greater than 10 percent for only three routes. The share of PATH trips to boarding stations is even smaller, and as expected, only the riders for the Hudson County routes mentioned this mode. It is not surprising that the share of taxi trips to boarding stations is also very small. The very small share of trips by app-based modes indicates that Uber, Lyft, etc., are not commonly used by bus riders to access boarding stations.

Table 15 - Egress mode from alighting bus stop

| Rt. \# | Percent |  |  |  |  |  |  |  |  |  |  |  | $\begin{gathered} \text { Riders } \\ (\mathrm{N}) \end{gathered}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Walked only | $\begin{gathered} \hline \text { Drove } \\ \text { and } \\ \text { parked } \end{gathered}$ | Carpool/ Drop-off | Another bus | Light Rail | $\begin{aligned} & \text { NJT } \\ & \text { Train } \end{aligned}$ | PATH | Bike | Taxi | Appbased service | Other | Total |  |
| Hudson County |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 2 | 66.3 | 1.2 | 0.9 | 17.9 | 1.4 | 4.7 | 6.2 | 0.9 | 0.0 | 0.2 | 0.4 | 100.0 | 2,497 |
| 10 | 78.8 | 0.5 | 0.6 | 5.6 | 0.1 | 0.4 | 12.9 | 0.0 | 0.0 | 0.3 | 0.7 | 100.0 | 3,361 |
| 88 | 66.3 | 1.0 | 0.5 | 21.9 | 2.7 | 0.3 | 4.5 | 0.2 | 0.2 | 0.7 | 1.8 | 100.0 | 2,381 |
| 119 | 77.4 | 1.1 | 0.0 | 3.9 | 0.9 | 0.6 | 5.5 | 0.0 | 0.6 | 0.5 | 9.7 | 100.0 | 3,478 |
| Burlington County |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 406 | 75.2 | 0.8 | 0.3 | 16.7 | 3.4 | 0.8 | 0.0 | 0.9 | 0.0 | 0.3 | 1.7 | 100.0 | 1,275 |
| 414 | 81.8 | 0.0 | 0.0 | 13.6 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 4.6 | 100.0 | 55 |
| 612 | 26.1 | 0.0 | 0.0 | 0.0 | 0.0 | 69.6 | 0.0 | 0.0 | 0.0 | 4.4 | 0.0 | 100.0 | 51 |
| Middlesex/Monmouth County |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 48 | 75.1 | 0.4 | 0.5 | 11.2 | 0.0 | 11.8 | 0.5 | 0.0 | 0.0 | 0.0 | 0.5 | 100.0 | 1,897 |
| 805 | 4.8 | 0.0 | 0.0 | 0.0 | 2.3 | 90.7 | 2.3 | 0.0 | 0.0 | 0.0 | 0.0 | 100.0 | 310 |
| 830 | 76.6 | 6.3 | 3.6 | 13.5 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 100.0 | 255 |
| 831 | 81.0 | 0.0 | 3.6 | 10.4 | 0.0 | 0.0 | 0.0 | 3.4 | 0.0 | 0.0 | 1.6 | 100.0 | 331 |
| 832 | 87.7 | 0.0 | 0.7 | 7.0 | 0.0 | 2.7 | 0.0 | 1.3 | 0.0 | 0.0 | 0.7 | 100.0 | 668 |
| 834 | 83.0 | 0.0 | 2.5 | 14.6 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 100.0 | 264 |
| 837 | 74.9 | 0.0 | 1.7 | 13.9 | 0.0 | 1.6 | 0.0 | 4.7 | 3.2 | 0.0 | 0.0 | 100.0 | 400 |
| 838 | 68.2 | 6.2 | 2.9 | 9.2 | 0.0 | 8.1 | 0.0 | 2.4 | 1.4 | 1.7 | 0.0 | 100.0 | 286 |
| Morris County |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 880 | 84.8 | 1.2 | 1.6 | 5.6 | 0.0 | 0.8 | 0.0 | 0.0 | 5.2 | 0.8 | 0.0 | 100.0 | 352 |
| 986 | 68.9 | 0.0 | 6.5 | 10.5 | 2.4 | 11.7 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 100.0 | 128 |
| 871_874 | 82.6 | 1.0 | 0.0 | 14.5 | 0.0 | 1.9 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 100.0 | 225 |
| 872_875 | 87.3 | 4.6 | 0.0 | 2.2 | 0.0 | 4.6 | 0.0 | 1.5 | 0.0 | 0.0 | 0.0 | 100.0 | 143 |
| 873_878 | 78.1 | 0.0 | 0.0 | 16.8 | 0.0 | 0.0 | 1.6 | 1.8 | 0.0 | 1.6 | 0.0 | 100.0 | 174 |
| 890_891 | 79.5 | 0.0 | 12.4 | 8.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 100.0 | 35 |

Table 15 shows that similar to access modes, walking is the most common egress mode for most routes, followed by the use of another bus. Once again, 75 percent or more riders from more than half of the routes walked from their alighting station to their destinations. Similar to boarding station access mode, using another bus from egress station is the second most common way for bus riders. For 12 routes, the share of riders using another bus as egress mode was greater than 10 percent. PATH is once again mentioned primarily by riders in the Hudson County routes. The share of riders using NJ TRANSIT rail as egress mode is not common for most routes. However, the share is very high for Rt. 805, which provides access to the Metropark Station along the Northeast Corridor line, followed by Rt. 612, which provides access to the Princeton Junction Station along the same line. Another route with a noticeable share of riders using NJ TRANSIT trains is Rt. 48, which provides service to Broad St. at Jersey St., a location only one block away from the Elizabeth Station along the Northeast Corridor and North Jersey Coast line. Yet another route with a high volume of NJ TRANSIT train users is Rt. 986, which serves the Summit Station on the Morristown line and Plainfield Station along the Raritan Valley line. Similar to access mode, the share of ridehailing app modes is almost insignificant for all routes.

## Trip Frequency

Riders were asked how frequently they take the bus. The results for all routes are shown in Table 16. Riders who made trips six or seven times a week may be considered dependent users since many of them are likely to use the bus for commuting to work as well as other activities such as shopping and errands. Some of them may also work more than five days a week. Riders who made trips five times a week can be considered commuters, who are highly likely to take the bus to work or school/college. Riders who made trips more than one time but less than five times a week can be considered regular but infrequent users. Riders who made 1-3 trips a month can be considered occasional users, while riders who made less than one trip a month can be considered sporadic users.

When one follows the above categorization of riders, three routes in Hudson County (Rts. 2, 10, and 88), one route in Burlington County (Rt. 406), five routes in Middlesex/Monmouth County (Rts. 48, 830, 831, 834, 837), and three routes in Morris County (Rts. 880, 871_874, and 873_878) have a large share (more than 20 percent) of dependent riders. The share of commuters-riders who take the bus five days a weekis larger than the share of dependent riders for all routes. For five routes (Rts. 2, 414, 612,805 , and 986 ), the share of commuters is more than 50 percent.

With a few exceptions, the shares of infrequent and occasional riders appear to be larger for the routes in Middlesex/Monmouth and Morris County than the routes in Hudson County and Burlington County. On the whole, far more riders use the buses five days a week or more than less than five days for all routes. Only for six routes (Rt. 832, Rt. 834, and Rt. 838 in Middlesex/Monmouth County, and Rt. 872_875, Rt. 873_878, and Rt. 890_891 in Morris County) the share of riders using buses five days or more is lower than the share of riders using buses less frequently. More importantly, the share
of riders using buses five or more days a week is larger for the routes that have high rider volumes than routes with low rider volumes.

Table 16 - Frequency of trips made by buses on the surveyed routes

| R. \# | Percent |  |  |  |  |  |  |  |  |  | Riders$(\mathrm{N})$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | $\begin{gathered} 7 \\ \text { days/ } \\ \text { week } \end{gathered}$ | $\begin{gathered} 6 \\ \text { days/ } \\ \text { week } \end{gathered}$ | $\begin{gathered} 5 \\ \text { days/ } \\ \text { week } \\ \hline \end{gathered}$ | 3-4 days/ week | $\begin{gathered} \hline 1-2 \\ \text { days/ } \\ \text { week } \\ \hline \end{gathered}$ | $\begin{gathered} 1-3 \\ \text { days/ } \\ \text { month } \end{gathered}$ | <one day/ month | <one day/ year | First time user | Total |  |
| Hudson County |  |  |  |  |  |  |  |  |  |  |  |
| 2 | 16.0 | 15.3 | 50.7 | 9.2 | 4.6 | 1.9 | 1.8 | 0.0 | 0.6 | 100.0 | 2,670 |
| 10 | 19.9 | 9.7 | 35.2 | 20.7 | 7.0 | 4.2 | 2.6 | 0.3 | 0.4 | 100.0 | 3,450 |
| 88 | 19.9 | 10.9 | 34.9 | 17.4 | 7.0 | 4.1 | 4.4 | 0.7 | 0.7 | 100.0 | 2,403 |
| 119 | 10.6 | 9.4 | 47.1 | 16.0 | 7.9 | 5.0 | 2.1 | 0.2 | 1.6 | 100.0 | 3,496 |
| Burlington County |  |  |  |  |  |  |  |  |  |  |  |
| 406 | 18.3 | 11.8 | 32.9 | 14.7 | 8.7 | 8.1 | 3.2 | 0.3 | 2.0 | 100.0 | 1,318 |
| 414 | 9.5 | 4.8 | 66.7 | 9.5 | 4.8 | 4.8 | 0.0 | 0.0 | 0.0 | 100.0 | 52 |
| 612 | 0.0 | 0.0 | 60.9 | 21.7 | 13.0 | 0.0 | 4.4 | 0.0 | 0.0 | 100.0 | 51 |
| Middlesex/Monmouth County |  |  |  |  |  |  |  |  |  |  |  |
| 48 | 15.0 | 11.4 | 35.7 | 18.2 | 9.5 | 6.5 | 2.7 | 0.5 | 0.5 | 100.0 | 1,856 |
| 805 | 2.3 | 0.0 | 89.4 | 8.3 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 100.0 | 303 |
| 830 | 8.7 | 13.9 | 33.1 | 28.7 | 8.7 | 3.5 | 0.0 | 0.0 | 3.5 | 100.0 | 264 |
| 831 | 14.6 | 15.3 | 29.5 | 16.7 | 12.7 | 6.1 | 2.9 | 0.0 | 2.3 | 100.0 | 334 |
| 832 | 9.1 | 9.5 | 29.0 | 26.3 | 15.0 | 4.9 | 4.2 | 0.0 | 2.0 | 100.0 | 679 |
| 834 | 7.3 | 18.0 | 15.8 | 28.1 | 27.2 | 1.8 | 1.8 | 0.0 | 0.0 | 100.0 | 279 |
| 837 | 5.9 | 23.7 | 28.4 | 21.7 | 7.7 | 9.4 | 3.3 | 0.0 | 0.0 | 100.0 | 406 |
| 838 | 7.5 | 7.0 | 29.2 | 23.9 | 23.1 | 3.4 | 3.7 | 0.0 | 2.2 | 100.0 | 299 |
| Morris County |  |  |  |  |  |  |  |  |  |  |  |
| 880 | 6.1 | 19.1 | 31.1 | 23.7 | 10.9 | 6.0 | 1.6 | 0.0 | 1.6 | 100.0 | 347 |
| 986 | 0.0 | 3.1 | 71.1 | 10.9 | 9.3 | 0.0 | 5.5 | 0.0 | 0.0 | 100.0 | 134 |
| 871_874 | 5.4 | 22.4 | 42.3 | 22.7 | 1.8 | 1.8 | 0.0 | 0.0 | 3.6 | 100.0 | 228 |
| 872_875 | 2.9 | 5.0 | 30.8 | 32.6 | 20.3 | 8.3 | 0.0 | 0.0 | 0.0 | 100.0 | 165 |
| 873_878 | 7.4 | 13.6 | 24.6 | 29.8 | 15.4 | 1.7 | 2.8 | 0.0 | 4.7 | 100.0 | 171 |
| 890_891 | 7.1 | 0.0 | 30.8 | 12.6 | 11.9 | 12.6 | 14.2 | 11.0 | 0.0 | 100.0 | 40 |

## Return Trip

The bus riders were asked in the survey how they would travel when making the return trip. Their responses are summarized in Table 17.

It is evident from Table 17 that more than half of the riders for all routes would take the same bus for their return trip. The lowest share was observed for Rt. 871_874 and the highest share was observed for Rt. 872_875, both in Morris County.

The large share of riders who would take the same bus in the opposite direction for their return trip indicates that many riders are dependent on the bus routes for their daily travel. The large share may also be the result of a large share of commuting trips because commuters are more likely to commute both ways by the same mode. Table 17 indicates that when riders do not return by buses on the same route, they are more
likely to return by buses on other routes than returning by some other mode. The share of riders who mentioned that they would return by NJ TRANSIT train is high for routes that provide access to train stations, but many riders who specified train as the return mode potentially did so because they considered train to be a more dominant mode than bus when they utilized both modes as a part of their journey. It is likely that they used buses on the same route or some other route for their mixed-mode journey involving train, but specified train because they considered it more dominant than buses. Somewhat surprisingly, the share of riders who mentioned that they would make the return trip by car was substantial for some routes. However, as expected, the share of such riders is small for all Hudson Country routes.

Table 17 - Stated mode for return trip by bus riders

| Rt. \# | Percent |  |  |  |  |  | Riders (N) |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Same bus route | Another bus | Train | Car | Other | Total |  |
| Hudson County |  |  |  |  |  |  |  |
| 2 | 62.4 | 18.2 | 7.8 | 5.3 | 6.2 | 100.0 | 2,591 |
| 10 | 68.3 | 14.4 | 6.8 | 4.7 | 5.8 | 100.0 | 3,286 |
| 88 | 63.1 | 23.5 | 1.1 | 5.7 | 6.6 | 100.0 | 2,286 |
| 119 | 63.3 | 16.0 | 9.1 | 4.5 | 7.1 | 100.0 | 3,375 |
| Burlington County |  |  |  |  |  |  |  |
| 406 | 68.2 | 15.2 | 6.1 | 5.6 | 5.0 | 100.0 | 1,261 |
| 414 | 81.8 | 18.2 | 0.0 | 0.0 | 0.0 | 100.0 | 55 |
| 612 | 60.9 | 8.7 | 21.7 | 8.7 | 0.0 | 100.0 | 51 |
| Middlesex/Monmouth County |  |  |  |  |  |  |  |
| 48 | 62.0 | 15.1 | 8.0 | 10.3 | 4.6 | 100.0 | 1,799 |
| 805 | 66.7 | 2.3 | 24.4 | 3.3 | 3.3 | 100.0 | 303 |
| 830 | 73.9 | 2.6 | 6.1 | 6.1 | 11.3 | 100.0 | 264 |
| 831 | 63.9 | 8.5 | 16.8 | 4.0 | 6.8 | 100.0 | 301 |
| 832 | 76.9 | 8.6 | 4.1 | 6.6 | 3.8 | 100.0 | 643 |
| 834 | 71.3 | 7.5 | 2.4 | 17.0 | 1.8 | 100.0 | 269 |
| 837 | 72.5 | 8.0 | 5.0 | 3.2 | 11.4 | 100.0 | 393 |
| 838 | 72.9 | 5.6 | 2.7 | 10.5 | 8.3 | 100.0 | 289 |
| Morris County |  |  |  |  |  |  |  |
| 880 | 77.0 | 3.7 | 9.9 | 5.4 | 4.1 | 100.0 | 340 |
| 986 | 81.4 | 4.8 | 5.0 | 5.6 | 3.2 | 100.0 | 130 |
| 871_874 | 52.7 | 29.4 | 3.2 | 6.8 | 7.8 | 100.0 | 217 |
| 872_875 | 79.8 | 4.3 | 1.5 | 7.1 | 7.3 | 100.0 | 165 |
| 873_878 | 65.8 | 6.1 | 11.8 | 8.8 | 7.5 | 100.0 | 171 |
| 890_891 | 60.9 | 12.8 | 0.0 | 21.4 | 4.9 | 100.0 | 44 |

## Ticket Type

The survey respondents were asked about the type of tickets they used for the rides where they were intercepted by surveyors. The results are summarized in Table 18. The figures in the table show that one-way tickets/cash and monthly passes are the two most common types of tickets used by the riders. However, in contrast to the Analysis of Local Bus Markets study (1), which found more frequent use of monthly passes than
one-way tickets, this study found greater use of one-way tickets. For 15 routes, one-way tickets were more common, whereas monthly passes were more common for the remaining routes.

With a few exceptions, monthly-pass use is more frequent for the routes in Hudson County and Burlington County than for the routes in Middlesex/Monmouth and Morris County. The results in Table 18 are consistent with the frequency of using buses in Table 16, which showed that the share of infrequent and occasional riders was larger for the routes in Middlesex/Monmouth and Morris County than the routes in Hudson County and Burlington County. That is because riders who use buses more frequently are more likely to purchase monthly passes whereas riders who travel less frequently are more likely to purchase one-way tickets.

Table 18 - Type of tickets used by riders

|  | Percent |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Rt.\# | One- way <br> Ticket Cash | Monthly Pass | $\begin{gathered} \hline \text { Senior/ } \\ \text { Person } \\ \text { with } \\ \text { disability/ } \\ \text { Children } \end{gathered}$ | Round Trip | 10- <br> Trip/ Multitrip | Weekly Pass | Student Monthly Pass | Student Oneway | Student 10-Trip | Other | Total | Riders (N) |
| Hudson County |  |  |  |  |  |  |  |  |  |  |  |  |
| 2 | 26.5 | 53.5 | 3.3 | 6.0 | 0.5 | 3.2 | 1.3 | 1.6 | 0.3 | 3.8 | 100.0 | 2,681 |
| 10 | 44.0 | 36.5 | 4.2 | 3.8 | 0.0 | 0.3 | 3.3 | 2.4 | 1.6 | 3.9 | 100.0 | 3,433 |
| 88 | 33.8 | 49.0 | 5.6 | 3.0 | 0.4 | 0.0 | 2.2 | 2.6 | 0.2 | 3.3 | 100.0 | 2,363 |
| 119 | 38.4 | 37.7 | 6.2 | 3.9 | 7.3 | 0.2 | 1.1 | 2.1 | 0.5 | 2.6 | 100.0 | 3,489 |
| Burlington County |  |  |  |  |  |  |  |  |  |  |  |  |
| 406 | 50.8 | 31.6 | 10.8 | 3.3 | 2.6 | 0.0 | 0.0 | 0.2 | 0.0 | 0.8 | 100.0 | 1,302 |
| 414 | 19.1 | 38.1 | 23.8 | 0.0 | 19.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 100.0 | 52 |
| 612 | 18.2 | 72.7 | 9.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 100.0 | 49 |
| Middlesex/Monmouth County |  |  |  |  |  |  |  |  |  |  |  |  |
| 48 | 43.2 | 39.3 | 8.8 | 3.4 | 0.0 | 1.2 | 2.8 | 1.3 | 0.0 | 0.0 | 100.0 | 1,875 |
| 805 | 10.6 | 89.4 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 100.0 | 303 |
| 830 | 68.7 | 14.8 | 10.4 | 0.0 | 0.0 | 6.1 | 0.0 | 0.0 | 0.0 | 0.0 | 100.0 | 264 |
| 831 | 62.4 | 15.4 | 15.6 | 1.4 | 1.6 | 0.0 | 0.0 | 0.0 | 0.0 | 3.7 | 100.0 | 325 |
| 832 | 57.4 | 14.2 | 13.9 | 7.2 | 0.0 | 0.0 | 3.3 | 0.6 | 0.0 | 3.3 | 100.0 | 672 |
| 834 | 55.0 | 8.3 | 10.9 | 18.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 7.8 | 100.0 | 279 |
| 837 | 59.2 | 6.4 | 20.4 | 6.1 | 1.7 | 3.1 | 0.0 | 0.0 | 0.0 | 3.1 | 100.0 | 406 |
| 838 | 58.5 | 26.2 | 2.6 | 8.9 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 3.8 | 100.0 | 303 |
| Morris County |  |  |  |  |  |  |  |  |  |  |  |  |
| 880 | 67.7 | 10.8 | 17.6 | 1.6 | 0.8 | 1.6 | 0.0 | 0.0 | 0.0 | 0.0 | 100.0 | 350 |
| 986 | 36.3 | 52.9 | 2.3 | 8.5 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 100.0 | 134 |
| 871_874 | 50.6 | 34.4 | 11.8 | 1.6 | 0.0 | 0.8 | 0.0 | 0.0 | 0.0 | 0.8 | 100.0 | 228 |
| 872_875 | 65.9 | 16.6 | 5.9 | 2.1 | 4.3 | 3.2 | 2.1 | 0.0 | 0.0 | 0.0 | 100.0 | 151 |
| 873_878 | 54.5 | 14.4 | 24.5 | 2.9 | 0.0 | 0.0 | 3.8 | 0.0 | 0.0 | 0.0 | 100.0 | 168 |
| 890_891 | 52.7 | 0.0 | 35.4 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 11.9 | 100.0 | 40 |

The share of riders using discounted tickets for seniors, persons with disability, and children is significant for most routes but the share varies widely between routes. It appears from Table 18 that such reduced fare tickets are used least in the Hudson

County routes. For several routes in Burlington, Middlesex/Monmouth, and Morris Counties, the share of discounted trips is more than 10 percent. The use of all other types of tickets is far less common than monthly passes, one-way tickets, and discounted tickets.

## Satisfaction

A question was included in the survey that pertains to the riders' satisfaction of the bus service they were using. Riders were instructed to give a satisfaction score for the service. The score ranged from 0 to 10, 0 being unacceptable and 10 being excellent. Thus, the higher score reflected greater satisfaction and the lower score reflected lower satisfaction. Table 19 shows the share of riders giving specific score to each route. Although riders could select each specific integer score between 0 and 10, some scores have been combined in the table for space limitations. The two columns in the extreme right hand side of the table show the mean and median scores for each route.

Table 19 - Satisfaction scores for the routes

| Rt. \# | Percent |  |  |  |  |  |  |  | Riders <br> (N) | Mean | Median |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 0 | 1-2 | 3-4 | 5 | 6-7 | 8-9 | 10 | Total |  |  |  |
| Hudson County |  |  |  |  |  |  |  |  |  |  |  |
| 2 | 1.8 | 2.2 | 5.9 | 21.5 | 17.9 | 25.8 | 25.0 | 100.0 | 2,569 | 7.15 | 8 |
| 10 | 2.7 | 3.6 | 11.0 | 21.7 | 22.4 | 23.3 | 15.3 | 100.0 | 3,316 | 6.50 | 7 |
| 88 | 0.9 | 2.4 | 6.7 | 17.5 | 18.0 | 32.3 | 22.3 | 100.0 | 2,276 | 7.29 | 8 |
| 119 | 1.1 | 2.0 | 7.3 | 19.8 | 25.8 | 27.3 | 16.9 | 100.0 | 3,293 | 6.99 | 7 |
| Burlington County |  |  |  |  |  |  |  |  |  |  |  |
| 406 | 0.3 | 0.8 | 4.0 | 20.4 | 20.8 | 24.5 | 29.3 | 100.0 | 1,266 | 7.55 | 8 |
| 414 | 0.0 | 0.0 | 0.0 | 14.3 | 14.3 | 33.3 | 38.1 | 100.0 | 52 | 8.14 | 8 |
| 612 | 0.0 | 0.0 | 4.4 | 8.7 | 43.5 | 30.4 | 13.0 | 100.0 | 51 | 7.22 | 7 |
| Middlesex/Monmouth County |  |  |  |  |  |  |  |  |  |  |  |
| 48 | 2.5 | 0.7 | 7.7 | 15.3 | 21.6 | 29.2 | 23.1 | 100.0 | 1,788 | 7.26 | 8 |
| 805 | 0.0 | 2.4 | 2.4 | 17.6 | 23.7 | 46.6 | 7.4 | 100.0 | 296 | 7.23 | 8 |
| 830 | 0.0 | 0.0 | 5.7 | 2.9 | 12.3 | 49.1 | 30.2 | 100.0 | 243 | 8.40 | 9 |
| 831 | 0.0 | 0.0 | 5.5 | 25.6 | 11.2 | 27.1 | 30.7 | 100.0 | 329 | 7.53 | 8 |
| 832 | 1.7 | 3.8 | 10.1 | 20.0 | 22.7 | 23.7 | 18.1 | 100.0 | 654 | 6.77 | 7 |
| 834 | 0.0 | 0.0 | 1.9 | 19.4 | 24.1 | 29.1 | 25.4 | 100.0 | 254 | 7.61 | 8 |
| 837 | 3.5 | 0.0 | 9.7 | 9.9 | 16.6 | 25.3 | 35.0 | 100.0 | 379 | 7.51 | 8 |
| 838 | 0.0 | 3.4 | 9.2 | 20.3 | 16.1 | 28.1 | 22.9 | 100.0 | 292 | 7.17 | 8 |
| Morris County |  |  |  |  |  |  |  |  |  |  |  |
| 880 | 0.0 | 0.0 | 1.6 | 8.4 | 11.2 | 46.2 | 32.7 | 100.0 | 352 | 8.32 | 8 |
| 986 | 0.0 | 12.0 | 3.1 | 19.8 | 10.8 | 29.4 | 25.0 | 100.0 | 134 | 7.04 | 8 |
| 871_874 | 0.0 | 0.0 | 4.6 | 7.5 | 5.4 | 38.4 | 44.1 | 100.0 | 205 | 8.43 | 9 |
| 872_875 | 0.0 | 2.9 | 1.5 | 3.8 | 25.3 | 29.4 | 37.1 | 100.0 | 165 | 8.25 | 9 |
| 873_878 | 3.8 | 0.0 | 4.8 | 19.3 | 28.1 | 25.0 | 19.1 | 100.0 | 168 | 7.08 | 7 |
| 890_891 | 0.0 | 0.0 | 0.0 | 17.1 | 6.4 | 9.9 | 66.7 | 100.0 | 44 | 8.86 | 10 |

It is evident from Table 19 that the satisfaction scores for all routes are skewed, showing that more riders chose scores closer to excellent than unacceptable. This is
also evident from the fact that the median score for all routes is greater than 5 , the middle point of the continuous series between 0 and 10. However, a comparison of the mean and median scores shows that some routes are more satisfactory to the riders than other routes. The route with the highest satisfaction is Rt. 890_891 in Morris County, which has a median score of 10-the highest possible. Two other routes in Morris County have a median score of 9, whereas only one other route has a median score of 9 (Rt. 830 in Middlesex/Monmouth County). On the whole, the satisfaction scores are somewhat lower in Hudson and Burlington County than in Middlesex/Monmouth and Morris County.

Responses to another survey question provide additional insights about the satisfaction of riders with the bus routes they used. Through this question, the riders were asked whether they would recommend the service they used to a friend or relative. The responses to that question are summarized in Table 20.

Table 20 - Likelihood of recommending service to friend or relative

| Rt. \# | Very <br> Likely | Somewhat <br> Likely | Do Not <br> Know | Somewhat <br> Unlikely | Very <br> Unlikely | Total | Riders <br> (N) |
| :--- | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Hudson County |  |  |  |  |  |  |  |
| 2 | 48.2 | 32.1 | 7.3 | 5.4 | 7.0 | 100.0 | 2,651 |
| 10 | 34.6 | 40.3 | 11.2 | 6.7 | 7.2 | 100.0 | 3,447 |
| 88 | 46.2 | 33.0 | 9.3 | 5.5 | 5.9 | 100.0 | 2,396 |
| 119 | 40.2 | 38.1 | 7.8 | 5.7 | 8.2 | 100.0 | 3,473 |
| Burlington County |  |  |  |  |  |  |  |
| 406 | 45.8 | 30.9 | 8.0 | 5.5 | 9.7 | 100.0 | 1,319 |
| 414 | 72.7 | 13.6 | 4.6 | 4.6 | 4.6 | 100.0 | 55 |
| 612 | 56.5 | 34.8 | 4.4 | 0.0 | 4.4 | 100.0 | 51 |
| Middlesex/Monmouth County |  |  |  |  |  |  |  |
| 48 | 46.8 | 36.4 | 5.4 | 4.8 | 6.7 | 100.0 | 1,855 |
| 805 | 41.6 | 34.3 | 2.3 | 14.5 | 7.3 | 100.0 | 303 |
| 830 | 80.5 | 19.5 | 0.0 | 0.0 | 0.0 | 100.0 | 248 |
| 831 | 45.8 | 23.8 | 14.3 | 8.1 | 8.0 | 100.0 | 325 |
| 832 | 38.9 | 35.2 | 10.9 | 7.7 | 7.4 | 100.0 | 692 |
| 834 | 39.9 | 37.9 | 3.7 | 6.0 | 12.6 | 100.0 | 279 |
| 837 | 53.5 | 27.8 | 4.7 | 9.5 | 4.5 | 100.0 | 406 |
| 838 | 41.7 | 27.6 | 18.9 | 7.0 | 4.9 | 100.0 | 302 |
| Morris County |  |  |  |  |  |  |  |
| 880 | 56.5 | 24.3 | 3.1 | 5.9 | 10.2 | 100.0 | 357 |
| 986 | 61.5 | 15.6 | 5.4 | 12.0 | 5.5 | 100.0 | 134 |
| $871 \_874$ | 61.7 | 28.8 | 0.0 | 1.1 | 8.5 | 100.0 | 212 |
| $872 \_875$ | 44.5 | 35.6 | 8.2 | 0.0 | 11.7 | 100.0 | 165 |
| $873 \_878$ | 66.9 | 15.7 | 5.5 | 4.6 | 7.3 | 100.0 | 174 |
| 890 891 | 76.5 | 0.0 | 6.4 | 0.0 | 17.1 | 100.0 | 44 |

Consistent with the responses to the question on satisfaction score that showed a far larger proportion of riders giving high scores than low scores, Table 20 shows that more riders would recommend the service rather than not recommend. When those who are very likely and somewhat likely to recommend are combined, even for the least
satisfactory route (Rt. 831), almost 70 percent said they would recommend the service. When one examines only the share of those who are "very likely" to recommend, riders in the Hudson County routes appear significantly less satisfied and the riders on the Morris County routes appear somewhat more satisfied than the routes in the other two counties. However, when those who are "very likely" and "somewhat likely" are combined, the differences between the routes in different counties become less obvious. On the whole, consistent with Table 19, the responses show a high level of satisfaction of riders in all routes.

## Reason for Using Bus

The survey respondents were asked about the reasons for using the bus where they were intercepted by surveyors. They were given three responses to choose form: (a) I have no other way to travel, so I use the bus; (b) I use the bus because it is the best choice for me, even though there are other ways I could travel; and (c) I usually use another type of transportation, but I occasionally take the bus. The responses are summarized in Table 21.

Table 21 - Reasons for using buses by riders

| Rt. \# | Percent |  |  |  | Riders <br> (N) |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  | No other way | Best choice | Atypical rider | Total |  |
| Hudson County |  |  |  |  |  |
| 2 | 58.9 | 33.4 | 7.7 | 100.0 | 2,618 |
| 10 | 54.1 | 38.7 | 7.2 | 100.0 | 3,436 |
| 88 | 54.3 | 37.4 | 8.3 | 100.0 | 2,345 |
| 119 | 36.8 | 55.5 | 7.7 | 100.0 | 3,456 |
| Burlington County |  |  |  |  |  |
| 406 | 60.8 | 28.4 | 10.8 | 100.0 | 1,313 |
| 414 | 27.3 | 72.7 | 0.0 | 100.0 | 55 |
| 612 | 52.2 | 43.5 | 4.4 | 100.0 | 51 |
| Middlesex/Monmouth County |  |  |  |  |  |
| 48 | 57.0 | 32.3 | 10.8 | 100.0 | 1,875 |
| 805 | 39.9 | 57.8 | 2.3 | 100.0 | 303 |
| 830 | 51.3 | 42.6 | 6.1 | 100.0 | 264 |
| 831 | 60.8 | 29.7 | 9.4 | 100.0 | 310 |
| 832 | 61.1 | 27.2 | 11.6 | 100.0 | 667 |
| 834 | 57.4 | 36.5 | 6.1 | 100.0 | 274 |
| 837 | 50.4 | 38.5 | 11.1 | 100.0 | 393 |
| 838 | 49.4 | 41.3 | 9.3 | 100.0 | 283 |
| Morris County |  |  |  |  |  |
| 880 | 61.7 | 28.3 | 9.9 | 100.0 | 357 |
| 986 | 55.1 | 39.2 | 5.7 | 100.0 | 131 |
| 871_874 | 68.1 | 23.9 | 8.0 | 100.0 | 224 |
| 872_875 | 60.4 | 31.9 | 7.7 | 100.0 | 165 |
| 873_878 | 68.9 | 22.7 | 8.5 | 100.0 | 165 |
| 890_891 | 55.0 | 37.9 | 7.1 | 100.0 | 40 |

Table 21 shows that except for four routes (Rt. 119 in Hudson County, Rt. 414 in Burlington County, and Rt. 805 and Rt. 838 in Middlesex/Monmouth County) more than half of the riders for all routes have no option to travel other than buses. Table 7 showed that household income of the riders for the two routes with the lowest share of riders mentioning that they have no other way to travel is higher than most other routes. Table 8 showed that the share of riders with no cars in household was the lowest for Rt. 414. Most riders of the Morris County routes are more likely to not have any other option to travel than the riders of the routes in other counties. The share of riders who mentioned that the buses were their best choice varies widely between the routes.

## Travel Alternatives

The bus riders were asked how they would have traveled if the bus service was not available. In addition to various travel modes they could use, they were also given an option to state that they would not make the trip. The responses to the question are summarized in Table 22.

Table 22 - How riders would have traveled if the bus was not available

| Rt. \# | Percent |  |  |  |  |  |  |  |  |  | Riders <br> (N) |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Would not make this trip | $\begin{aligned} & \text { Drive } \\ & \text { a car } \end{aligned}$ | Carpool | Taxi | Appbased service | Jitney | Walk | Bike | Other | Total |  |
| Hudson County |  |  |  |  |  |  |  |  |  |  |  |
| 2 | 22.6 | 8.1 | 6.3 | 9.9 | 34.5 | 1.9 | 7.4 | 1.6 | 7.7 | 100.0 | 2,666 |
| 10 | 11.7 | 11.3 | 3.9 | 8.5 | 26.3 | 13.8 | 10.3 | 2.4 | 11.8 | 100.0 | 3,665 |
| 88 | 12.0 | 9.4 | 3.1 | 7.3 | 28.2 | 10.9 | 11.0 | 1.8 | 16.4 | 100.0 | 2,587 |
| 119 | 6.9 | 9.7 | 2.6 | 4.1 | 23.2 | 8.3 | 6.3 | 1.1 | 37.7 | 100.0 | 3,752 |
| Burlington County |  |  |  |  |  |  |  |  |  |  |  |
| 406 | 20.0 | 13.1 | 7.2 | 14.1 | 26.0 | 0.2 | 9.5 | 2.2 | 7.7 | 100.0 | 1,461 |
| 414 | 16.0 | 28.0 | 8.0 | 0.0 | 8.0 | 0.0 | 4.0 | 4.0 | 32.0 | 100.0 | 62 |
| 612 | 4.2 | 37.5 | 0.0 | 0.0 | 45.8 | 0.0 | 4.2 | 0.0 | 8.3 | 100.0 | 53 |
| Middlesex/Monmouth County |  |  |  |  |  |  |  |  |  |  |  |
| 48 | 18.4 | 8.4 | 3.8 | 12.3 | 29.8 | 0.0 | 13.2 | 1.6 | 12.6 | 100.0 | 2,043 |
| 805 | 6.5 | 35.5 | 0.0 | 4.4 | 34.6 | 0.0 | 7.3 | 4.4 | 7.3 | 100.0 | 341 |
| 830 | 17.7 | 12.3 | 5.4 | 29.2 | 4.6 | 0.0 | 3.1 | 7.7 | 20.0 | 100.0 | 298 |
| 831 | 11.1 | 8.8 | 4.2 | 36.6 | 13.0 | 0.0 | 9.3 | 9.7 | 7.4 | 100.0 | 363 |
| 832 | 16.3 | 8.3 | 2.8 | 35.9 | 14.1 | 0.0 | 9.4 | 4.7 | 8.6 | 100.0 | 803 |
| 834 | 13.8 | 8.3 | 3.0 | 38.8 | 18.4 | 0.0 | 5.6 | 1.7 | 10.5 | 100.0 | 386 |
| 837 | 19.8 | 7.3 | 0.0 | 34.8 | 11.7 | 0.0 | 5.6 | 5.4 | 15.5 | 100.0 | 452 |
| 838 | 15.3 | 17.2 | 1.2 | 29.1 | 23.1 | 0.0 | 5.4 | 6.6 | 2.3 | 100.0 | 337 |
| Morris County |  |  |  |  |  |  |  |  |  |  |  |
| 880 | 17.4 | 2.5 | 6.2 | 35.3 | 14.0 | 1.4 | 9.1 | 1.4 | 12.7 | 100.0 | 400 |
| 986 | 20.2 | 22.8 | 2.3 | 8.5 | 33.5 | 0.0 | 0.0 | 0.0 | 12.7 | 100.0 | 134 |
| 871_874 | 27.0 | 3.3 | 5.9 | 17.0 | 35.2 | 0.0 | 5.2 | 6.4 | 0.0 | 100.0 | 223 |
| 872_875 | 19.9 | 6.5 | 6.3 | 17.2 | 29.9 | 0.0 | 14.9 | 1.2 | 4.2 | 100.0 | 175 |
| 873_878 | 9.9 | 4.1 | 1.7 | 9.5 | 44.7 | 0.0 | 10.0 | 7.5 | 12.6 | 100.0 | 187 |
| 890_891 | 34.6 | 0.0 | 0.0 | 25.3 | 16.1 | 0.0 | 24.0 | 0.0 | 0.0 | 100.0 | 47 |

The first column of Table 22 shows the share of riders in each route that would not make the trip if the bus service did not exist. It is evident that the share of riders who would not have made the trip is substantial for most routes. For all routes except four (Rt. 119, Rt. 612, Rt. 805, and Rt. 873_878) at least 10 percent riders mentioned that would not have made the trip in the absence of buses on the route they were using. For four routes (Rt. 2, Rt. 986, Rt. 871_874, and Rt. 890_891), the share was larger than 20 percent. The share of riders who stated that they would drive a car was smaller than the share of riders who mentioned that they would not make the trip for most routes. For two Burlington County routes, however, the share of riders stating that they would drive was significantly higher. While the share of riders who stated that they would carpool was small for almost all routes, the share of riders who stated that they would take a taxi was much larger. For most Middlesex/Monmouth County routes, the share is larger than those who stated that they would drive.

The share of riders who said they would use an app-based service such as Uber and Lyft is the largest alternate mode for riders on many routes. That appears to be the case in all counties other than Middlesex/Monmouth County, where a large share of riders mentioned that they would use a taxi. The fact that the largest share of riders for most routes stated that the riders would use an app-based service indicates that buses and app-based services like Uber and Lyft are perceived to be substitutes by a large number of bus riders. This seems to repudiate the thinking of many researchers who think that app-based services would be used predominantly in suburban areas where transit service is not readily available.

The share of riders who stated that they would use jitneys is noticeable only for the Hudson County routes. That is not surprising because jitneys are not as available in other parts of New Jersey as they are in Hudson County. A small but significant share of riders also mentioned that they would walk or bike in the absence of buses. However, walking is possible only when a rider's trips are short and biking can be a substitute for bus trips with moderate distance only. A reason for a significant share of riders for some routes in Morris County mentioning that they would walk may be that the routes are generally short.

## ENVIRONMENTAL IMPACT

## Introduction

The most important objective of this research is to estimate the environmental impacts of buses. Toward this end, analyses were undertaken to estimate $\mathrm{CO}_{2}$ emissions that would have been generated if the bus riders were to use alternative transportation modes such as cars, taxis, or app-based services. The $\mathrm{CO}_{2}$ estimates were obtained for 25 bus routes surveyed.

The air quality impact of transit is often estimated by examining how the transit riders would have traveled between their trip origins and destinations if the transit service did not exist. Adopting that approach, this study uses responses from a survey question that inquired what alternative travel mode the respondents would have used in the absence of the bus service they were using. Although many riders selected other modes such as walk, bike, train, another bus, etc., the relevant trips for the analysis here are only those that would have been made by an automobile, including driving alone, carpool, taxi, or app-based service such as Uber and Lyft. The riders who said they would not make the trips they were making in the absence of buses were also excluded from analysis because they would not generate any VMT by giving up their trips.

The following sequential steps were involved in estimating the $\mathrm{CO}_{2}$ emissions that would have been generated from the diversion of bus riders to the automobile.
(a) Geocode the trip origins and destinations of the survey respondents.
(b) Using GIS, estimate network distances (miles) between the origins and destinations of each trip in the survey data.
(c) Select the trips for which the rider stated that he or she would have traveled by an automobile mode in the absence of the bus.
(d) Apply appropriate vehicle occupancy rate for those who said they would carpool in the absence of buses.
(e) Estimate vehicle miles traveled (VMT) for each potential automobile user by applying respective vehicle occupancy rates.
(f) Make a realistic assumption about miles per gallon (MPG) for automobile and $\mathrm{CO}_{2}$ emission per gallon of gasoline.
(g) Use MPG, emissions per gallon, and VMT to estimate $\mathrm{CO}_{2}$ emissions that would have been generated if riders diverted to automobile as stated in the survey.

## Impact Estimation

The distances between bus trip origins and destinations were estimated by the ArcGIS Network Analyst. Vehicle occupancy rate for those who said they would carpool was obtained from responses to a specific survey question. For those who said they would carpool but did not mention the number of people they would carpool with, the average occupancy rate for all carpool riders was used. This average was 2.24 persons per car
for those who stated the number of carpool riders. For those who said they would drive alone, take a taxi, or take an app-based service, the vehicle occupancy rate was assumed to be one since potential taxi users and app-based service users were not asked about sharing vehicles with others.

Table 23 shows the estimated route-specific vehicle miles traveled (VMT) for the riders who stated that they would use an automobile mode in the absence of buses. The VMT estimates are based on one-way trip only. They would be twice as much if all riders returned by the same bus. The estimates are shown separately for those who would drive or carpool and those who would use app-based service or taxi, in addition to the total VMT obtained by aggregating the two. In addition to the estimates of VMT, the table shows the number of riders in each route that would use the specific modes.

Table 23 - Estimated vehicle miles to be traveled in the absence of buses

|  | Driver and Carpool |  | App-based and Taxi |  | Total |  |
| :--- | :---: | :---: | :---: | :---: | :---: | :---: |
| Rt. \# | Riders (N) | Miles | Riders (N) | Miles | Riders (N) | Miles |
| Hudson County |  |  |  |  |  |  |
| 2 | 293 | 1,647 | 906 | 5,987 | 1,199 | 7,634 |
| 10 | 393 | 1,979 | 971 | 5,251 | 1,364 | 7,231 |
| 88 | 232 | 1,236 | 674 | 3,490 | 906 | 4,726 |
| 119 | 242 | 1,533 | 701 | 4,029 | 943 | 5,563 |
| Burlington County |  |  |  |  |  |  |
| 406 | 152 | 940 | 386 | 2,871 | 538 | 3,811 |
| 414 | 12 | 74 | 5 | 42 | 17 | 116 |
| 612 | 20 | 952 | 22 | 884 | 42 | 1,835 |
| Middlesex/Monmouth County |  |  |  |  |  |  |
| 48 | 179 | 1,690 | 719 | 5,731 | 898 | 7,421 |
| 805 | 99 | 2,612 | 118 | 2,693 | 217 | 5,306 |
| 830 | 20 | 117 | 69 | 306 | 89 | 423 |
| 831 | 31 | 204 | 146 | 1,048 | 177 | 1,252 |
| 832 | 78 | 556 | 321 | 2,800 | 399 | 3,356 |
| 834 | 30 | 246 | 141 | 924 | 171 | 1,170 |
| 837 | 33 | 149 | 147 | 975 | 180 | 1,124 |
| 838 | 52 | 580 | 122 | 1,060 | 174 | 1,640 |
| Morris County |  |  |  |  |  |  |
| 880 | 27 | 80 | 156 | 953 | 183 | 1,033 |
| 986 | 19 | 204 | 49 | 615 | 68 | 819 |
| $871 \_874$ | 18 | 92 | 92 | 866 | 110 | 958 |
| $872 \_875$ | 11 | 104 | 69 | 592 | 80 | 696 |
| $873 \_878$ | 4 | 62 | 92 | 1,296 | 96 | 1,358 |
| 890 891 | 0 | 0 | 17 | 250 | 17 | 250 |
| Total | 1,945 | 15,059 | 5,923 | 42,662 | 7,868 | 57,721 |

The United States Environmental Protection Agency (EPA) uses a formula to estimate $\mathrm{CO}_{2}$ emissions from gasoline consumption by automobiles (3). The formula can be stated as:

$$
\text { Total } \mathrm{CO}_{2} \text { emissions }=\frac{\mathrm{CO}_{2} \text { emissions per gallon }}{M P G} X V M T
$$

By assuming 8,887 grams of emissions per gallon of gasoline, 21.6 MPG, and 11,400 annual VMT, it estimated that the average annual emission per car is approximately 4.7 metric tons. The same assumptions have been made here to estimate $\mathrm{CO}_{2}$ reduction for each bus route. Instead of annual VMT for a car, the VMT estimates from Table 23 were used for each route. The average weekday and annual estimates of $\mathrm{CO}_{2}$ for the routes are shown in Table 24. The figures in the table show how much $\mathrm{CO}_{2}$ would have been emitted if the bus riders who said they would travel by automobile in the absence of buses made their trips by automobile. Thus the figures indicate how much additional $\mathrm{CO}_{2}$ would have been generated by additional automobile trips due to diversion from buses. While the weekday emissions were obtained by the EPA formula, to obtain the annual estimates, it was assumed that there are 260 working days in a year. Hence the annual estimates are 260 times larger than the weekday estimates.

Table 24 - Average weekday and annual $\mathrm{CO}_{2}$ emissions from diversion to automobile

|  | Average weekday emissions <br> (Metric tons) |  |  | Annual emissions (Metric tons) |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Rt.\# | Driver and carpool | ```Taxi and app- based``` | Total | $\begin{aligned} & \text { Driver } \\ & \text { and } \\ & \text { carpool } \end{aligned}$ | ```Taxi and app- based``` | Total |
| Hudson County |  |  |  |  |  |  |
| 2 | 0.68 | 2.46 | 3.14 | 176.2 | 640.4 | 816.6 |
| 10 | 0.81 | 2.16 | 2.97 | 211.7 | 561.7 | 773.5 |
| 88 | 0.51 | 1.44 | 1.94 | 132.2 | 373.3 | 505.6 |
| 119 | 0.63 | 1.66 | 2.29 | 164.0 | 431.0 | 595.1 |
| Burlington County |  |  |  |  |  |  |
| 406 | 0.39 | 1.18 | 1.57 | 100.5 | 307.1 | 407.7 |
| 414 | 0.03 | 0.02 | 0.05 | 7.9 | 4.5 | 12.4 |
| 612 | 0.39 | 0.36 | 0.76 | 101.8 | 94.5 | 196.3 |
| Middlesex/Monmouth County |  |  |  |  |  |  |
| 48 | 0.70 | 2.36 | 3.05 | 180.8 | 613.1 | 793.9 |
| 805 | 1.07 | 1.11 | 2.18 | 279.5 | 288.1 | 567.5 |
| 830 | 0.05 | 0.13 | 0.17 | 12.5 | 32.8 | 45.3 |
| 831 | 0.08 | 0.43 | 0.52 | 21.8 | 112.1 | 134.0 |
| 832 | 0.23 | 1.15 | 1.38 | 59.5 | 299.5 | 359.0 |
| 834 | 0.10 | 0.38 | 0.48 | 26.3 | 98.8 | 125.1 |
| 837 | 0.06 | 0.40 | 0.46 | 16.0 | 104.3 | 120.2 |
| 838 | 0.24 | 0.44 | 0.67 | 62.0 | 113.4 | 175.4 |
| Morris County |  |  |  |  |  |  |
| 880 | 0.03 | 0.39 | 0.43 | 8.6 | 101.9 | 110.5 |
| 986 | 0.08 | 0.25 | 0.34 | 21.8 | 65.8 | 87.6 |
| 871_874 | 0.04 | 0.36 | 0.39 | 9.8 | 92.6 | 102.4 |
| 872_875 | 0.04 | 0.24 | 0.29 | 11.2 | 63.3 | 74.5 |
| 873_878 | 0.03 | 0.53 | 0.56 | 6.6 | 138.7 | 145.3 |
| 890_891 | 0.00 | 0.10 | 0.10 | 0.0 | 26.7 | 26.7 |
| Total | 6.20 | 17.55 | 23.75 | 1,610.9 | 4,563.7 | 6,174.6 |

Table 24 shows that emissions from driver and carpool are generally lower than emissions from app-based service and taxi. This is because a larger number of riders stated that they would use app-based service or taxi than driving or carpooling. The factors that affected the estimated emissions for each route were (a) distance between trip origins and destinations, and the (b) number of riders who stated that they would use an automobile mode.

Using the EPA's estimate of $\mathrm{CO}_{2}$ generated per car per year, from the annual emissions figures in Table 24, one can estimate the number of cars that would have to be removed in order to achieve the estimated reduction in emissions. The estimated number of reduced cars from roads for each bus route is shown in Table 25.

The number of cars reduced in Table 25 is not for one weekday but for the whole year. The figures in the table indicate, based on one-way trips alone, the total emissions reduced by the 25 routes by allowing people to take buses instead of automobiles is equivalent to taking away 1,314 cars from roads for one full year.

Table 25 - Number of cars that would be removed from roads to achieve the estimated reduction in $\mathrm{CO}_{2}$

| Rt.\# | Driver and <br> carpool | Taxi and app- <br> based | Total |
| :--- | :---: | :---: | :---: |
| Hudson County |  |  |  |
| 2 | 37 | 136 | 174 |
| 10 | 45 | 120 | 165 |
| 88 | 28 | 79 | 108 |
| 119 | 35 | 92 | 127 |
| Burlington County |  |  |  |
| 406 | 21 | 65 | 87 |
| 414 | 2 | 1 | 3 |
| 612 | 22 | 20 | 42 |
| Middlesex/Monmouth County |  |  |  |
| 48 | 38 | 130 | 169 |
| 805 | 59 | 61 | 121 |
| 830 | 3 | 7 | 10 |
| 831 | 5 | 24 | 29 |
| 832 | 13 | 64 | 76 |
| 834 | 6 | 21 | 27 |
| 837 | 3 | 22 | 26 |
| 838 | 13 | 24 | 37 |
| Morris County |  |  |  |
| 880 | 2 | 22 | 24 |
| 986 | 5 | 14 | 19 |
| $871 \_874$ | 2 | 20 | 22 |
| $872 \_875$ | 2 | 13 | 16 |
| $873 \_878$ | 1 | 30 | 31 |
| $890 \_891$ | 0 | 6 | 6 |
| Total | 343 | 971 | 1,314 |

Note: The figures are based on one-way trip. They would be double if riders returned by the same bus.

One may note that buses also contribute to $\mathrm{CO}_{2}$ emissions. To accurately estimate emissions generated from buses, information is needed about type of fuel used by buses. Additionally, assumptions have to be made about vehicle speed, traffic conditions, et cetera. Due to the unavailability of related information, efforts were not made to estimate emissions generated from the buses. Thus the $\mathrm{CO}_{2}$ emissions shown here should not be interpreted as net savings. They only represent emissions that would be generated from cars if the riders who said they would use a car in the absence of buses used cars instead of buses for their trips.

The GHG savings from the routes surveyed in this study are significantly lower than the savings from the routes surveyed in Analysis of Local Bus Markets (1). The emissions estimated from the 25 routes in the current study are approximately $60 \%$ of the emissions estimated from the 23 routes in the previous study. Two factors contributed to this result. First, total ridership for the routes surveyed in the previous study was significantly larger. As a result, far more riders mentioned that they would use an automobile mode. Second, the routes surveyed through the previous survey were much longer. Despite this discrepancy, both studies show that most of the GHG savings occur from riders who would use an app-based service instead of driving alone.

## CONCLUSIONS AND RECOMMENDATIONS

## Summary of Findings

This research was based on a survey of riders on 25 NJ TRANSIT bus routes operating in Hudson County, Middlesex/Monmouth County, Burlington County and Morris County Groups. The analysis included analyses of (a) riders' demographic and socioeconomic characteristics, (b) riders' travel characteristics, and (c) $\mathrm{CO}_{2}$ emissions from cars for riders who said they would use cars, taxis, or app-based services in the absence of buses.

The analysis on riders' demographic characteristics showed that the proportion of riders below age 18 and riders age 65+ is lower than state average, but these results are not surprising. The share of riders below age 18 is lower because a large proportion of them are too young to be using buses. The lower share of riders age 65+ is also consistent with other transit surveys as many older adults do not have the physical ability to use buses. Furthermore, older adults travel far less than younger persons.

A large proportion of riders on most routes are from low-income households. The only exceptions appear to be RT. 414 and Rt. 612 in Burlington County and Rt. 805 in Middlesex/Monmouth County. For many routes, riders with less than \$25,000 annual household income constitute half or more of all riders. Although many surveyed routes serve areas with fairly high income, the riders generally have low incomes. Many are also from households without vehicles. Thus the buses help to provide mobility to a large number of low-income riders.

The survey results showed that a large proportion of riders have no vehicles in their household. Although only about 12\% of households in New Jersey do not have any vehicle, for all but one route, the share of riders without vehicles was higher than the state average. For many routes, the share of vehicle-less riders was four or five times greater than the New Jersey average. For all but two routes, more than half of the riders stated that they had no other means to travel. Furthermore, between 10 and 20 percent of the riders for most routes mentioned that they would not even make the trip if the bus route did not exist. The data collected through the survey shows that the local buses provide an important safety net to less-privileged riders.

Analysis of the socioeconomic data also showed that a large proportion of riders in all four regions within New Jersey are racial or ethnic minorities. For almost all routes, the shares of African American, Hispanic and Asian riders are substantially larger than their respective shares in New Jersey as a whole. Although for some routes, the share of a specific minority group may be lower, the share of all three population groups combined is greater than the state average for all routes even though some routes serve nonminority areas.

A number of key observations can be made from the analysis of riders' travel patterns. First, because of the duration of the survey (6 AM to 4 PM ), a large proportion of the
trips were made from home for all routes. This result is similar in Analysis of Bus Markets (1), the previous phase of the study, which also involved surveys between 6 AM and 4 PM . The largest proportion of riders for most routes stated that they were going to work. For many routes, the share of riders going to colleges or technical institutions for education was high. The high proportion of work and school trips by the buses shows their importance in facilitating important non-discretionary trips. Although the most common destination of the bus riders is work places, many riders also use the buses for personal business and shopping trips.

Second, the analysis of access and egress modes showed that most riders walk to and from the bus stops. However, the analysis of access and egress modes showed that a substantial number of bus riders also use buses on other routes. Riders use NJ TRANSIT train as access/egress mode only for selected bus routes, such as Rt. 612 and Rt. 805-routes that directly connect to commuter train stations. Third, although taking buses five days a week is most common, the analysis of trip frequency showed that the proportion of riders using buses for more than five days a week is also significant for most routes. The high proportion of riders using buses for more than five days a week indicates the importance of buses in facilitating weekend travel.

Fourth, the analysis of ticket types showed that cash/daily tickets and monthly passes are the most common for all routes. Fifth, most riders are highly satisfied with the bus services they use. For every route, the mean and median satisfaction scores are higher than the mid-point of the scale. Yet, the scores vary considerably across the routes. Sixth, a large proportion of riders for almost all routes stated that they use the bus because they have no other way to travel. This indicates that the bus service is highly important for most bus riders to meet their travel needs. Finally, a large share of riders indicated that in the absence of buses they would use an automobile mode, including driving their own cars, carpooling, taking a taxi, or using an app-based service. Similar to Analysis of Local Bus Markets (1), this study shows that a large share of riders would use app-based services in the absence of buses. This may indicate that the emerging app-based services may be highly competitive with buses. Although it is often believed by transportation professionals that the app-based services would help conventional fixed-route transit by providing first- and last-mile service, the survey responses seem to indicate that the app-based services are more likely to be a substitute than a complement to buses.

The analysis of the emissions impact of buses showed that the diversion of riders from buses to automobile would generate a large amount of $\mathrm{CO}_{2}$. The analysis showed, based on one-way trips alone, 6,175 metric tons of $\mathrm{CO}_{2}$ would be generated annually from automobiles if the riders decided to use that mode. It would take almost 1,314 automobiles to operate for a full year to generate that much emission. Considering that 52 to 81 percent of the riders for the surveyed routes mentioned that they take the bus in both directions per day, the total $\mathrm{CO}^{2}$ emissions saved by the buses would be much higher than the estimate provided above.

## Recommendations

The primarily objective of this research was to examine the emissions impact of local bus riders potentially deviating to cars, taxis, or app-based services in the absence of buses. Its secondary objective was to examine the socioeconomic characteristics of the riders and their travel patterns. Based on the results showing significant positive environmental impacts, the promotion of the local bus services can be highly recommended. The promotion of local buses can also be recommended for several other reasons. First, they serve a large proportion of riders who have no other means of travel. Second, local buses serve a large proportion of low-income and minority populations. In that sense, it is beneficial for achieving transportation equity. Third, the surveyed local buses are predominantly used for trips to work - trips that are important and non-discretionary. Fourth, buses on some of the surveyed routes also serve as useful feeder service to NJ TRANSIT trains, thereby helping to increase overall transit ridership.

Since the most significant task of this research was to conduct a large survey of bus riders, a few recommendations can be made for future surveys. First, extending the survey period from 6 AM to 4 PM to 6 AM to 8 or 9 PM could generate data from a more diverse set of riders. Second, since services are provided on many of the surveyed routes during weekends and many riders mentioned using buses six or seven days a week, conducting the survey on Saturdays and Sundays would generate additional important information that can be used for service planning. Third, because of the high cost of conducting surveys onboard every bus trip, NJ TRANSIT can consider conducting surveys on selected trips instead of all trips. However, in order to get appropriate representation of riders, further research would be needed to determine the number of trips to be surveyed for each bus route.

Considering that a very high proportion of riders on almost all routes stated that they would use an app-based service in the absence of buses, attention is needed in future research about the possibility of current transit riders choosing to take app-based services instead of transit. Coordination between app-based service providers and transit service providers to integrate the two types of services could ensure that they continue to be complementary to each other instead of being substitute. Studies have also indicated that one of the reasons for the loss of transit ridership nationwide since 2014 could be the expansion of app-based services in transit-rich areas (4). Thus there is a need to examine the overall effect of app-based services on local buses and other transit modes.

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## APPENDIX A

## RIDER CHARACTERISTICS

This appendix, APPENDIX A, contains detailed tables relating to rider characteristics, whereas APPENDIX B contains detailed tables pertaining to riders' travel characteristics. The results presented in both appendices pertain to all riders surveyed through this study in two time periods, Fall 2017 and Spring 2018. Usable data was collected by the two rounds of surveys from a total of 3,795 bus riders traveling by any of 25 routes. The results presented in both memoranda are weighted results. The weights were generated by following a methodology used by NJ TRANSIT that uses direction of trip, time of day, and ridership volume. In addition to correcting for time of day and direction, the weights inflate the survey respondents to total riders. Thus the data tables show results for weekday daily riders instead of the sample of surveyed riders.

In addition to providing route-specific results, this appendix provides results for some of the routes that were combined because of small volumes of riders and survey respondents. The tables for individual routes are presented first, followed by combined routes. For each individual and combined route, nine tables are presented. Including combined routes, this Memorandum contains a total of 261 tables.

The tables in this appendix are organized by bus market. The routes for each market are shown below. The detailed tables are presented in the same sequence as shown.

Hudson County Group: Rt. 2, Rt. 10, Rt. 88, Rt. 119.
Burlington County Group: Rt. 406. Rt. 414, Rt. 612
Middlesex Monmouth County Group: Rt. 48, Rt. 805, Rt. 830, Rt. 831, Rt. 832, Rt. 834, Rt. 837, and Rt. 838.

Morris County Group: Rt. 871, Rt. 872, Rt. 873, Rt. 874, Rt. 875, Rt. 878, Rt. 880, Rt. 890, Rt. 891, and Rt. 986. In addition, separate tables are provided for these route combinations: Rt. 871_874, Rt. 872_875, Rt. 873_878, Rt. 890_891.

## DATA TABLES

## ROUTE 2

Table 1 - Gender

|  | Male | Female | Total |
| :--- | ---: | ---: | ---: |
| Riders | 1379 | 1249 | 2628 |
| $\%$ | 52.47 | 47.53 | 100.00 |

Table 2 - Age

|  | Under 18 | $18-24$ | $25-34$ | $35-44$ | $45-54$ | $55-61$ | $62-64$ | $65+$ | Total |
| :--- | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| Riders | 42 | 628 | 657 | 536 | 434 | 273 | 94 | 88 | 2752 |
| $\%$ | 1.52 | 22.82 | 23.87 | 19.48 | 15.77 | 9.93 | 3.42 | 3.18 | 100.00 |

Table 3 - Race

|  | White | Black or African <br> American | Asian | American Indian or <br> Alaska Native | Multi- <br> racial | Other | Total |
| :--- | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| Riders | 524 | 975 | 521 | 67 | 203 | 237 | 2528 |
| $\%$ | 20.72 | 38.59 | 20.61 | 2.65 | 8.04 | 9.39 | 100.00 |

Table 4 - Ethnicity

|  | Spanish/Hispanic/Latino | Not Spanish/Hispanic/Latino | Total |
| :--- | ---: | ---: | ---: |
| Riders | 793 | 1497 | 2290 |
| $\%$ | 34.62 | 65.38 | 100.00 |

Table 5 - Household Income

| Income | Riders | $\%$ |
| :--- | ---: | ---: |
| Under $\$ 15,000$ | 695 | 27.49 |
| $\$ 15,000-\$ 24,999$ | 431 | 17.06 |
| $\$ 25,000-\$ 34,999$ | 298 | 11.77 |
| $\$ 35,000-\$ 49,999$ | 458 | 18.12 |
| $\$ 50,000-\$ 74,999$ | 274 | 10.84 |
| $\$ 75,000-\$ 99,999$ | 148 | 5.86 |
| $\$ 100,000-\$ 149,999$ | 137 | 5.41 |
| $\$ 150,000-\$ 199,999$ | 50 | 1.96 |
| $\$ 200,000$ or over | 38 | 1.49 |
| Total | 2529 | 100.00 |

Table 6 - Number of Household Vehicles

|  |  |  | Three or |  |  |
| :--- | ---: | ---: | ---: | ---: | ---: |
|  | None | One | Two | more | Total |
| Riders | 1419 | 782 | 435 | 88 | 2723 |
| $\%$ | 52.10 | 28.70 | 15.97 | 3.24 | 100.00 |


| Table 7 - Occupation |  |  |
| :--- | ---: | ---: |
|  | Riders | $\%$ |
| Management/ Professional | 322 | 12.12 |
| Technical/ Skilled | 427 | 16.07 |
| Clerical/ Secretarial | 160 | 6.02 |
| Not currently employed | 79 | 2.95 |
| Non-Office Worker | 369 | 13.86 |
| Sales/Retail | 244 | 9.17 |
| Retired | 26 | 0.96 |
| Student | 244 | 9.17 |
| Homemaker | 57 | 2.16 |
| Other | 732 | 27.52 |
| Total | 2660 | 100.00 |

Table 8 - Household Size

|  | One | Two | Three | Four | Five | Six or more | Total |
| :--- | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| Riders | 360 | 700 | 633 | 486 | 324 | 198 | 2701 |
| $\%$ | 13.34 | 25.90 | 23.43 | 18.00 | 11.98 | 7.34 | 100.00 |

Table 9 - Disability

|  | Has disability preventing | bus use | Does not have disability <br> preventing bus use |
| :--- | ---: | ---: | ---: |
| Riders | 62 | 2655 | 2717 |
| $\%$ | 2.28 | 97.72 | 100.00 |

## ROUTE 10

Table 10 - Gender

|  | Male | Female | Total |
| :--- | ---: | ---: | ---: |
| Riders | 1203 | 2263 | 3467 |
| $\%$ | 34.71 | 65.29 | 100.00 |

Table 11 - Age

|  | Under 18 | $18-24$ | $25-34$ | $35-44$ | $45-54$ | $55-61$ | $62-64$ | $65+$ | Total |
| :--- | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| Riders | 291 | 1206 | 585 | 449 | 474 | 212 | 95 | 235 | 3546 |
| $\%$ | 8.20 | 34.00 | 16.50 | 12.67 | 13.36 | 5.97 | 2.68 | 6.62 | 100.00 |

Table 12 - Race

|  | White | Black or African American | Asian | American Indian or Alaska Native | Multiracial | Other | Total |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Riders | 918 | 985 | 530 | 43 | 342 | 365 | 3183 |
| \% | 28.86 | 30.94 | 16.65 | 1.35 | 10.74 | 11.46 | 100.00 |

Table 13 - Ethnicity

|  | Spanish/Hispanic/Latino | Not Spanish/Hispanic/Latino | Total |
| :--- | ---: | ---: | ---: |
| Riders | 1116 | 2113 | 3229 |
| $\%$ | 34.55 | 65.45 | 100.00 |

Table 14 - Household Income

| Income | Riders | $\%$ |
| :--- | ---: | ---: |
| Under $\$ 15,000$ | 848 | 28.08 |
| $\$ 15,000-\$ 24,999$ | 535 | 17.72 |
| $\$ 25,000-\$ 34,999$ | 328 | 10.87 |
| $\$ 35,000-\$ 49,999$ | 487 | 16.11 |
| $\$ 50,000-\$ 74,999$ | 374 | 12.36 |
| $\$ 75,000-\$ 99,999$ | 158 | 5.22 |
| $\$ 100,000-\$ 149,999$ | 185 | 6.13 |
| $\$ 150,000-\$ 199,999$ | 77 | 2.55 |
| $\$ 200,000$ or over | 29 | 0.96 |
| Total | 3021 | 100.00 |

Table 15 - Number of Household Vehicles

|  |  |  | Three or |  |  |
| :--- | ---: | ---: | ---: | ---: | ---: |
|  | None | One | Two | more | Total |
| Riders | 1404 | 1128 | 713 | 259 | 3504 |
| $\%$ | 40.07 | 32.18 | 20.36 | 7.38 | 100.00 |

## Table 16 - Occupation

|  | Riders | $\%$ |
| :--- | ---: | ---: |
| Management/ Professional | 389 | 11.27 |
| Technical/ Skilled | 197 | 5.72 |
| Clerical/ Secretarial | 234 | 6.79 |
| Not currently employed | 301 | 8.74 |
| Non-Office Worker | 276 | 7.99 |
| Sales/Retail | 253 | 7.34 |
| Retired | 168 | 4.88 |
| Student | 1004 | 29.12 |
| Homemaker | 126 | 3.65 |
| Other | 500 | 14.51 |
| Total | 3448 | 100.00 |

Table 17 - Household Size

|  | One | Two | Three | Four | Five | Six or more | Total |
| :--- | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| Riders | 387 | 761 | 770 | 700 | 501 | 393 | 3512 |
| $\%$ | 11.03 | 21.66 | 21.93 | 19.94 | 14.26 | 11.18 | 100.00 |

Table 18 - Disability

|  | Has disability preventing | Does not have disability |  |
| :--- | ---: | ---: | ---: |
|  | bus use | preventing bus use | Total |
| Riders | 136 | 3357 | 3493 |
| $\%$ | 3.89 | 96.11 | 100.00 |

## ROUTE 88

Table 19 - Gender

|  | Male | Female | Total |
| :--- | ---: | ---: | ---: |
| Riders | 995 | 1379 | 2375 |
| $\%$ | 41.91 | 58.09 | 100.00 |

Table 20 - Age

|  | Under 18 | $18-24$ | $25-34$ | $35-44$ | $45-54$ | $55-61$ | $62-64$ | $65+$ | Total |
| :--- | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| Riders | 143 | 608 | 506 | 380 | 415 | 202 | 95 | 197 | 2546 |
| $\%$ | 5.61 | 23.90 | 19.87 | 14.93 | 16.31 | 7.92 | 3.74 | 7.73 | 100.00 |

Table 21 - Race

|  |  |  |  |  |  |  |  |
| :--- | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
|  | White | Black or African <br> American | Asian | American Indian or <br> Alaska Native | Multi- <br> racial | Other | Total |
| Riders | 709 | 271 | 455 | 38 | 238 | 380 | 2093 |
| $\%$ | 33.90 | 12.97 | 21.76 | 1.83 | 11.39 | 18.14 | 100.00 |

Table 22 - Ethnicity

|  | Spanish/Hispanic/Latino | Not Spanish/Hispanic/Latino | Total |
| :--- | ---: | ---: | ---: |
| Riders | 1388 | 963 | 2351 |
| $\%$ | 59.05 | 40.95 | 100.00 |

Table 23 - Household Income

| Income | Riders | $\%$ |
| :--- | ---: | ---: |
| Under $\$ 15,000$ | 790 | 36.24 |
| $\$ 15,000-\$ 24,999$ | 392 | 18.01 |
| $\$ 25,000-\$ 34,999$ | 279 | 12.82 |
| $\$ 35,000-\$ 49,999$ | 343 | 15.75 |
| $\$ 50,000-\$ 74,999$ | 194 | 8.91 |
| $\$ 75,000-\$ 99,999$ | 89 | 4.10 |
| $\$ 100,000-\$ 149,999$ | 53 | 2.41 |
| $\$ 150,000-\$ 199,999$ | 13 | 0.62 |
| $\$ 200,000$ or over | 25 | 1.15 |
| Total | 2179 | 100.00 |

Table 24 - Number of Household Vehicles

|  |  |  | Three or |  |  |
| :--- | ---: | ---: | ---: | ---: | ---: |
|  | None | One | Two | more | Total |
| Riders | 1241 | 857 | 289 | 102 | 2489 |
| $\%$ | 49.87 | 34.44 | 11.59 | 4.10 | 100.00 |

## Table 25 - Occupation

|  | Riders | $\%$ |
| :--- | ---: | ---: |
| Management/ Professional | 291 | 11.42 |
| Technical/ Skilled | 141 | 5.54 |
| Clerical/ Secretarial | 130 | 5.10 |
| Not currently employed | 212 | 8.32 |
| Non-Office Worker | 213 | 8.35 |
| Sales/Retail | 209 | 8.22 |
| Retired | 160 | 6.29 |
| Student | 628 | 24.64 |
| Homemaker | 113 | 4.45 |
| Other | 450 | 17.67 |
| Total | 2548 | 100.00 |

Table 26 - Household Size

|  | One | Two | Three | Four | Five | Six or more | Total |
| :--- | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| Riders | 324 | 544 | 592 | 468 | 335 | 210 | 2474 |
| $\%$ | 13.10 | 22.01 | 23.94 | 18.92 | 13.55 | 8.49 | 100.00 |

Table 27 - Disability

|  | Has disability preventing |
| :--- | ---: | ---: | ---: |
| bus use |  |$\quad$| Does not have disability |
| ---: |
| preventing bus use |$\quad$ Total |  | 141 | 2317 | 2458 |
| :--- | ---: | ---: | ---: |
| Riders | 5.74 | 94.26 | 100.00 |

ROUTE 119

Table 28 - Gender

|  | Male | Female | Total |
| :--- | ---: | ---: | ---: |
| Riders | 1549 | 1871 | 3420 |
| $\%$ | 45.29 | 54.71 | 100.00 |

Table 29 - Age

|  | Under 18 | $18-24$ | $25-34$ | $35-44$ | $45-54$ | $55-61$ | $62-64$ | $65+$ | Total |
| :--- | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| Riders | 157 | 583 | 978 | 710 | 595 | 333 | 102 | 256 | 3714 |
| $\%$ | 4.21 | 15.71 | 26.34 | 19.12 | 16.02 | 8.95 | 2.74 | 6.90 | 100.00 |

Table 30 - Race

|  |  |  |  |  |  |  |  |
| :--- | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
|  | White | Black or African <br> American | Asian | American Indian or <br> Alaska Native | Multi- <br> racial | Other | Total |
| Riders | 1052 | 567 | 919 | 27 | 248 | 452 | 3265 |
| $\%$ | 32.22 | 17.36 | 28.16 | 0.81 | 7.61 | 13.84 | 100.00 |

Table 31 - Ethnicity

|  | Spanish/Hispanic/Latino | Not Spanish/Hispanic/Latino | Total |
| :--- | ---: | ---: | ---: |
| Riders | 1053 | 2317 | 3370 |
| $\%$ | 31.25 | 68.75 | 100.00 |

Table 32 - Household Income

| Income | Riders | $\%$ |
| :--- | ---: | ---: |
| Under $\$ 15,000$ | 659 | 20.82 |
| $\$ 15,000-\$ 24,999$ | 331 | 10.46 |
| $\$ 25,000-\$ 34,999$ | 201 | 6.34 |
| $\$ 35,000-\$ 49,999$ | 540 | 17.05 |
| $\$ 50,000-\$ 74,999$ | 494 | 15.61 |
| $\$ 75,000-\$ 99,999$ | 416 | 13.14 |
| $\$ 100,000-\$ 149,999$ | 345 | 10.89 |
| $\$ 150,000-\$ 199,999$ | 116 | 3.67 |
| $\$ 200,000$ or over | 64 | 2.01 |
| Total | 3165 | 100.00 |

Table 33 - Number of Household Vehicles

|  |  |  | Three or |  |  |
| :--- | ---: | ---: | ---: | ---: | ---: |
|  | None | One | Two | more | Total |
| Riders | 1578 | 1363 | 578 | 131 | 3650 |
| $\%$ | 43.23 | 37.34 | 15.85 | 3.58 | 100.00 |

Table 34 - Occupation

|  | Riders | $\%$ |
| :--- | ---: | ---: |
| Management/ Professional | 814 | 22.28 |
| Technical/ Skilled | 438 | 11.97 |
| Clerical/ Secretarial | 197 | 5.39 |
| Not currently employed | 189 | 5.18 |
| Non-Office Worker | 158 | 4.34 |
| Sales/Retail | 261 | 7.15 |
| Retired | 190 | 5.19 |
| Student | 560 | 15.34 |
| Homemaker | 117 | 3.20 |
| Other | 729 | 19.95 |
| Total | 3654 | 100.00 |

Table 35 - Household Size

|  | One | Two | Three | Four | Five | Six or more | Total |
| :--- | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| Riders | 570 | 892 | 829 | 739 | 376 | 166 | 3573 |
| $\%$ | 15.96 | 24.97 | 23.21 | 20.68 | 10.52 | 4.66 | 100.00 |

Table 36 - Disability

|  | Has disability preventing |
| :--- | ---: | ---: | ---: |
| bus use |  |$\quad$| Does not have disability |
| ---: |
| preventing bus use |$\quad$ Total | 3670 |  |  |
| :--- | ---: | ---: |
| Riders | 54 | 3616 |
| $\%$ | 1.48 | 98.52 |

## ROUTE 406

Table 37 - Gender

|  | Male | Female | Total |
| :--- | ---: | ---: | ---: |
| Riders | 577 | 700 | 1277 |
| $\%$ | 45.19 | 54.81 | 100.00 |

Table 38 - Age

|  | Under 18 | $18-24$ | $25-34$ | $35-44$ | $45-54$ | $55-61$ | $62-64$ | $65+$ | Total |
| :--- | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| Riders | 17 | 164 | 367 | 284 | 212 | 209 | 43 | 78 | 1374 |
| $\%$ | 1.27 | 11.92 | 26.71 | 20.68 | 15.40 | 15.20 | 3.16 | 5.65 | 100.00 |

Table 39 - Race

|  |  |  |  |  |  |  |  |
| :--- | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
|  | White | Black or African <br> American | Asian | American Indian or <br> Alaska Native | Multi- <br> racial | Other | Total |
| Riders | 229 | 750 | 55 | 26 | 85 | 71 | 1218 |
| $\%$ | 18.82 | 61.60 | 4.54 | 2.17 | 7.02 | 5.85 | 100.00 |

Table 40 - Ethnicity

|  | Spanish/Hispanic/Latino | Not Spanish/Hispanic/Latino | Total |
| :--- | ---: | ---: | ---: |
| Riders | 247 | 871 | 1118 |
| $\%$ | 22.05 | 77.95 | 100.00 |

Table 41 - Household Income

| Income | Riders | $\%$ |
| :--- | ---: | ---: |
| Under $\$ 15,000$ | 385 | 32.54 |
| $\$ 15,000-\$ 24,999$ | 285 | 24.01 |
| $\$ 25,000-\$ 34,999$ | 165 | 13.91 |
| $\$ 35,000-\$ 49,999$ | 166 | 13.99 |
| $\$ 50,000-\$ 74,999$ | 95 | 8.04 |
| $\$ 75,000-\$ 99,999$ | 29 | 2.44 |
| $\$ 100,000-\$ 149,999$ | 34 | 2.88 |
| $\$ 150,000-\$ 199,999$ | 13 | 1.13 |
| $\$ 200,000$ or over | 13 | 1.06 |
| Total | 1185 | 100.00 |

Table 42 - Number of Household Vehicles

|  |  |  | Three or |  |  |
| :--- | ---: | ---: | ---: | ---: | ---: |
|  | None | One | Two | more | Total |
| Riders | 685 | 404 | 209 | 49 | 1347 |
| $\%$ | 50.82 | 30.01 | 15.52 | 3.65 | 100.00 |

## Table 43 - Occupation

|  | Riders | $\%$ |
| :--- | ---: | ---: |
| Management/ Professional | 143 | 10.82 |
| Technical/ Skilled | 140 | 10.56 |
| Clerical/ Secretarial | 79 | 6.00 |
| Not currently employed | 92 | 6.94 |
| Non-Office Worker | 116 | 8.80 |
| Sales/Retail | 174 | 13.17 |
| Retired | 60 | 4.50 |
| Student | 94 | 7.08 |
| Homemaker | 13 | 0.99 |
| Other | 412 | 31.16 |
| Total | 1323 | 100.00 |

Table 44 - Household Size

|  | One | Two | Three | Four | Five | Six or more | Total |
| :--- | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| Riders | 219 | 321 | 286 | 292 | 113 | 102 | 1333 |
| $\%$ | 16.43 | 24.05 | 21.44 | 21.92 | 8.51 | 7.64 | 100.00 |

Table 45 - Disability

|  | Has disability preventing |
| :--- | ---: | ---: | ---: |
| bus use |  |$\quad$| Does not have disability |
| ---: |
| preventing bus use |$\quad$ Total | 1259 | 1333 |  |
| :--- | ---: | ---: |
| Riders | 74 | 94.46 |
| $\%$ | 5.54 | 100.00 |

## ROUTE 414

Table 46 - Gender

|  | Male | Female | Total |
| :--- | ---: | ---: | ---: |
| Riders | 17 | 37 | 55 |
| $\%$ | 31.82 | 68.18 | 100.00 |

Table 47 - Age

|  | Under 18 | $18-24$ | $25-34$ | $35-44$ | $45-54$ | $55-61$ | $62-64$ | $65+$ | Total |
| :--- | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| Riders | 0 | 5 | 5 | 12 | 10 | 12 | 5 | 5 | 55 |
| $\%$ | 0.00 | 9.09 | 9.09 | 22.73 | 18.18 | 22.73 | 9.09 | 9.09 | 100.00 |

Table 48 - Race

|  | White | Black or African <br> American | Asian | American Indian or <br> Alaska Native | Multi- <br> racial | Other | Total |
| :--- | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| Riders | 32 | 10 | 7 | 0 | 0 | 5 | 55 |
| $\%$ | 59.09 | 18.18 | 13.64 | 0.00 | 0.00 | 9.09 | 100.00 |

Table 49 - Ethnicity

|  | Spanish/Hispanic/Latino | Not Spanish/Hispanic/Latino | Total |
| :--- | ---: | ---: | ---: |
| Riders | 5 | 47 | 52 |
| $\%$ | 9.52 | 90.48 | 100.00 |

Table 50 - Household Income

| Income | Riders | $\%$ |
| :--- | ---: | ---: |
| Under $\$ 15,000$ | 2 | 5.00 |
| $\$ 15,000-\$ 24,999$ | 2 | 5.00 |
| $\$ 25,000-\$ 34,999$ | 5 | 10.00 |
| $\$ 35,000-\$ 49,999$ | 5 | 10.00 |
| $\$ 50,000-\$ 74,999$ | 22 | 45.00 |
| $\$ 75,000-\$ 99,999$ | 5 | 10.00 |
| $\$ 100,000-\$ 149,999$ | 5 | 10.00 |
| $\$ 150,000-\$ 199,999$ | 2 | 5.00 |
| $\$ 200,000$ or over | 0 | 0.00 |
| Total | 50 | 100.00 |

Table 51 - Number of Household Vehicles

|  |  |  | Three or |  |  |
| :--- | ---: | ---: | ---: | ---: | ---: |
|  | None | One | Two | more | Total |
| Riders | 10 | 22 | 17 | 5 | 55 |
| $\%$ | 18.18 | 40.91 | 31.82 | 9.09 | 100.00 |

## Table 52 - Occupation

|  | Riders | $\%$ |
| :--- | ---: | ---: |
| Management/ Professional | 15 | 27.27 |
| Technical/ Skilled | 17 | 31.82 |
| Clerical/ Secretarial | 12 | 22.73 |
| Not currently employed | 0 | 0.00 |
| Non-Office Worker | 0 | 0.00 |
| Sales/Retail | 0 | 0.00 |
| Retired | 0 | 0.00 |
| Student | 0 | 0.00 |
| Homemaker | 0 | 0.00 |
| Other | 10 | 18.18 |
| Total | 55 | 100.00 |

Table 53 - Household Size

|  | One | Two | Three | Four | Five | Six or more | Total |
| :--- | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| Riders | 7 | 20 | 12 | 0 | 7 | 7 | 55 |
| $\%$ | 13.64 | 36.36 | 22.73 | 0.00 | 13.64 | 13.64 | 100.00 |

Table 54 - Disability

|  | Has disability preventing <br> bus use | Does not have disability <br> preventing bus use | Total |
| :--- | ---: | ---: | ---: |
| Riders | 2 | 52 | 55 |
| $\%$ | 4.55 | 95.45 | 100.00 |

## ROUTE 612

Table 55 - Gender

|  | Male | Female | Total |
| :--- | ---: | ---: | ---: |
| Riders | 33 | 18 | 51 |
| $\%$ | 65.22 | 34.78 | 100.00 |

Table 56 - Age

|  | Under 18 | $18-24$ | $25-34$ | $35-44$ | $45-54$ | $55-61$ | $62-64$ | $65+$ | Total |
| :--- | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| Riders | 0 | 4 | 18 | 22 | 2 | 2 | 0 | 2 | 51 |
| $\%$ | 0.00 | 8.70 | 34.78 | 43.48 | 4.35 | 4.35 | 0.00 | 4.35 | 100.00 |

Table 57 - Race

|  |  |  |  |  |  |  |  |
| :--- | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
|  | White | Black or African <br> American | Asian | American Indian or <br> Alaska Native | Multi- <br> racial | Other | Total |
| Riders | 9 | 2 | 31 | 0 | 2 | 0 | 44 |
| $\%$ | 20.00 | 5.00 | 70.00 | 0.00 | 5.00 | 0.00 | 100.00 |

Table 58 - Ethnicity

|  | Spanish/Hispanic/Latino | Not Spanish/Hispanic/Latino | Total |
| :--- | ---: | ---: | ---: |
| Riders | 0 | 47 | 47 |
| $\%$ | 0.00 | 100.00 | 100.00 |

Table 59 - Household Income

| Income | Riders | $\%$ |
| :--- | ---: | ---: |
| Under $\$ 15,000$ | 2 | 5.56 |
| $\$ 15,000-\$ 24,999$ | 0 | 0.00 |
| $\$ 25,000-\$ 34,999$ | 2 | 5.56 |
| $\$ 35,000-\$ 49,999$ | 2 | 5.56 |
| $\$ 50,000-\$ 74,999$ | 11 | 27.78 |
| $\$ 75,000-\$ 99,999$ | 11 | 27.78 |
| $\$ 100,000-\$ 149,999$ | 4 | 11.11 |
| $\$ 150,000-\$ 199,999$ | 0 | 0.00 |
| $\$ 200,000$ or over | 7 | 16.67 |
| Total | 40 | 100.00 |

Table 60 - Number of Household Vehicles

|  |  |  | Three or |  |  |
| :--- | ---: | ---: | ---: | ---: | ---: |
|  | None | One | Two | more | Total |
| Riders | 11 | 31 | 7 | 0 | 49 |
| $\%$ | 22.73 | 63.64 | 13.64 | 0.00 | 100.00 |

## Table 61 - Occupation

|  | Riders | $\%$ |
| :--- | ---: | ---: |
| Management/ Professional | 18 | 38.10 |
| Technical/ Skilled | 16 | 33.33 |
| Clerical/ Secretarial | 2 | 4.76 |
| Not currently employed | 2 | 4.76 |
| Non-Office Worker | 2 | 4.76 |
| Sales/Retail | 4 | 9.52 |
| Retired | 0 | 0.00 |
| Student | 0 | 0.00 |
| Homemaker | 0 | 0.00 |
| Other | 2 | 4.76 |
| Total | 47 | 100.00 |

Table 62 - Household Size

|  | One | Two | Three | Four | Five | Six or more | Total |
| :--- | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| Riders | 4 | 20 | 9 | 13 | 0 | 2 | 49 |
| $\%$ | 9.09 | 40.91 | 18.18 | 27.27 | 0.00 | 4.55 | 100.00 |

Table 63 - Disability

|  | Has disability preventing <br> bus use | Does not have disability <br> preventing bus use | Total |
| :--- | ---: | ---: | ---: |
| Riders | 0 | 47 | 47 |
| $\%$ | 0.00 | 100.00 | 100.00 |

## ROUTE 48

Table 64 - Gender

|  | Male | Female | Total |
| :--- | ---: | ---: | ---: |
| Riders | 900 | 940 | 1840 |
| $\%$ | 48.89 | 51.11 | 100.00 |

Table 65 - Age

|  | Under 18 | $18-24$ | $25-34$ | $35-44$ | $45-54$ | $55-61$ | $62-64$ | $65+$ | Total |
| :--- | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| Riders | 49 | 301 | 374 | 294 | 391 | 269 | 131 | 185 | 1993 |
| $\%$ | 2.47 | 15.10 | 18.74 | 14.77 | 19.60 | 13.48 | 6.55 | 9.28 | 100.00 |

Table 66 - Race

|  |  |  |  |  |  |  |  |
| :--- | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
|  | White | Black or African <br> American | Asian | American Indian or <br> Alaska Native | Multi- <br> racial | Other | Total |
| Riders | 435 | 831 | 272 | 18 | 135 | 94 | 1785 |
| $\%$ | 24.39 | 46.56 | 15.26 | 1.02 | 7.54 | 5.24 | 100.00 |

Table 67 - Ethnicity

|  | Spanish/Hispanic/Latino | Not Spanish/Hispanic/Latino | Total |
| :--- | ---: | ---: | ---: |
| Riders | 511 | 1216 | 1727 |
| $\%$ | 29.61 | 70.39 | 100.00 |

Table 68 - Household Income

| Income | Riders | $\%$ |
| :--- | ---: | ---: |
| Under $\$ 15,000$ | 572 | 30.92 |
| $\$ 15,000-\$ 24,999$ | 406 | 21.94 |
| $\$ 25,000-\$ 34,999$ | 169 | 9.14 |
| $\$ 35,000-\$ 49,999$ | 309 | 16.73 |
| $\$ 50,000-\$ 74,999$ | 165 | 8.93 |
| $\$ 75,000-\$ 99,999$ | 94 | 5.08 |
| $\$ 100,000-\$ 149,999$ | 91 | 4.92 |
| $\$ 150,000-\$ 199,999$ | 23 | 1.25 |
| $\$ 200,000$ or over | 20 | 1.08 |
| Total | 1849 | 100.00 |

Table 69 - Number of Household Vehicles

|  |  | Three or |  |  |  |
| :--- | ---: | ---: | ---: | ---: | ---: |
|  | None | One | Two | more | Total |
| Riders | 723 | 745 | 326 | 154 | 1947 |
| $\%$ | 37.10 | 38.26 | 16.74 | 7.90 | 100.00 |

Table 70 - Occupation

|  | Riders | $\%$ |
| :--- | ---: | ---: |
| Management/ Professional | 149 | 7.77 |
| Technical/ Skilled | 201 | 10.52 |
| Clerical/ Secretarial | 120 | 6.27 |
| Not currently employed | 201 | 10.48 |
| Non-Office Worker | 184 | 9.59 |
| Sales/Retail | 252 | 13.19 |
| Retired | 178 | 9.31 |
| Student | 219 | 11.45 |
| Homemaker | 42 | 2.20 |
| Other | 368 | 19.22 |
| Total | 1914 | 100.00 |

Table 71 - Household Size

|  | One | Two | Three | Four | Five | Six or more | Total |
| :--- | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| Riders | 235 | 414 | 509 | 325 | 301 | 167 | 1952 |
| $\%$ | 12.06 | 21.22 | 26.09 | 16.65 | 15.43 | 8.55 | 100.00 |

Table 72 - Disability

|  | Has disability preventing |
| :--- | ---: | ---: | ---: |
| bus use |  |$\quad$| Does not have disability |
| ---: |
| preventing bus use |$\quad$ Total | 1821 | 1917 |  |
| :--- | ---: | ---: |
| Riders | 96 | 95.01 |
| $\%$ | 4.99 | 100.00 |

## ROUTE 805

Table 73 - Gender

|  | Male | Female | Total |
| :--- | ---: | ---: | ---: |
| Riders | 212 | 91 | 304 |
| $\%$ | 69.92 | 30.08 | 100.00 |

Table 74 - Age

|  | Under 18 | $18-24$ | $25-34$ | $35-44$ | $45-54$ | $55-61$ | $62-64$ | $65+$ | Total |
| :--- | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| Riders | 0 | 22 | 133 | 96 | 25 | 17 | 0 | 2 | 295 |
| $\%$ | 0.00 | 7.46 | 45.08 | 32.54 | 8.47 | 5.76 | 0.00 | 0.68 | 100.00 |

Table 75 - Race

|  |  |  |  |  |  |  |  |
| :--- | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
|  | White | Black or African <br> American | Asian | American Indian or <br> Alaska Native | Multi- <br> racial | Other | Total |
| Riders | 52 | 7 | 212 | 7 | 7 | 7 | 292 |
| $\%$ | 17.81 | 2.40 | 72.60 | 2.40 | 2.40 | 2.40 | 100.00 |

Table 76 - Ethnicity

|  | Spanish/Hispanic/Latino | Not Spanish/Hispanic/Latino | Total |
| :--- | ---: | ---: | ---: |
| Riders | 22 | 257 | 279 |
| $\%$ | 7.89 | 92.11 | 100.00 |

Table 77 - Household Income

| Income | Riders | $\%$ |
| :--- | ---: | ---: |
| Under $\$ 15,000$ | 0 | 0.00 |
| $\$ 15,000-\$ 24,999$ | 0 | 0.00 |
| $\$ 25,000-\$ 34,999$ | 15 | 5.70 |
| $\$ 35,000-\$ 49,999$ | 10 | 3.80 |
| $\$ 50,000-\$ 74,999$ | 59 | 22.43 |
| $\$ 75,000-\$ 99,999$ | 59 | 22.43 |
| $\$ 100,000-\$ 149,999$ | 106 | 40.30 |
| $\$ 150,000-\$ 199,999$ | 7 | 2.66 |
| $\$ 200,000$ or over | 7 | 2.66 |
| Total | 263 | 100.00 |

Table 78 - Number of Household Vehicles

|  |  |  | Three or |  |  |
| :--- | ---: | ---: | ---: | ---: | ---: |
|  | None | One | Two | more | Total |
| Riders | 22 | 230 | 30 | 15 | 297 |
| $\%$ | 7.41 | 77.44 | 10.10 | 5.05 | 100.00 |

## Table 79 - Occupation

|  | Riders | $\%$ |
| :--- | ---: | ---: |
| Management/ Professional | 96 | 32.76 |
| Technical/ Skilled | 128 | 43.69 |
| Clerical/ Secretarial | 0 | 0.00 |
| Not currently employed | 0 | 0.00 |
| Non-Office Worker | 15 | 5.12 |
| Sales/Retail | 7 | 2.39 |
| Retired | 0 | 0.00 |
| Student | 0 | 0.00 |
| Homemaker | 0 | 0.00 |
| Other | 47 | 16.04 |
| Total | 293 | 100.00 |

Table 80 - Household Size

|  | One | Two | Three | Four | Five | Six or more | Total |
| :--- | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| Riders | 30 | 79 | 104 | 62 | 7 | 7 | 289 |
| $\%$ | 10.38 | 27.34 | 35.99 | 21.45 | 2.42 | 2.42 | 100.00 |

Table 81 - Disability

|  | Has disability preventing <br> bus use | Does not have disability <br> preventing bus use | Total |
| :--- | ---: | ---: | ---: |
| Riders | 0 | 296 | 296 |
| $\%$ | 0.00 | 100.00 | 100.00 |

## ROUTE 830

Table 82 - Gender

|  | Male | Female | Total |
| :--- | ---: | ---: | ---: |
| Riders | 126 | 138 | 264 |
| $\%$ | 47.82 | 52.18 | 100.00 |

Table 83 - Age

|  | Under 18 | $18-24$ | $25-34$ | $35-44$ | $45-54$ | $55-61$ | $62-64$ | $65+$ | Total |
| :--- | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| Riders | 16 | 9 | 50 | 48 | 85 | 37 | 23 | 14 | 282 |
| $\%$ | 5.68 | 3.25 | 17.89 | 17.09 | 30.07 | 13.02 | 8.13 | 4.88 | 100.00 |

Table 84 - Race

|  | White | Black or African <br> American | Asian | American Indian or <br> Alaska Native | Multi- <br> racial | Other | Total |
| :--- | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| Riders | 160 | 28 | 0 | 0 | 0 | 53 | 241 |
| $\%$ | 66.64 | 11.47 | 0.00 | 0.00 | 0.00 | 21.88 | 100.00 |

Table 85 - Ethnicity

|  | Spanish/Hispanic/Latino | Not Spanish/Hispanic/Latino | Total |
| :--- | ---: | ---: | ---: |
| Riders | 126 | 133 | 259 |
| $\%$ | 48.65 | 51.35 | 100.00 |

Table 86 - Household Income

| Income | Riders | $\%$ |
| :--- | ---: | ---: |
| Under $\$ 15,000$ | 64 | 27.71 |
| $\$ 15,000-\$ 24,999$ | 39 | 16.82 |
| $\$ 25,000-\$ 34,999$ | 64 | 27.78 |
| $\$ 35,000-\$ 49,999$ | 25 | 10.88 |
| $\$ 50,000-\$ 74,999$ | 23 | 9.90 |
| $\$ 75,000-\$ 99,999$ | 16 | 6.92 |
| $\$ 100,000-\$ 149,999$ | 0 | 0.00 |
| $\$ 150,000-\$ 199,999$ | 0 | 0.00 |
| $\$ 200,000$ or over | 0 | 0.00 |
| Total | 232 | 100.00 |

Table 87 - Number of Household Vehicles

|  |  |  | Three or |  |  |
| :--- | ---: | ---: | ---: | ---: | ---: |
|  | None | One | Two | more | Total |
| Riders | 151 | 101 | 30 | 0 | 282 |
| $\%$ | 53.67 | 35.77 | 10.56 | 0.00 | 100.00 |

## Table 88 - Occupation

|  | Riders | $\%$ |
| :--- | ---: | ---: |
| Management/ Professional | 0 | 0.00 |
| Technical/ Skilled | 30 | 10.82 |
| Clerical/ Secretarial | 16 | 5.82 |
| Not currently employed | 0 | 0.00 |
| Non-Office Worker | 89 | 32.52 |
| Sales/Retail | 39 | 14.15 |
| Retired | 0 | 0.00 |
| Student | 16 | 5.82 |
| Homemaker | 18 | 6.66 |
| Other | 67 | 24.19 |
| Total | 275 | 100.00 |

Table 89 - Household Size

|  | One | Two | Three | Four | Five | Six or more | Total |
| :--- | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| Riders | 53 | 50 | 57 | 71 | 18 | 16 | 266 |
| $\%$ | 19.85 | 18.97 | 21.53 | 26.73 | 6.89 | 6.02 | 100.00 |

Table 90 - Disability

|  | Has disability preventing <br> bus use | Does not have disability <br> preventing bus use | Total |
| :--- | ---: | ---: | ---: |
| Riders | 0 | 282 | 282 |
| $\%$ | 0.00 | 100.00 | 100.00 |

## ROUTE 831

Table 91 - Gender

|  | Male | Female | Total |
| :--- | ---: | ---: | ---: |
| Riders | 133 | 195 | 329 |
| $\%$ | 40.58 | 59.42 | 100.00 |

Table 92 - Age

|  | Under 18 | $18-24$ | $25-34$ | $35-44$ | $45-54$ | $55-61$ | $62-64$ | $65+$ | Total |
| :--- | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| Riders | 0 | 28 | 73 | 70 | 93 | 31 | 17 | 43 | 354 |
| $\%$ | 0.00 | 7.84 | 20.66 | 19.64 | 26.13 | 8.62 | 4.87 | 12.25 | 100.00 |

Table 93 - Race

|  | White | Black or African <br> American | Asian | American Indian or <br> Alaska Native | Multi- <br> racial | Other | Total |
| :--- | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| Riders | 104 | 96 | 0 | 0 | 23 | 32 | 254 |
| $\%$ | 40.87 | 37.77 | 0.00 | 0.00 | 8.86 | 12.50 | 100.00 |

Table 94 - Ethnicity

|  | Spanish/Hispanic/Latino | Not Spanish/Hispanic/Latino | Total |
| :--- | ---: | ---: | ---: |
| Riders | 137 | 170 | 307 |
| $\%$ | 44.60 | 55.40 | 100.00 |

Table 95 - Household Income

| Income | Riders | $\%$ |
| :--- | ---: | ---: |
| Under $\$ 15,000$ | 120 | 39.04 |
| $\$ 15,000-\$ 24,999$ | 40 | 12.96 |
| $\$ 25,000-\$ 34,999$ | 43 | 14.10 |
| $\$ 35,000-\$ 49,999$ | 62 | 19.98 |
| $\$ 50,000-\$ 74,999$ | 31 | 10.03 |
| $\$ 75,000-\$ 99,999$ | 0 | 0.00 |
| $\$ 100,000-\$ 149,999$ | 8 | 2.48 |
| $\$ 150,000-\$ 199,999$ | 4 | 1.42 |
| $\$ 200,000$ or over | 0 | 0.00 |
| Total | 308 | 100.00 |

Table 96 - Number of Household Vehicles

|  |  |  | Three or |  |  |
| :--- | ---: | ---: | ---: | ---: | ---: |
|  | None | One | Two | more | Total |
| Riders | 220 | 103 | 18 | 8 | 349 |
| $\%$ | 63.19 | 29.42 | 5.20 | 2.18 | 100.00 |

Table 97 - Occupation

|  | Riders | \% |
| :--- | ---: | ---: |
| Management/ Professional | 19 | 5.73 |
| Technical/ Skilled | 21 | 6.34 |
| Clerical/ Secretarial | 10 | 2.93 |
| Not currently employed | 15 | 4.52 |
| Non-Office Worker | 53 | 15.98 |
| Sales/Retail | 80 | 24.32 |
| Retired | 15 | 4.63 |
| Student | 0 | 0.00 |
| Homemaker | 28 | 8.54 |
| Other | 89 | 27.00 |
| Total | 329 | 100.00 |

Table 98 - Household Size

|  | One | Two | Three | Four | Five | Six or more | Total |
| :--- | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| Riders | 113 | 86 | 69 | 52 | 22 | 13 | 354 |
| $\%$ | 31.88 | 24.19 | 19.49 | 14.65 | 6.14 | 3.64 | 100.00 |

Table 99 - Disability

|  | Has disability preventing <br> bus use | Does not have disability <br> preventing bus use | Total |
| :--- | ---: | ---: | ---: |
| Riders | 23 | 313 | 336 |
| $\%$ | 6.70 | 93.30 | 100.00 |

## ROUTE 832

Table 100 - Gender

|  | Male | Female | Total |
| :--- | ---: | ---: | ---: |
| Riders | 317 | 375 | 692 |
| $\%$ | 45.80 | 54.20 | 100.00 |

Table 101 - Age

|  | Under 18 | $18-24$ | $25-34$ | $35-44$ | $45-54$ | $55-61$ | $62-64$ | $65+$ | Total |
| :--- | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| Riders | 56 | 226 | 113 | 80 | 60 | 84 | 49 | 62 | 730 |
| $\%$ | 7.63 | 30.97 | 15.55 | 10.92 | 8.26 | 11.48 | 6.66 | 8.52 | 100.00 |

Table 102 - Race

|  |  |  |  |  |  |  |  |
| :--- | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
|  | White | Black or African <br> American | Asian | American Indian or <br> Alaska Native | Multi- <br> racial | Other | Total |
| Riders | 220 | 286 | 29 | 4 | 46 | 31 | 618 |
| $\%$ | 35.67 | 46.39 | 4.64 | 0.72 | 7.51 | 5.07 | 100.00 |

Table 103 - Ethnicity

|  | Spanish/Hispanic/Latino | Not Spanish/Hispanic/Latino | Total |
| :--- | ---: | ---: | ---: |
| Riders | 223 | 441 | 665 |
| $\%$ | 33.61 | 66.39 | 100.00 |

Table 104 - Household Income

| Income | Riders | $\%$ |
| :--- | ---: | ---: |
| Under $\$ 15,000$ | 253 | 38.31 |
| $\$ 15,000-\$ 24,999$ | 133 | 20.08 |
| $\$ 25,000-\$ 34,999$ | 86 | 13.08 |
| $\$ 35,000-\$ 49,999$ | 91 | 13.78 |
| $\$ 50,000-\$ 74,999$ | 62 | 9.37 |
| $\$ 75,000-\$ 99,999$ | 22 | 3.38 |
| $\$ 100,000-\$ 149,999$ | 0 | 0.00 |
| $\$ 150,000-\$ 199,999$ | 4 | 0.67 |
| $\$ 200,000$ or over | 9 | 1.32 |
| Total | 661 | 100.00 |

Table 105 - Number of Household Vehicles

|  |  |  | Three or |  |  |
| :--- | ---: | ---: | ---: | ---: | ---: |
|  | None | One | Two | more | Total |
| Riders | 353 | 204 | 109 | 49 | 714 |
| $\%$ | 49.37 | 28.49 | 15.24 | 6.91 | 100.00 |

Table 106 - Occupation

|  | Riders | $\%$ |
| :--- | ---: | ---: |
| Management/ Professional | 35 | 4.63 |
| Technical/ Skilled | 67 | 8.76 |
| Clerical/ Secretarial | 9 | 1.16 |
| Not currently employed | 42 | 5.52 |
| Non-Office Worker | 35 | 4.64 |
| Sales/Retail | 188 | 24.68 |
| Retired | 73 | 9.62 |
| Student | 187 | 24.47 |
| Homemaker | 9 | 1.15 |
| Other | 117 | 15.38 |
| Total | 762 | 100.00 |

Table 107 - Household Size

|  | One | Two | Three | Four | Five | Six or more | Total |
| :--- | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| Riders | 154 | 199 | 129 | 109 | 115 | 25 | 730 |
| $\%$ | 21.09 | 27.27 | 17.61 | 14.87 | 15.78 | 3.37 | 100.00 |

Table 108 - Disability

|  | Has disability preventing <br> bus use | Does not have disability <br> preventing bus use | Total |
| :--- | ---: | ---: | ---: |
| Riders | 22 | 692 | 714 |
| $\%$ | 3.09 | 96.91 | 100.00 |

## ROUTE 834

Table 109 - Gender

|  | Male | Female | Total |
| :--- | ---: | ---: | ---: |
| Riders | 92 | 182 | 274 |
| $\%$ | 33.54 | 66.46 | 100.00 |

Table 110 - Age

|  | Under 18 | $18-24$ | $25-34$ | $35-44$ | $45-54$ | $55-61$ | $62-64$ | $65+$ | Total |
| :--- | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| Riders | 0 | 27 | 67 | 91 | 61 | 74 | 0 | 10 | 330 |
| $\%$ | 0.00 | 8.07 | 20.40 | 27.52 | 18.63 | 22.38 | 0.00 | 2.99 | 100.00 |

Table 111 - Race

|  | White | Black or African <br> American | Asian | American Indian or <br> Alaska Native | Multi- <br> racial | Other | Total |
| :--- | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| Riders | 192 | 62 | 11 | 0 | 11 | 15 | 292 |
| $\%$ | 65.70 | 21.25 | 3.93 | 0.00 | 3.93 | 5.19 | 100.00 |

Table 112 - Ethnicity

|  | Spanish/Hispanic/Latino | Not Spanish/Hispanic/Latino | Total |
| :--- | ---: | ---: | ---: |
| Riders | 63 | 238 | 301 |
| $\%$ | 20.91 | 79.09 | 100.00 |

Table 113 - Household Income

| $l$ | Riders | $\%$ |
| :--- | ---: | ---: |
| Income | 46 | 16.05 |
| Under $\$ 15,000$ | 81 | 27.96 |
| $\$ 15,000-\$ 24,999$ | 30 | 10.33 |
| $\$ 25,000-\$ 34,999$ | 52 | 18.07 |
| $\$ 35,000-\$ 49,999$ | 69 | 24.05 |
| $\$ 50,000-\$ 74,999$ | 10 | 3.54 |
| $\$ 75,000-\$ 99,999$ | 0 | 0.00 |
| $\$ 100,000-\$ 149,999$ | 0 | 0.00 |
| $\$ 150,000-\$ 199,999$ | 0 | 0.00 |
| $\$ 200,000$ or over | 288 | 100.00 |
| Total |  |  |

Table 114 - Number of Household Vehicles

|  |  |  | Three or |  |  |
| :--- | ---: | ---: | ---: | ---: | ---: |
|  | None | One | Two | more | Total |
| Riders | 170 | 137 | 23 | 0 | 330 |
| $\%$ | 51.52 | 41.53 | 6.95 | 0.00 | 100.00 |

Table 115 - Occupation

|  | Riders | $\%$ |
| :--- | ---: | ---: |
| Management/ Professional | 40 | 11.93 |
| Technical/ Skilled | 44 | 13.12 |
| Clerical/ Secretarial | 10 | 3.05 |
| Not currently employed | 27 | 7.93 |
| Non-Office Worker | 42 | 12.45 |
| Sales/Retail | 69 | 20.54 |
| Retired | 15 | 4.52 |
| Student | 15 | 4.52 |
| Homemaker | 15 | 4.52 |
| Other | 58 | 17.44 |
| Total | 335 | 100.00 |

Table 116 - Household Size

|  | One | Two | Three | Four | Five | Six or more | Total |
| :--- | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| Riders | 91 | 126 | 32 | 41 | 35 | 5 | 330 |
| $\%$ | 27.50 | 38.26 | 9.67 | 12.40 | 10.68 | 1.49 | 100.00 |

Table 117 - Disability

|  | Has disability preventing <br> bus use | Does not have disability <br> preventing bus use | Total |
| :--- | ---: | ---: | ---: |
| Riders | 30 | 289 | 320 |
| $\%$ | 9.47 | 90.53 | 100.00 |

## ROUTE 837

Table 118 - Gender

|  | Male | Female | Total |
| :--- | ---: | ---: | ---: |
| Riders | 171 | 217 | 389 |
| $\%$ | 44.08 | 55.92 | 100.00 |

Table 119 - Age

|  | Under 18 | $18-24$ | $25-34$ | $35-44$ | $45-54$ | $55-61$ | $62-64$ | $65+$ | Total |
| :--- | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| Riders | 6 | 56 | 57 | 108 | 47 | 82 | 52 | 31 | 439 |
| $\%$ | 1.33 | 12.70 | 13.06 | 24.69 | 10.67 | 18.61 | 11.94 | 6.99 | 100.00 |

Table 120 - Race

|  |  |  |  |  |  |  |  |
| :--- | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
|  | White | Black or African <br> American | Asian | American Indian or <br> Alaska Native | Multi- <br> racial | Other | Total |
| Riders | 113 | 224 | 0 | 12 | 24 | 20 | 395 |
| $\%$ | 28.71 | 56.88 | 0.00 | 3.14 | 6.13 | 5.15 | 100.00 |

Table 121 - Ethnicity

|  | Spanish/Hispanic/Latino | Not Spanish/Hispanic/Latino | Total |
| :--- | ---: | ---: | ---: |
| Riders | 134 | 259 | 394 |
| $\%$ | 34.13 | 65.87 | 100.00 |

Table 122 - Household Income

| Income | Riders | $\%$ |
| :--- | ---: | ---: |
| Under $\$ 15,000$ | 162 | 41.67 |
| $\$ 15,000-\$ 24,999$ | 68 | 17.64 |
| $\$ 25,000-\$ 34,999$ | 63 | 16.13 |
| $\$ 35,000-\$ 49,999$ | 44 | 11.27 |
| $\$ 50,000-\$ 74,999$ | 34 | 8.68 |
| $\$ 75,000-\$ 99,999$ | 18 | 4.61 |
| $\$ 100,000-\$ 149,999$ | 0 | 0.00 |
| $\$ 150,000-\$ 199,999$ | 0 | 0.00 |
| $\$ 200,000$ or over | 0 | 0.00 |
| Total | 388 | 100.00 |

Table 123 - Number of Household Vehicles

|  |  |  | Three or |  |  |
| :--- | ---: | ---: | ---: | ---: | ---: |
|  | None | One | Two | more | Total |
| Riders | 228 | 154 | 38 | 13 | 432 |
| $\%$ | 52.73 | 35.62 | 8.75 | 2.90 | 100.00 |

Table 124 - Occupation

|  | Riders | $\%$ |
| :--- | ---: | ---: |
| Management/ Professional | 26 | 5.98 |
| Technical/ Skilled | 51 | 11.65 |
| Clerical/ Secretarial | 43 | 9.87 |
| Not currently employed | 38 | 8.62 |
| Non-Office Worker | 32 | 7.38 |
| Sales/Retail | 75 | 17.06 |
| Retired | 30 | 6.93 |
| Student | 6 | 1.33 |
| Homemaker | 19 | 4.41 |
| Other | 117 | 26.76 |
| Total | 438 | 100.00 |

Table 125 - Household Size

|  | One | Two | Three | Four | Five | Six or more | Total |
| :--- | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| Riders | 118 | 78 | 69 | 75 | 46 | 33 | 418 |
| $\%$ | 28.18 | 18.56 | 16.47 | 17.94 | 10.99 | 7.86 | 100.00 |

Table 126 - Disability

|  | Has disability preventing | bus use | Does not have disability <br> preventing bus use |
| :--- | ---: | ---: | ---: |
| Riders | 33 | 406 | 439 |
| $\%$ | 7.49 | 92.51 | 100.00 |

## ROUTE 838

Table 127 - Gender

|  | Male | Female | Total |
| :--- | ---: | ---: | ---: |
| Riders | 137 | 159 | 296 |
| $\%$ | 46.19 | 53.81 | 100.00 |

Table 128 - Age

|  | Under 18 | $18-24$ | $25-34$ | $35-44$ | $45-54$ | $55-61$ | $62-64$ | $65+$ | Total |
| :--- | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| Riders | 12 | 107 | 79 | 58 | 19 | 17 | 14 | 5 | 311 |
| $\%$ | 3.74 | 34.61 | 25.41 | 18.75 | 6.00 | 5.33 | 4.56 | 1.59 | 100.00 |

Table 129 - Race

|  |  |  |  |  |  |  |  |
| :--- | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
|  | White | Black or African <br> American | Asian | American Indian or <br> Alaska Native | Multi- <br> racial | Other | Total |
| Riders | 98 | 50 | 23 | 15 | 18 | 28 | 232 |
| $\%$ | 42.27 | 21.68 | 9.78 | 6.37 | 7.77 | 12.13 | 100.00 |

Table 130 - Ethnicity

|  | Spanish/Hispanic/Latino | Not Spanish/Hispanic/Latino | Total |
| :--- | ---: | ---: | ---: |
| Riders | 107 | 162 | 269 |
| $\%$ | 39.92 | 60.08 | 100.00 |

Table 131 - Household Income

| Income | Riders | $\%$ |
| :--- | ---: | ---: |
| Under $\$ 15,000$ | 87 | 34.87 |
| $\$ 15,000-\$ 24,999$ | 46 | 18.18 |
| $\$ 25,000-\$ 34,999$ | 14 | 5.66 |
| $\$ 35,000-\$ 49,999$ | 34 | 13.71 |
| $\$ 50,000-\$ 74,999$ | 19 | 7.54 |
| $\$ 75,000-\$ 99,999$ | 15 | 6.10 |
| $\$ 100,000-\$ 149,999$ | 7 | 2.90 |
| $\$ 150,000-\$ 199,999$ | 6 | 2.57 |
| $\$ 200,000$ or over | 21 | 8.48 |
| Total | 250 | 100.00 |

Table 132 - Number of Household Vehicles

|  |  |  | Three or |  |  |
| :--- | ---: | ---: | ---: | ---: | ---: |
|  | None | One | Two | more | Total |
| Riders | 105 | 69 | 99 | 14 | 287 |
| $\%$ | 36.67 | 23.99 | 34.40 | 4.94 | 100.00 |

## Table 133 - Occupation

|  | Riders | $\%$ |
| :--- | ---: | ---: |
| Management/ Professional | 21 | 6.85 |
| Technical/ Skilled | 20 | 6.58 |
| Clerical/ Secretarial | 11 | 3.63 |
| Not currently employed | 18 | 5.90 |
| Non-Office Worker | 32 | 10.45 |
| Sales/Retail | 29 | 9.46 |
| Retired | 14 | 4.47 |
| Student | 82 | 26.92 |
| Homemaker | 14 | 4.50 |
| Other | 65 | 21.25 |
| Total | 306 | 100.00 |

Table 134 - Household Size

|  | One | Two | Three | Four | Five | Six or more | Total |
| :--- | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| Riders | 48 | 45 | 32 | 55 | 60 | 48 | 288 |
| $\%$ | 16.54 | 15.68 | 11.10 | 18.95 | 20.94 | 16.79 | 100.00 |

Table 135 - Disability

|  | Has disability preventing <br> bus use | Does not have disability <br> preventing bus use | Total |
| :--- | ---: | ---: | ---: |
| Riders | 17 | 268 | 285 |
| $\%$ | 6.00 | 94.00 | 100.00 |

## ROUTE 871

Table 136 - Gender

|  | Male | Female | Total |
| :--- | ---: | ---: | ---: |
| Riders | 50 | 56 | 106 |
| $\%$ | 47.31 | 52.69 | 100.00 |

Table 137 - Age

|  | Under 18 | $18-24$ | $25-34$ | $35-44$ | $45-54$ | $55-61$ | $62-64$ | $65+$ | Total |
| :--- | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| Riders | 0 | 4 | 32 | 20 | 29 | 10 | 6 | 5 | 106 |
| $\%$ | 0.00 | 3.47 | 29.99 | 19.23 | 27.63 | 8.98 | 5.83 | 4.88 | 100.00 |

Table 138 - Race

|  |  |  |  |  |  |  |  |
| :--- | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
|  | White | Black or African <br> American | Asian | American Indian or <br> Alaska Native | Multi- <br> racial | Other | Total |
| Riders | 53 | 8 | 20 | 0 | 5 | 4 | 90 |
| $\%$ | 58.69 | 8.88 | 21.89 | 0.00 | 5.73 | 4.81 | 100.00 |

Table 139 - Ethnicity

|  | Spanish/Hispanic/Latino | Not Spanish/Hispanic/Latino | Total |
| :--- | ---: | ---: | ---: |
| Riders | 50 | 42 | 92 |
| $\%$ | 54.62 | 45.38 | 100.00 |

Table 140 - Household Income

| Income | Riders | $\%$ |
| :--- | ---: | ---: |
| Under $\$ 15,000$ | 16 | 16.51 |
| $\$ 15,000-\$ 24,999$ | 35 | 36.15 |
| $\$ 25,000-\$ 34,999$ | 15 | 15.30 |
| $\$ 35,000-\$ 49,999$ | 7 | 7.22 |
| $\$ 50,000-\$ 74,999$ | 16 | 16.56 |
| $\$ 75,000-\$ 99,999$ | 6 | 6.36 |
| $\$ 100,000-\$ 149,999$ | 2 | 1.89 |
| $\$ 150,000-\$ 199,999$ | 0 | 0.00 |
| $\$ 200,000$ or over | 0 | 0.00 |
| Total | 97 | 100.00 |

Table 141 - Number of Household Vehicles

|  |  |  | Three or |  |  |
| :--- | ---: | ---: | ---: | ---: | ---: |
|  | None | One | Two | more | Total |
| Riders | 64 | 30 | 7 | 0 | 101 |
| $\%$ | 63.66 | 29.39 | 6.95 | 0.00 | 100.00 |

Table 142 - Occupation

|  | Riders | $\%$ |
| :--- | ---: | ---: |
| Management/ Professional | 0 | 0.00 |
| Technical/ Skilled | 20 | 21.18 |
| Clerical/ Secretarial | 7 | 7.27 |
| Not currently employed | 5 | 5.36 |
| Non-Office Worker | 24 | 24.99 |
| Sales/Retail | 14 | 14.03 |
| Retired | 7 | 7.27 |
| Student | 0 | 0.00 |
| Homemaker | 0 | 0.00 |
| Other | 19 | 19.91 |
| Total | 97 | 100.00 |

Table 143 - Household Size

|  | One | Two | Three | Four | Five | Six or more | Total |
| :--- | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| Riders | 18 | 39 | 29 | 9 | 6 | 0 | 101 |
| $\%$ | 18.21 | 38.82 | 28.22 | 8.61 | 6.13 | 0.00 | 100.00 |

Table 144 - Disability

|  | Has disability preventing <br> bus use | Does not have disability <br> preventing bus use | Total |
| :--- | ---: | ---: | ---: |
| Riders | 5 | 96 | 101 |
| $\%$ | 5.13 | 94.87 | 100.00 |

## ROUTE 872

Table 145 - Gender

|  | Male | Female | Total |
| :--- | ---: | ---: | ---: |
| Riders | 14 | 28 | 42 |
| $\%$ | 33.00 | 67.00 | 100.00 |

Table 146 - Age

|  | Under 18 | $18-24$ | $25-34$ | $35-44$ | $45-54$ | $55-61$ | $62-64$ | $65+$ | Total |
| :--- | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| Riders | 0 | 0 | 17 | 0 | 14 | 10 | 0 | 0 | 40 |
| $\%$ | 0.00 | 0.00 | 41.58 | 0.00 | 34.21 | 24.21 | 0.00 | 0.00 | 100.00 |

Table 147 - Race

|  | White | Black or African <br> American | Asian | American Indian or <br> Alaska Native | Multi- <br> racial | Other | Total |
| :--- | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| Riders | 7 | 10 | 0 | 0 | 0 | 19 | 35 |
| $\%$ | 19.76 | 27.54 | 0.00 | 0.00 | 0.00 | 52.69 | 100.00 |

Table 148 - Ethnicity

|  | Spanish/Hispanic/Latino | Not Spanish/Hispanic/Latino | Total |
| :--- | ---: | ---: | ---: |
| Riders | 15 | 12 | 26 |
| $\%$ | 55.20 | 44.80 | 100.00 |

Table 149 - Household Income

| Income | Riders | $\%$ |
| :--- | ---: | ---: |
| Under $\$ 15,000$ | 2 | 8.00 |
| $\$ 15,000-\$ 24,999$ | 5 | 18.40 |
| $\$ 25,000-\$ 34,999$ | 5 | 18.40 |
| $\$ 35,000-\$ 49,999$ | 0 | 0.00 |
| $\$ 50,000-\$ 74,999$ | 5 | 18.40 |
| $\$ 75,000-\$ 99,999$ | 5 | 18.40 |
| $\$ 100,000-\$ 149,999$ | 0 | 0.00 |
| $\$ 150,000-\$ 199,999$ | 0 | 0.00 |
| $\$ 200,000$ or over | 5 | 18.40 |
| Total | 26 | 100.00 |

Table 150 - Number of Household Vehicles

|  |  |  | Three or |  |  |
| :--- | ---: | ---: | ---: | ---: | ---: |
|  | None | One | Two | more | Total |
| Riders | 24 | 2 | 0 | 0 | 26 |
| $\%$ | 92.00 | 8.00 | 0.00 | 0.00 | 100.00 |

Table 151 - Occupation

|  | Riders | $\%$ |
| :--- | ---: | ---: |
| Management/ Professional | 10 | 36.80 |
| Technical/ Skilled | 5 | 18.40 |
| Clerical/ Secretarial | 10 | 36.80 |
| Not currently employed | 0 | 0.00 |
| Non-Office Worker | 0 | 0.00 |
| Sales/Retail | 2 | 8.00 |
| Retired | 0 | 0.00 |
| Student | 0 | 0.00 |
| Homemaker | 0 | 0.00 |
| Other | 0 | 0.00 |
| Total | 26 | 100.00 |

Table 152 - Household Size

|  | One | Two | Three | Four | Five | Six or more | Total |
| :--- | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| Riders | 5 | 12 | 5 | 5 | 0 | 0 | 26 |
| $\%$ | 18.40 | 44.80 | 18.40 | 18.40 | 0.00 | 0.00 | 100.00 |

Table 153 - Disability

|  | Has disability preventing <br> bus use | Does not have disability <br> preventing bus use | Total |
| :--- | ---: | ---: | ---: |
| Riders | 0 | 26 | 26 |
| $\%$ | 0.00 | 100.00 | 100.00 |

## ROUTE 873

Table 154 - Gender

|  | Male | Female | Total |
| :--- | ---: | ---: | ---: |
| Riders | 62 | 87 | 149 |
| $\%$ | 41.58 | 58.42 | 100.00 |

Table 155 - Age

|  | Under 18 | $18-24$ | $25-34$ | $35-44$ | $45-54$ | $55-61$ | $62-64$ | $65+$ | Total |
| :--- | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| Riders | 0 | 24 | 44 | 15 | 16 | 16 | 23 | 13 | 150 |
| $\%$ | 0.00 | 15.78 | 29.39 | 9.98 | 10.43 | 10.93 | 14.99 | 8.49 | 100.00 |

Table 156 - Race

|  |  |  |  |  |  |  |  |
| :--- | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
|  | White | Black or African <br> American | Asian | American Indian or <br> Alaska Native | Multi- <br> racial | Other | Total |
| Riders | 42 | 54 | 17 | 0 | 13 | 6 | 132 |
| $\%$ | 31.70 | 41.04 | 12.90 | 0.00 | 9.51 | 4.84 | 100.00 |

Table 157 - Ethnicity

|  | Spanish/Hispanic/Latino | Not Spanish/Hispanic/Latino | Total |
| :--- | ---: | ---: | ---: |
| Riders | 37 | 92 | 128 |
| $\%$ | 28.46 | 71.54 | 100.00 |

Table 158 - Household Income

| Income | Riders | $\%$ |
| :--- | ---: | ---: |
| Under $\$ 15,000$ | 42 | 31.92 |
| $\$ 15,000-\$ 24,999$ | 43 | 32.60 |
| $\$ 25,000-\$ 34,999$ | 6 | 4.66 |
| $\$ 35,000-\$ 49,999$ | 7 | 4.99 |
| $\$ 50,000-\$ 74,999$ | 24 | 18.75 |
| $\$ 75,000-\$ 99,999$ | 6 | 4.66 |
| $\$ 100,000-\$ 149,999$ | 3 | 2.42 |
| $\$ 150,000-\$ 199,999$ | 0 | 0.00 |
| $\$ 200,000$ or over | 0 | 0.00 |
| Total | 130 | 100.00 |

Table 159 - Number of Household Vehicles

|  |  |  | Three or |  |  |
| :--- | ---: | ---: | ---: | ---: | ---: |
|  | None | One | Two | more | Total |
| Riders | 101 | 24 | 19 | 9 | 153 |
| $\%$ | 66.12 | 15.73 | 12.34 | 5.81 | 100.00 |

## Table 160 - Occupation

|  | Riders | $\%$ |
| :--- | ---: | ---: |
| Management/ Professional | 3 | 2.07 |
| Technical/ Skilled | 16 | 10.20 |
| Clerical/ Secretarial | 8 | 4.99 |
| Not currently employed | 6 | 3.92 |
| Non-Office Worker | 20 | 13.34 |
| Sales/Retail | 23 | 15.39 |
| Retired | 19 | 12.35 |
| Student | 17 | 11.12 |
| Homemaker | 3 | 2.14 |
| Other | 37 | 24.47 |
| Total | 152 | 100.00 |

Table 161 - Household Size

|  | One | Two | Three | Four | Five | Six or more | Total |
| :--- | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| Riders | 53 | 40 | 15 | 6 | 15 | 17 | 146 |
| $\%$ | 36.58 | 27.18 | 10.28 | 4.17 | 10.45 | 11.34 | 100.00 |

Table 162 - Disability

|  | Has disability preventing <br> bus use | Does not have disability <br> preventing bus use | Total |
| :--- | ---: | ---: | ---: |
| Riders | 0 | 150 | 150 |
| $\%$ | 0.00 | 100.00 | 100.00 |

## ROUTE 874

Table 163 - Gender

|  | Male | Female | Total |
| :--- | ---: | ---: | ---: |
| Riders | 47 | 59 | 106 |
| $\%$ | 44.42 | 55.58 | 100.00 |

Table 164 - Age

|  | Under 18 | $18-24$ | $25-34$ | $35-44$ | $45-54$ | $55-61$ | $62-64$ | $65+$ | Total |
| :--- | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| Riders | 0 | 24 | 39 | 13 | 34 | 4 | 2 | 0 | 117 |
| $\%$ | 0.00 | 20.35 | 33.22 | 11.48 | 29.22 | 3.83 | 1.91 | 0.00 | 100.00 |

Table 165 - Race

|  |  |  |  |  |  |  |  |
| :--- | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
|  | White | Black or African <br> American | Asian | American Indian or <br> Alaska Native | Multi- <br> racial | Other | Total |
| Riders | 15 | 22 | 14 | 0 | 19 | 25 | 95 |
| $\%$ | 15.70 | 22.80 | 15.05 | 0.00 | 20.43 | 26.02 | 100.00 |

Table 166 - Ethnicity

|  | Spanish/Hispanic/Latino | Not Spanish/Hispanic/Latino | Total |
| :--- | ---: | ---: | ---: |
| Riders | 46 | 61 | 107 |
| $\%$ | 43.32 | 56.68 | 100.00 |

Table 167 - Household Income

| Income | Riders | $\%$ |
| :--- | ---: | ---: |
| Under $\$ 15,000$ | 43 | 43.54 |
| $\$ 15,000-\$ 24,999$ | 16 | 16.04 |
| $\$ 25,000-\$ 34,999$ | 10 | 10.63 |
| $\$ 35,000-\$ 49,999$ | 4 | 4.58 |
| $\$ 50,000-\$ 74,999$ | 17 | 16.88 |
| $\$ 75,000-\$ 99,999$ | 8 | 8.33 |
| $\$ 100,000-\$ 149,999$ | 0 | 0.00 |
| $\$ 150,000-\$ 199,999$ | 0 | 0.00 |
| $\$ 200,000$ or over | 0 | 0.00 |
| Total | 98 | 100.00 |

Table 168 - Number of Household Vehicles

|  |  |  | Three or |  |  |
| :--- | ---: | ---: | ---: | ---: | ---: |
|  | None | One | Two | more | Total |
| Riders | 69 | 13 | 0 | 13 | 95 |
| $\%$ | 72.47 | 14.19 | 0.00 | 13.33 | 100.00 |

## Table 169 - Occupation

|  | Riders | $\%$ |
| :--- | ---: | ---: |
| Management/ Professional | 7 | 6.72 |
| Technical/ Skilled | 22 | 22.40 |
| Clerical/ Secretarial | 8 | 8.15 |
| Not currently employed | 10 | 10.39 |
| Non-Office Worker | 4 | 4.48 |
| Sales/Retail | 21 | 20.98 |
| Retired | 0 | 0.00 |
| Student | 2 | 2.24 |
| Homemaker | 0 | 0.00 |
| Other | 25 | 24.64 |
| Total | 100 | 100.00 |

Table 170 - Household Size

|  | One | Two | Three | Four | Five | Six or more | Total |
| :--- | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| Riders | 49 | 13 | 16 | 19 | 10 | 0 | 107 |
| $\%$ | 45.42 | 12.60 | 14.69 | 17.56 | 9.73 | 0.00 | 100.00 |

Table 171 - Disability

|  | Has disability preventing <br> bus use | Does not have disability <br> preventing bus use | Total |
| :--- | ---: | ---: | ---: |
| Riders | 8 | 109 | 117 |
| $\%$ | 6.96 | 93.04 | 100.00 |

## ROUTE 875

Table 172 - Gender

|  | Male | Female | Total |
| :--- | ---: | ---: | ---: |
| Riders | 80 | 40 | 120 |
| $\%$ | 66.86 | 33.14 | 100.00 |

Table 173 - Age

|  | Under 18 | $18-24$ | $25-34$ | $35-44$ | $45-54$ | $55-61$ | $62-64$ | $65+$ | Total |
| :--- | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| Riders | 11 | 40 | 24 | 6 | 17 | 11 | 2 | 11 | 123 |
| $\%$ | 8.80 | 32.42 | 19.59 | 5.03 | 14.08 | 9.28 | 2.00 | 8.80 | 100.00 |

Table 174 - Race

|  | White | Black or African <br> American | Asian | American Indian or <br> Alaska Native | Multi- <br> racial | Other | Total |
| :--- | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| Riders | 73 | 24 | 2 | 3 | 6 | 6 | 114 |
| $\%$ | 63.78 | 21.53 | 2.17 | 2.73 | 4.90 | 4.90 | 100.00 |

Table 175 - Ethnicity

|  | Spanish/Hispanic/Latino | Not Spanish/Hispanic/Latino | Total |
| :--- | ---: | ---: | ---: |
| Riders | 50 | 76 | 126 |
| $\%$ | 39.65 | 60.35 | 100.00 |

Table 176 - Household Income

| Income | Riders | $\%$ |
| :--- | ---: | ---: |
| Under $\$ 15,000$ | 52 | 59.51 |
| $\$ 15,000-\$ 24,999$ | 10 | 10.93 |
| $\$ 25,000-\$ 34,999$ | 2 | 2.80 |
| $\$ 35,000-\$ 49,999$ | 9 | 9.85 |
| $\$ 50,000-\$ 74,999$ | 6 | 7.05 |
| $\$ 75,000-\$ 99,999$ | 2 | 2.80 |
| $\$ 100,000-\$ 149,999$ | 6 | 7.05 |
| $\$ 150,000-\$ 199,999$ | 0 | 0.00 |
| $\$ 200,000$ or over | 0 | 0.00 |
| Total | 88 | 100.00 |

Table 177 - Number of Household Vehicles

|  |  |  | Three or |  |  |
| :--- | ---: | ---: | ---: | ---: | ---: |
|  | None | One | Two | more | Total |
| Riders | 44 | 44 | 23 | 12 | 123 |
| $\%$ | 35.85 | 35.60 | 18.95 | 9.59 | 100.00 |

## Table 178 - Occupation

|  | Riders | $\%$ |
| :--- | ---: | ---: |
| Management/ Professional | 2 | 1.83 |
| Technical/ Skilled | 7 | 4.83 |
| Clerical/ Secretarial | 2 | 1.83 |
| Not currently employed | 15 | 11.49 |
| Non-Office Worker | 3 | 2.30 |
| Sales/Retail | 17 | 12.86 |
| Retired | 11 | 8.05 |
| Student | 51 | 37.95 |
| Homemaker | 0 | 0.00 |
| Other | 25 | 18.85 |
| Total | 135 | 100.00 |

Table 179 - Household Size

|  | One | Two | Three | Four | Five | Six or more | Total |
| :--- | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| Riders | 19 | 26 | 17 | 23 | 9 | 33 | 126 |
| $\%$ | 14.78 | 20.69 | 13.28 | 17.98 | 7.39 | 25.87 | 100.00 |

Table 180 - Disability

|  | Has disability preventing <br> bus use | Does not have disability <br> preventing bus use | Total |
| :--- | ---: | ---: | ---: |
| Riders | 20 | 103 | 123 |
| $\%$ | 16.16 | 83.84 | 100.00 |

## ROUTE 878

Table 181 - Gender

|  | Male | Female | Total |
| :--- | ---: | ---: | ---: |
| Riders | 22 | 0 | 22 |
| $\%$ | 100.00 | 0.00 | 100.00 |

Table 182 - Age

|  | Under 18 | $18-24$ | $25-34$ | $35-44$ | $45-54$ | $55-61$ | $62-64$ | $65+$ | Total |
| :--- | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| Riders | 0 | 0 | 0 | 0 | 0 | 22 | 0 | 0 | 22 |
| $\%$ | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 100.00 | 0.00 | 0.00 | 100.00 |

Table 183 - Race

|  |  |  |  |  |  |  |  |
| :--- | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
|  | White | Black or African <br> American | Asian | American Indian or <br> Alaska Native | Multi- <br> racial | Other | Total |
| Riders | 0 | 0 | 0 | 0 | 22 | 0 | 22 |
| $\%$ | 0.00 | 0.00 | 0.00 | 0.00 | 100.00 | 0.00 | 100.00 |

Table 184 - Ethnicity

|  | Spanish/Hispanic/Latino | Not Spanish/Hispanic/Latino | Total |
| :--- | ---: | ---: | ---: |
| Riders | 0 | 22 | 22 |
| $\%$ | 0.00 | 100.00 | 100.00 |

Table 185 - Household Income

| Income | Riders | $\%$ |
| :--- | ---: | ---: |
| Under $\$ 15,000$ | 0 | 0.00 |
| $\$ 15,000-\$ 24,999$ | 0 | 0.00 |
| $\$ 25,000-\$ 34,999$ | 0 | 0.00 |
| $\$ 35,000-\$ 49,999$ | 0 | 0.00 |
| $\$ 50,000-\$ 74,999$ | 0 | 0.00 |
| $\$ 75,000-\$ 99,999$ | 0 | 0.00 |
| $\$ 100,000-\$ 149,999$ | 0 | 0.00 |
| $\$ 150,000-\$ 199,999$ | 22 | 100.00 |
| $\$ 200,000$ or over | 0 | 0.00 |
| Total | 22 | 100.00 |

Table 186 - Number of Household Vehicles

|  |  |  |  | Three or |  |
| :--- | ---: | ---: | ---: | ---: | ---: |
|  | None | One | Two | more | Total |
| Riders | 22 | 0 | 0 | 0 | 22 |
| $\%$ | 100.00 | 0.00 | 0.00 | 0.00 | 100.00 |

## Table 187 - Occupation

|  | Riders | $\%$ |
| :--- | ---: | ---: |
| Management/ Professional | 22 | 100.00 |
| Technical/ Skilled | 0 | 0.00 |
| Clerical/ Secretarial | 0 | 0.00 |
| Not currently employed | 0 | 0.00 |
| Non-Office Worker | 0 | 0.00 |
| Sales/Retail | 0 | 0.00 |
| Retired | 0 | 0.00 |
| Student | 0 | 0.00 |
| Homemaker | 0 | 0.00 |
| Other | 0 | 0.00 |
| Total | 22 | 100.00 |

Table 188 - Household Size

|  | One | Two | Three | Four | Five | Six or more | Total |
| :--- | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| Riders | 0 | 22 | 0 | 0 | 0 | 0 | 22 |
| $\%$ | 0.00 | 100.00 | 0.00 | 0.00 | 0.00 | 0.00 | 100.00 |

Table 189 - Disability

|  | Has disability preventing <br> bus use | Does not have disability <br> preventing bus use | Total |
| :--- | ---: | ---: | ---: |
| Riders | 0 | 22 | 22 |
| $\%$ | 0.00 | 100.00 | 100.00 |

## ROUTE 880

Table 190 - Gender

|  | Male | Female | Total |
| :--- | ---: | ---: | ---: |
| Riders | 207 | 144 | 352 |
| $\%$ | 58.98 | 41.02 | 100.00 |

Table 191 - Age

|  | Under 18 | $18-24$ | $25-34$ | $35-44$ | $45-54$ | $55-61$ | $62-64$ | $65+$ | Total |
| :--- | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| Riders | 6 | 31 | 70 | 59 | 63 | 49 | 28 | 56 | 362 |
| $\%$ | 1.53 | 8.54 | 19.23 | 16.42 | 17.50 | 13.55 | 7.71 | 15.51 | 100.00 |

Table 192 - Race

|  |  |  |  |  |  |  |  |
| :--- | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
|  | White | Black or African <br> American | Asian | American Indian or <br> Alaska Native | Multi- <br> racial | Other | Total |
| Riders | 159 | 36 | 6 | 8 | 8 | 43 | 260 |
| $\%$ | 60.97 | 13.97 | 2.11 | 3.23 | 3.24 | 16.48 | 100.00 |

Table 193 - Ethnicity

|  | Spanish/Hispanic/Latino | Not Spanish/Hispanic/Latino | Total |
| :--- | ---: | ---: | ---: |
| Riders | 208 | 126 | 334 |
| $\%$ | 62.28 | 37.72 | 100.00 |

Table 194 - Household Income

| Income | Riders | $\%$ |
| :--- | ---: | ---: |
| Under $\$ 15,000$ | 113 | 35.15 |
| $\$ 15,000-\$ 24,999$ | 92 | 28.81 |
| $\$ 25,000-\$ 34,999$ | 46 | 14.38 |
| $\$ 35,000-\$ 49,999$ | 40 | 12.43 |
| $\$ 50,000-\$ 74,999$ | 17 | 5.29 |
| $\$ 75,000-\$ 99,999$ | 6 | 1.72 |
| $\$ 100,000-\$ 149,999$ | 7 | 2.23 |
| $\$ 150,000-\$ 199,999$ | 0 | 0.00 |
| $\$ 200,000$ or over | 0 | 0.00 |
| Total | 321 | 100.00 |

Table 195 - Number of Household Vehicles

|  |  |  | Three or |  |  |
| :--- | ---: | ---: | ---: | ---: | ---: |
|  | None | One | Two | more | Total |
| Riders | 184 | 100 | 49 | 25 | 359 |
| $\%$ | 51.38 | 27.79 | 13.75 | 7.08 | 100.00 |

Table 196 - Occupation

|  | Riders | $\%$ |
| :--- | ---: | ---: |
| Management/ Professional | 11 | 3.08 |
| Technical/ Skilled | 30 | 8.25 |
| Clerical/ Secretarial | 11 | 3.15 |
| Not currently employed | 43 | 12.04 |
| Non-Office Worker | 55 | 15.28 |
| Sales/Retail | 51 | 14.09 |
| Retired | 68 | 19.07 |
| Student | 15 | 4.27 |
| Homemaker | 15 | 4.28 |
| Other | 59 | 16.50 |
| Total | 359 | 100.00 |

Table 197 - Household Size

|  | One | Two | Three | Four | Five | Six or more | Total |
| :--- | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| Riders | 65 | 53 | 72 | 82 | 63 | 17 | 351 |
| $\%$ | 18.45 | 15.17 | 20.41 | 23.26 | 17.97 | 4.73 | 100.00 |

Table 198 - Disability

|  | Has disability preventing <br> bus use | Does not have disability <br> preventing bus use | Total |
| :--- | ---: | ---: | ---: |
| Riders | 20 | 326 | 346 |
| $\%$ | 5.72 | 94.28 | 100.00 |

## ROUTE 890

Table 199 - Gender

|  | Male | Female | Total |
| :--- | ---: | ---: | ---: |
| Riders | 6 | 11 | 17 |
| $\%$ | 33.33 | 66.67 | 100.00 |

Table 200 - Age

|  | Under 18 | $18-24$ | $25-34$ | $35-44$ | $45-54$ | $55-61$ | $62-64$ | $65+$ | Total |
| :--- | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| Riders | 0 | 0 | 0 | 6 | 8 | 0 | 0 | 3 | 17 |
| $\%$ | 0.00 | 0.00 | 0.00 | 33.33 | 50.00 | 0.00 | 0.00 | 16.67 | 100.00 |

Table 201 - Race

|  | White | Black or African <br> American | Asian | American Indian or <br> Alaska Native | Multi- <br> racial | Other | Total |
| :--- | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| Riders | 11 | 3 | 0 | 0 | 0 | 0 | 14 |
| $\%$ | 80.00 | 20.00 | 0.00 | 0.00 | 0.00 | 0.00 | 100.00 |

Table 202 - Ethnicity

|  | Spanish/Hispanic/Latino | Not Spanish/Hispanic/Latino | Total |
| :--- | ---: | ---: | ---: |
| Riders | 3 | 14 | 17 |
| $\%$ | 16.67 | 83.33 | 100.00 |

Table 203 - Household Income

| Income | Riders | $\%$ |
| :--- | ---: | ---: |
| Under $\$ 15,000$ | 3 | 20.00 |
| $\$ 15,000-\$ 24,999$ | 0 | 0.00 |
| $\$ 25,000-\$ 34,999$ | 8 | 60.00 |
| $\$ 35,000-\$ 49,999$ | 0 | 0.00 |
| $\$ 50,000-\$ 74,999$ | 0 | 0.00 |
| $\$ 75,000-\$ 99,999$ | 3 | 20.00 |
| $\$ 100,000-\$ 149,999$ | 0 | 0.00 |
| $\$ 150,000-\$ 199,999$ | 0 | 0.00 |
| $\$ 200,000$ or over | 0 | 0.00 |
| Total | 14 | 100.00 |

Table 204 - Number of Household Vehicles

|  |  |  | 3 | Three or |  |
| :--- | ---: | ---: | ---: | ---: | ---: |
|  | None | One | Two | more | Total |
| Riders | 11 | 3 | 3 | 0 | 17 |
| $\%$ | 66.67 | 16.67 | 16.67 | 0.00 | 100.00 |

Table 205 - Occupation

|  | Riders | $\%$ |
| :--- | ---: | ---: |
| Management/ Professional | 8 | 50.00 |
| Technical/ Skilled | 0 | 0.00 |
| Clerical/ Secretarial | 0 | 0.00 |
| Not currently employed | 6 | 33.33 |
| Non-Office Worker | 0 | 0.00 |
| Sales/Retail | 0 | 0.00 |
| Retired | 3 | 16.67 |
| Student | 0 | 0.00 |
| Homemaker | 0 | 0.00 |
| Other | 0 | 0.00 |
| Total | 17 | 100.00 |

Table 206 - Household Size

|  | One | Two | Three | Four | Five | Six or more | Total |
| :--- | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| Riders | 0 | 6 | 0 | 3 | 6 | 3 | 17 |
| $\%$ | 0.00 | 33.33 | 0.00 | 16.67 | 33.33 | 16.67 | 100.00 |

Table 207 - Disability

|  | Has disability preventing <br> bus use | Does not have disability <br> preventing bus use | Total |
| :--- | ---: | ---: | ---: |
| Riders | 0 | 17 | 17 |
| $\%$ | 0.00 | 100.00 | 100.00 |

ROUTE 891

Table 208 - Gender

|  | Male | Female | Total |
| :--- | ---: | ---: | ---: |
| Riders | 7 | 20 | 27 |
| $\%$ | 25.33 | 74.67 | 100.00 |

Table 209 - Age

|  | Under 18 | $18-24$ | $25-34$ | $35-44$ | $45-54$ | $55-61$ | $62-64$ | $65+$ | Total |
| :--- | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| Riders | 0 | 5 | 2 | 0 | 5 | 9 | 0 | 7 | 27 |
| $\%$ | 0.00 | 17.33 | 8.00 | 0.00 | 17.33 | 32.00 | 0.00 | 25.33 | 100.00 |

Table 210 - Race

|  |  |  |  |  |  |  |  |
| :--- | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
|  | White | Black or African <br> American | Asian | American Indian or <br> Alaska Native | Multi- <br> racial | Other | Total |
| Riders | 25 | 2 | 0 | 0 | 0 | 0 | 27 |
| $\%$ | 92.00 | 8.00 | 0.00 | 0.00 | 0.00 | 0.00 | 100.00 |

Table 211 - Ethnicity

|  | Spanish/Hispanic/Latino | Not Spanish/Hispanic/Latino | Total |
| :--- | ---: | ---: | ---: |
| Riders | 0 | 27 | 27 |
| $\%$ | 0.00 | 100.00 | 100.00 |

Table 212 - Household Income

| Income | Riders | $\%$ |
| :--- | ---: | ---: |
| Under $\$ 15,000$ | 9 | 36.23 |
| $\$ 15,000-\$ 24,999$ | 7 | 26.09 |
| $\$ 25,000-\$ 34,999$ | 5 | 18.84 |
| $\$ 35,000-\$ 49,999$ | 0 | 0.00 |
| $\$ 50,000-\$ 74,999$ | 5 | 18.84 |
| $\$ 75,000-\$ 99,999$ | 0 | 0.00 |
| $\$ 100,000-\$ 149,999$ | 0 | 0.00 |
| $\$ 150,000-\$ 199,999$ | 0 | 0.00 |
| $\$ 200,000$ or over | 0 | 0.00 |
| Total | 25 | 100.00 |

Table 213 - Number of Household Vehicles

|  |  |  | Three or |  |  |
| :--- | ---: | ---: | ---: | ---: | ---: |
|  | None | One | Two | more | Total |
| Riders | 16 | 12 | 0 | 0 | 27 |
| $\%$ | 57.33 | 42.67 | 0.00 | 0.00 | 100.00 |

Table 214 - Occupation

|  | Riders | $\%$ |
| :--- | ---: | ---: |
| Management/ Professional | 0 | 0.00 |
| Technical/ Skilled | 0 | 0.00 |
| Clerical/ Secretarial | 0 | 0.00 |
| Not currently employed | 4 | 16.00 |
| Non-Office Worker | 0 | 0.00 |
| Sales/Retail | 7 | 25.33 |
| Retired | 7 | 24.00 |
| Student | 0 | 0.00 |
| Homemaker | 0 | 0.00 |
| Other | 9 | 34.67 |
| Total | 27 | 100.00 |

Table 215 - Household Size

|  | One | Two | Three | Four | Five | Six or more | Total |
| :--- | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| Riders | 11 | 7 | 0 | 0 | 5 | 4 | 27 |
| $\%$ | 41.33 | 25.33 | 0.00 | 0.00 | 17.33 | 16.00 | 100.00 |

Table 216 - Disability

|  | Has disability preventing <br> bus use | Does not have disability <br> preventing bus use | Total |
| :--- | ---: | ---: | ---: |
| Riders | 9 | 19 | 27 |
| $\%$ | 32.00 | 68.00 | 100.00 |

## ROUTE 986

Table 217 - Gender

|  | Male | Female | Total |
| :--- | ---: | ---: | ---: |
| Riders | 51 | 83 | 134 |
| $\%$ | 38.23 | 61.77 | 100.00 |

Table 218 - Age

|  | Under 18 | $18-24$ | $25-34$ | $35-44$ | $45-54$ | $55-61$ | $62-64$ | $65+$ | Total |
| :--- | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| Riders | 0 | 6 | 11 | 35 | 45 | 32 | 7 | 4 | 141 |
| $\%$ | 0.00 | 4.50 | 8.07 | 24.43 | 31.98 | 22.95 | 5.13 | 2.94 | 100.00 |

Table 219 - Race

|  |  |  |  |  |  |  |  |
| :--- | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
|  | White | Black or African <br> American | Asian | American Indian or <br> Alaska Native | Multi- <br> racial | Other | Total |
| Riders | 38 | 41 | 16 | 0 | 3 | 16 | 113 |
| $\%$ | 33.38 | 36.13 | 13.74 | 0.00 | 2.74 | 14.01 | 100.00 |

Table 220 - Ethnicity

|  | Spanish/Hispanic/Latino | Not Spanish/Hispanic/Latino | Total |
| :--- | ---: | ---: | ---: |
| Riders | 45 | 83 | 128 |
| $\%$ | 35.22 | 64.78 | 100.00 |

Table 221 - Household Income

| Income | Riders | $\%$ |
| :--- | ---: | ---: |
| Under $\$ 15,000$ | 18 | 15.57 |
| $\$ 15,000-\$ 24,999$ | 17 | 14.93 |
| $\$ 25,000-\$ 34,999$ | 13 | 11.29 |
| $\$ 35,000-\$ 49,999$ | 39 | 34.36 |
| $\$ 50,000-\$ 74,999$ | 7 | 6.41 |
| $\$ 75,000-\$ 99,999$ | 4 | 3.67 |
| $\$ 100,000-\$ 149,999$ | 7 | 6.41 |
| $\$ 150,000-\$ 199,999$ | 0 | 0.00 |
| $\$ 200,000$ or over | 8 | 7.35 |
| Total | 113 | 100.00 |

Table 222 - Number of Household Vehicles

|  |  |  | Three or |  |  |
| :--- | ---: | ---: | ---: | ---: | ---: |
|  | None | One | Two | more | Total |
| Riders | 56 | 51 | 25 | 0 | 132 |
| $\%$ | 42.57 | 38.59 | 18.85 | 0.00 | 100.00 |

Table 223 - Occupation

|  | Riders | $\%$ |
| :--- | ---: | ---: |
| Management/ Professional | 31 | 21.88 |
| Technical/ Skilled | 21 | 14.60 |
| Clerical/ Secretarial | 21 | 14.55 |
| Not currently employed | 0 | 0.00 |
| Non-Office Worker | 35 | 24.39 |
| Sales/Retail | 7 | 5.10 |
| Retired | 0 | 0.00 |
| Student | 0 | 0.00 |
| Homemaker | 3 | 2.18 |
| Other | 25 | 17.30 |
| Total | 142 | 100.00 |

Table 224 - Household Size

|  | One | Two | Three | Four | Five | Six or more | Total |
| :--- | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| Riders | 12 | 28 | 46 | 39 | 6 | 3 | 135 |
| $\%$ | 9.23 | 20.83 | 34.38 | 28.55 | 4.71 | 2.30 | 100.00 |

Table 225 - Disability

|  | Has disability preventing |
| :--- | ---: | ---: | ---: |
| bus use |  |$\quad$| Does not have disability |
| ---: |
| preventing bus use |$\quad$ Total |  | 0 | 130 | 130 |
| :--- | ---: | ---: | ---: |
| Riders | 0.00 | 100.00 | 100.00 |

ROUTE 871_874

| Table 226 - Gender |  |  |  |
| :--- | ---: | ---: | ---: |
|  | Male | Female | Total |
| Riders | 97 | 115 | 212 |
| $\%$ | 45.87 | 54.13 | 100.00 |

Table 227 - Age

|  | Under 18 | $18-24$ | $25-34$ | $35-44$ | $45-54$ | $55-61$ | $62-64$ | $65+$ | Total |
| :--- | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| Riders | 0 | 28 | 71 | 34 | 64 | 14 | 8 | 5 | 224 |
| $\%$ | 0.00 | 12.33 | 31.68 | 15.16 | 28.46 | 6.27 | 3.77 | 2.32 | 100.00 |

Table 228 - Race

|  | White | Black or African <br> American | Asian | American Indian or <br> Alaska Native | Multi- <br> racial | Other | Total |
| :--- | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| Riders | 68 | 30 | 34 | 0 | 25 | 29 | 185 |
| $\%$ | 36.68 | 16.01 | 18.39 | 0.00 | 13.26 | 15.67 | 100.00 |

Table 229 - Ethnicity

|  | Spanish/Hispanic/Latino | Not Spanish/Hispanic/Latino | Total |
| :--- | ---: | ---: | ---: |
| Riders | 97 | 103 | 199 |
| $\%$ | 48.56 | 51.44 | 100.00 |

Table 230 - Household Income

| Income | Riders | $\%$ |
| :--- | ---: | ---: |
| Under $\$ 15,000$ | 59 | 30.07 |
| $\$ 15,000-\$ 24,999$ | 51 | 26.06 |
| $\$ 25,000-\$ 34,999$ | 25 | 12.96 |
| $\$ 35,000-\$ 49,999$ | 12 | 5.90 |
| $\$ 50,000-\$ 74,999$ | 33 | 16.72 |
| $\$ 75,000-\$ 99,999$ | 14 | 7.35 |
| $\$ 100,000-\$ 149,999$ | 2 | 0.94 |
| $\$ 150,000-\$ 199,999$ | 0 | 0.00 |
| $\$ 200,000$ or over | 0 | 0.00 |
| Total | 195 | 100.00 |

Table 231 - Number of Household Vehicles

|  |  |  | Three or |  |  |
| :--- | ---: | ---: | ---: | ---: | ---: |
|  | None | One | Two | more | Total |
| Riders | 133 | 43 | 7 | 13 | 196 |
| $\%$ | 67.93 | 22.03 | 3.59 | 6.46 | 100.00 |

## Table 232 - Occupation

|  | Riders | $\%$ |
| :--- | ---: | ---: |
| Management/ Professional | 7 | 3.42 |
| Technical/ Skilled | 43 | 21.80 |
| Clerical/ Secretarial | 15 | 7.71 |
| Not currently employed | 16 | 7.92 |
| Non-Office Worker | 29 | 14.55 |
| Sales/Retail | 35 | 17.57 |
| Retired | 7 | 3.57 |
| Student | 2 | 1.14 |
| Homemaker | 0 | 0.00 |
| Other | 44 | 22.32 |
| Total | 197 | 100.00 |

Table 233 - Household Size

|  | One | Two | Three | Four | Five | Six or more | Total |
| :--- | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| Riders | 67 | 53 | 44 | 27 | 17 | 0 | 208 |
| $\%$ | 32.21 | 25.33 | 21.26 | 13.21 | 7.98 | 0.00 | 100.00 |

Table 234 - Disability

|  | Has disability preventing <br> bus use | Does not have disability <br> preventing bus use | Total |
| :--- | ---: | ---: | ---: |
| Riders | 13 | 205 | 218 |
| $\%$ | 6.11 | 93.89 | 100.00 |

ROUTE 872_875

| Table 235-Gender |  |  |  |
| :--- | ---: | ---: | ---: |
|  | Male | Female | Total |
| Riders | 94 | 68 | 162 |
| $\%$ | 58.02 | 41.98 | 100.00 |

Table 236 - Age

|  | Under 18 | $18-24$ | $25-34$ | $35-44$ | $45-54$ | $55-61$ | $62-64$ | $65+$ | Total |
| :--- | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| Riders | 11 | 40 | 41 | 6 | 31 | 21 | 2 | 11 | 163 |
| $\%$ | 6.64 | 24.46 | 24.99 | 3.79 | 19.02 | 12.95 | 1.51 | 6.64 | 100.00 |

Table 237 - Race

|  | White | Black or African <br> American | Asian | American Indian or <br> Alaska Native | Multi- <br> racial | Other | Total |
| :--- | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| Riders | 79 | 34 | 2 | 3 | 6 | 24 | 149 |
| $\%$ | 53.36 | 22.95 | 1.66 | 2.08 | 3.74 | 16.21 | 100.00 |

Table 238 - Ethnicity

|  | Spanish/Hispanic/Latino | Not Spanish/Hispanic/Latino | Total |
| :--- | ---: | ---: | ---: |
| Riders | 64 | 88 | 152 |
| $\%$ | 42.35 | 57.65 | 100.00 |

Table 239 - Household Income

| Income | Riders | $\%$ |
| :--- | ---: | ---: |
| Under $\$ 15,000$ | 54 | 47.62 |
| $\$ 15,000-\$ 24,999$ | 14 | 12.65 |
| $\$ 25,000-\$ 34,999$ | 7 | 6.40 |
| $\$ 35,000-\$ 49,999$ | 9 | 7.58 |
| $\$ 50,000-\$ 74,999$ | 11 | 9.67 |
| $\$ 75,000-\$ 99,999$ | 7 | 6.40 |
| $\$ 100,000-\$ 149,999$ | 6 | 5.42 |
| $\$ 150,000-\$ 199,999$ | 0 | 0.00 |
| $\$ 200,000$ or over | 5 | 4.25 |
| Total | 114 | 100.00 |

Table 240 - Number of Household Vehicles

|  |  |  | Three or |  |  |
| :--- | ---: | ---: | ---: | ---: | ---: |
|  | None | One | Two | more | Total |
| Riders | 68 | 46 | 23 | 12 | 149 |
| $\%$ | 45.79 | 30.71 | 15.60 | 7.89 | 100.00 |

Table 241 - Occupation

|  | Riders | $\%$ |
| :--- | ---: | ---: |
| Management/ Professional | 12 | 7.56 |
| Technical/ Skilled | 11 | 7.05 |
| Clerical/ Secretarial | 12 | 7.56 |
| Not currently employed | 15 | 9.61 |
| Non-Office Worker | 3 | 1.92 |
| Sales/Retail | 19 | 12.07 |
| Retired | 11 | 6.73 |
| Student | 51 | 31.74 |
| Homemaker | 0 | 0.00 |
| Other | 25 | 15.76 |
| Total | 161 | 100.00 |

Table 242 - Household Size

|  | One | Two | Three | Four | Five | Six or more | Total |
| :--- | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| Riders | 23 | 38 | 22 | 27 | 9 | 33 | 152 |
| $\%$ | 15.41 | 24.88 | 14.17 | 18.06 | 6.11 | 21.38 | 100.00 |

Table 243 - Disability

|  | Has disability preventing <br> bus use | Does not have disability <br> preventing bus use | Total |
| :--- | ---: | ---: | ---: |
| Riders | 20 | 129 | 149 |
| $\%$ | 13.30 | 86.70 | 100.00 |

ROUTE 873_878

| Table 244 - Gender |  |  |  |
| :--- | ---: | ---: | ---: |
|  | Male | Female | Total |
| Riders | 84 | 87 | 171 |
| $\%$ | 49.24 | 50.76 | 100.00 |

Table 245 - Age

|  | Under 18 | $18-24$ | $25-34$ | $35-44$ | $45-54$ | $55-61$ | $62-64$ | $65+$ | Total |
| :--- | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| Riders | 0 | 24 | 44 | 15 | 16 | 39 | 23 | 13 | 173 |
| $\%$ | 0.00 | 13.74 | 25.58 | 8.68 | 9.08 | 22.49 | 13.05 | 7.38 | 100.00 |

Table 246 - Race

|  | White | Black or African <br> American | Asian | American Indian or <br> Alaska Native | Multi- <br> racial | Other | Total |
| :--- | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| Riders | 42 | 54 | 17 | 0 | 35 | 6 | 155 |
| $\%$ | 27.12 | 35.11 | 11.04 | 0.00 | 22.59 | 4.14 | 100.00 |

Table 247 - Ethnicity

|  | Spanish/Hispanic/Latino | Not Spanish/Hispanic/Latino | Total |
| :--- | ---: | ---: | ---: |
| Riders | 37 | 114 | 151 |
| $\%$ | 24.23 | 75.77 | 100.00 |

Table 248 - Household Income

| Income | Riders | $\%$ |
| :--- | ---: | ---: |
| Under $\$ 15,000$ | 42 | 27.24 |
| $\$ 15,000-\$ 24,999$ | 43 | 27.82 |
| $\$ 25,000-\$ 34,999$ | 6 | 3.98 |
| $\$ 35,000-\$ 49,999$ | 7 | 4.26 |
| $\$ 50,000-\$ 74,999$ | 24 | 16.01 |
| $\$ 75,000-\$ 99,999$ | 6 | 3.98 |
| $\$ 100,000-\$ 149,999$ | 3 | 2.07 |
| $\$ 150,000-\$ 199,999$ | 22 | 14.65 |
| $\$ 200,000$ or over | 0 | 0.00 |
| Total | 153 | 100.00 |

Table 249 - Number of Household Vehicles

|  |  |  | Three or |  |  |
| :--- | ---: | ---: | ---: | ---: | ---: |
|  | None | One | Two | more | Total |
| Riders | 124 | 24 | 19 | 9 | 176 |
| $\%$ | 70.43 | 13.73 | 10.77 | 5.07 | 100.00 |

## Table 250 - Occupation

|  | Riders | $\%$ |
| :--- | ---: | ---: |
| Management/ Professional | 26 | 14.61 |
| Technical/ Skilled | 16 | 8.90 |
| Clerical/ Secretarial | 8 | 4.36 |
| Not currently employed | 6 | 3.42 |
| Non-Office Worker | 20 | 11.64 |
| Sales/Retail | 23 | 13.42 |
| Retired | 19 | 10.76 |
| Student | 17 | 9.70 |
| Homemaker | 3 | 1.86 |
| Other | 37 | 21.34 |
| Total | 175 | 100.00 |

Table 251 - Household Size

|  | One | Two | Three | Four | Five | Six or more | Total |
| :--- | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| Riders | 53 | 62 | 15 | 6 | 15 | 17 | 168 |
| $\%$ | 31.71 | 36.88 | 8.91 | 3.62 | 9.05 | 9.83 | 100.00 |

Table 252 - Disability

|  | Has disability preventing <br> bus use | Does not have disability <br> preventing bus use | Total |
| :--- | ---: | ---: | ---: |
| Riders | 0 | 173 | 173 |
| $\%$ | 0.00 | 100.00 | 100.00 |

ROUTE 890_891

| Table 253-Gender |  |  |  |
| :--- | ---: | ---: | ---: |
|  | Male | Female | Total |
| Riders | 13 | 32 | 44 |
| $\%$ | 28.39 | 71.61 | 100.00 |

Table 254 - Age

|  | Under 18 | $18-24$ | $25-34$ | $35-44$ | $45-54$ | $55-61$ | $62-64$ | $65+$ | Total |
| :--- | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| Riders | 0 | 5 | 2 | 6 | 13 | 9 | 0 | 10 | 44 |
| $\%$ | 0.00 | 10.70 | 4.94 | 12.75 | 29.83 | 19.76 | 0.00 | 22.02 | 100.00 |

Table 255 - Race

|  | White | Black or African <br> American | Asian | American Indian or <br> Alaska Native | Multi- <br> racial | Other | Total |
| :--- | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| Riders | 36 | 5 | 0 | 0 | 0 | 0 | 41 |
| $\%$ | 87.91 | 12.09 | 0.00 | 0.00 | 0.00 | 0.00 | 100.00 |

Table 256 - Ethnicity

|  | Spanish/Hispanic/Latino | Not Spanish/Hispanic/Latino | Total |
| :--- | ---: | ---: | ---: |
| Riders | 3 | 41 | 44 |
| $\%$ | 6.38 | 93.62 | 100.00 |

Table 257 - Household Income

| Income | Riders | $\%$ |
| :--- | ---: | ---: |
| Under $\$ 15,000$ | 12 | 30.40 |
| $\$ 15,000-\$ 24,999$ | 7 | 16.71 |
| $\$ 25,000-\$ 34,999$ | 13 | 33.64 |
| $\$ 35,000-\$ 49,999$ | 0 | 0.00 |
| $\$ 50,000-\$ 74,999$ | 5 | 12.07 |
| $\$ 75,000-\$ 99,999$ | 3 | 7.19 |
| $\$ 100,000-\$ 149,999$ | 0 | 0.00 |
| $\$ 150,000-\$ 199,999$ | 0 | 0.00 |
| $\$ 200,000$ or over | 0 | 0.00 |
| Total | 39 | 100.00 |

Table 258 - Number of Household Vehicles

|  |  |  | Three or |  |  |
| :--- | ---: | ---: | ---: | ---: | ---: |
|  | None | One | Two | more | Total |
| Riders | 27 | 14 | 3 | 0 | 44 |
| $\%$ | 60.90 | 32.72 | 6.38 | 0.00 | 100.00 |

## Table 259 - Occupation

|  | Riders | $\%$ |
| :--- | ---: | ---: |
| Management/ Professional | 8 | 19.13 |
| Technical/ Skilled | 0 | 0.00 |
| Clerical/ Secretarial | 0 | 0.00 |
| Not currently employed | 10 | 22.63 |
| Non-Office Worker | 0 | 0.00 |
| Sales/Retail | 7 | 15.64 |
| Retired | 9 | 21.19 |
| Student | 0 | 0.00 |
| Homemaker | 0 | 0.00 |
| Other | 9 | 21.40 |
| Total | 44 | 100.00 |

Table 260 - Household Size

|  | One | Two | Three | Four | Five | Six or more | Total |
| :--- | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| Riders | 11 | 13 | 0 | 3 | 10 | 7 | 44 |
| $\%$ | 25.52 | 28.39 | 0.00 | 6.38 | 23.46 | 16.26 | 100.00 |

Table 261 - Disability

|  | Has disability preventing <br> bus use | Does not have disability <br> preventing bus use | Total |
| :--- | ---: | ---: | ---: |
| Riders | 9 | 36 | 44 |
| $\%$ | 19.76 | 80.24 | 100.00 |

## APPENDIX B

## TRAVEL CHARACTERISTICS

This appendix, APPENDIX B, contains detailed tables relating to riders' travel characteristics, whereas APPENDIX A contained detailed tables pertaining to rider characteristics. The results presented in both appendices pertain to all riders surveyed through this study in two time periods, Fall 2017 and Spring 2018. Usable data was collected by the two rounds of surveys from a total of 3,795 bus riders traveling by any of 25 routes. The results presented in both memoranda are weighted results. The weights were generated by following a methodology used by NJ TRANSIT that uses direction of trip, time of day, and ridership volume. In addition to correcting for time of day and direction, the weights inflate the survey respondents to total riders. Thus the data tables show results for weekday daily riders instead of the sample of surveyed riders.

In addition to providing route-specific results, this appendix provides results for some of the routes that were combined because of small volumes of riders and survey respondents. The tables for individual routes are presented first, followed by combined routes. For each individual and combined route, 11 tables are presented. Including combined routes, this appendix contains a total of 319 tables.

The tables in this appendix are organized by bus market. The routes for each market are shown below. The detailed tables are presented in the same sequence as shown.

Hudson County Group: Rt. 2, Rt. 10, Rt. 88, Rt. 119.
Burlington County Group: Rt. 406. Rt. 414, Rt. 612
Middlesex Monmouth County Group: Rt. 48, Rt. 805, Rt. 830, Rt. 831, Rt. 832, Rt. 834, Rt. 837, and Rt. 838.

Morris County Group: Rt. 871, Rt. 872, Rt. 873, Rt. 874, Rt. 875, Rt. 878, Rt. 880, Rt. 890, Rt. 891, and Rt. 986. In addition, separate tables are provided for these route combinations: Rt. 871_874, Rt. 872_875, Rt. 873_878, Rt. 890_891.

## DATA TABLES

## ROUTE 2

Table 1 - Origin Place

|  | Riders | $\%$ |
| :--- | ---: | ---: |
| Home | 1767 | 60.70 |
| Work | 735 | 25.25 |
| Shopping | 45 | 1.55 |
| Personal business | 58 | 1.99 |
| Medical/dental | 45 | 1.55 |
| Social/recreational | 12 | 0.41 |
| School(K-12) | 56 | 1.92 |
| Technical, college or university | 13 | 0.45 |
| Other | 180 | 6.18 |
| Total | 2911 | 100.00 |

Table 2 - Destination Place

|  | Riders | $\%$ |
| :--- | ---: | ---: |
| Home | 577 | 21.96 |
| Work | 1680 | 63.95 |
| Shopping | 41 | 1.56 |
| Personal business | 53 | 2.02 |
| Medical/dental | 47 | 1.79 |
| Social/recreational | 20 | 0.76 |
| School(K-12) | 31 | 1.18 |
| Technical, college or university | 114 | 4.34 |
| Other | 64 | 2.44 |
| Total | 2627 | 100.00 |

Table 3 - Access Mode

|  | Riders | $\%$ |
| :--- | ---: | ---: |
| Walked only | 1376 | 49.32 |
| Drove a Car and Parked | 26 | 0.93 |
| Carpooled/Dropped Off | 44 | 1.58 |
| Another bus | 901 | 32.29 |
| Light Rail | 42 | 1.51 |
| NJT Train | 308 | 11.04 |
| PATH | 85 | 3.05 |
| Bike | 8 | 0.29 |
| Taxi | 0 | 0.00 |
| Uber or other app-based service | 0 | 0.00 |
| Other | 0 | 0.00 |
| Total | 2790 | 100.00 |

Table 4 - Egress Mode

|  | Riders | $\%$ |
| :--- | ---: | ---: |
| Walk only | 1655 | 66.28 |
| Drive Only | 29 | 1.16 |
| Carpool/Drop Off | 23 | 0.92 |
| Another bus | 446 | 17.86 |
| Light Rail | 34 | 1.36 |
| NJT Train | 117 | 4.69 |
| PATH | 155 | 6.21 |
| Bike | 22 | 0.88 |
| Taxi | 0 | 0.00 |
| Uber or other app-based service | 5 | 0.20 |
| Other | 11 | 0.44 |
| Total | 2497 | 100.00 |

Table 5 - Frequency of Using the Bus Route

|  | Riders | $\%$ |
| :--- | ---: | ---: |
| 7 days/week | 427 | 15.99 |
| 6 days/week | 408 | 15.28 |
| d days/week | 1353 | 50.67 |
| 3-4 days/week | 246 | 9.21 |
| 1-2 days/week | 122 | 4.57 |
| 1-3 days/month | 50 | 1.87 |
| Less than one day/month | 48 | 1.80 |
| Less than one day/year | 0 | 0.00 |
| First time customer | 16 | 0.60 |
| Total | 2670 | 100.00 |

Table 6 - Return Trip Mode

|  | Same Bus | Another Bus | Train | Car | Others | Total |
| :--- | ---: | ---: | ---: | ---: | ---: | ---: |
| Riders | 1617 | 471 | 202 | 138 | 162 | 2590 |
| $\%$ | 62.43 | 18.19 | 7.80 | 5.33 | 6.25 | 100.00 |

Table 7 - Ticket Type

|  | Riders | $\%$ |
| :--- | ---: | ---: |
| One-way Ticket/Cash | 709 | 26.47 |
| Monthly Pass | 1435 | 53.56 |
| Sr. Citizen/Customer with disability/Children | 89 | 3.32 |
| Round Trip(2 One-way) | 160 | 5.97 |
| 10-Trip/Multi-trip | 13 | 0.49 |
| Weekly Pass | 85 | 3.17 |
| Student Monthly Pass | 35 | 1.31 |
| Student One-way | 43 | 1.61 |
| Student 10-Trip | 8 | 0.30 |
| Other | 102 | 3.81 |
| Total | 2679 | 100.00 |

Table 8 - Satisfaction Score

| Score | Riders | $\%$ |
| :--- | ---: | ---: |
| 0 (Not acceptable) | 45 | 1.75 |
| 1 | 27 | 1.05 |
| 2 | 29 | 1.13 |
| 3 | 51 | 1.99 |
| 4 | 100 | 3.89 |
| 5 | 552 | 21.49 |
| 6 | 146 | 5.68 |
| 7 | 314 | 12.22 |
| 8 | 501 | 19.50 |
| 9 | 161 | 6.27 |
| 10 (Excellent) | 643 | 25.03 |
| Total | 2569 | 100.00 |

Mean Satisfaction Score= 7.15
Median Satisfaction Score= 8

Table 9 - Likelihood of Recommending the Service to Friend or Family

|  | Very Likely | Somewhat <br> Likely | Do Not <br> Know | Somewhat <br> Unlikely | Very <br> Unlikely | Total |
| :--- | ---: | ---: | ---: | ---: | ---: | ---: |
| Riders | 1277 | 852 | 193 | 144 | 186 | 2652 |
| $\%$ | 48.15 | 32.13 | 7.28 | 5.43 | 7.01 | 100.00 |

Table 10 - Reason for Using Bus

|  | No other | Best | Occasional |  |
| :--- | ---: | ---: | ---: | ---: |
| option | choice | use | Total |  |
| Riders | 1543 | 873 | 201 | 2617 |
| $\%$ | 58.96 | 33.36 | 7.68 | 100.00 |

Table 11 - Trip Alternatives

|  | Riders | $\%$ |
| :--- | ---: | ---: |
| Would not make the trip | 602 | 22.59 |
| Drive a car | 216 | 8.11 |
| Carpool | 167 | 6.27 |
| Taxi | 264 | 9.91 |
| Uber or other app-based service | 919 | 34.48 |
| Jitney | 51 | 1.91 |
| Walk | 198 | 7.43 |
| Bike | 43 | 1.61 |
| Other | 205 | 7.69 |
| Total | 2665 | 100.00 |

## ROUTE 10

Table 12 - Origin Place

|  | Riders | $\%$ |
| :--- | ---: | ---: |
| Home | 2352 | 65.06 |
| Work | 424 | 11.73 |
| Shopping | 50 | 1.38 |
| Personal business | 130 | 3.60 |
| Medical/dental | 73 | 2.02 |
| Social/recreational | 11 | 0.30 |
| School(K-12) | 137 | 3.79 |
| Technical, college or university | 319 | 8.82 |
| Other | 119 | 3.29 |
| Total | 3615 | 100.00 |

Table 13 - Destination Place

|  | Riders | $\%$ |
| :--- | ---: | ---: |
| Home | 907 | 26.38 |
| Work | 1059 | 30.80 |
| Shopping | 78 | 2.27 |
| Personal business | 189 | 5.50 |
| Medical/dental | 81 | 2.36 |
| Social/recreational | 43 | 1.25 |
| School(K-12) | 258 | 7.50 |
| Technical, college or university | 643 | 18.70 |
| Other | 180 | 5.24 |
| Total | 3438 | 100.00 |

Table 14 - Access Mode

|  | Riders | $\%$ |
| :--- | ---: | ---: |
| Walked only | 2974 | 83.70 |
| Drove a Car and Parked | 17 | 0.48 |
| Carpooled/Dropped Off | 20 | 0.56 |
| Another bus | 209 | 5.88 |
| Light Rail | 14 | 0.39 |
| NJT Train | 34 | 0.96 |
| PATH | 247 | 6.95 |
| Bike | 5 | 0.14 |
| Taxi | 5 | 0.14 |
| Uber or other app-based service | 11 | 0.31 |
| Other | 17 | 0.48 |
| Total | 3553 | 100.00 |

Table 15 - Egress Mode

|  | Riders | $\%$ |
| :--- | ---: | ---: |
| Walk only | 2649 | 78.79 |
| Drive Only | 15 | 0.45 |
| Carpool/Drop Off | 20 | 0.59 |
| Another bus | 188 | 5.59 |
| Light Rail | 5 | 0.15 |
| NJT Train | 14 | 0.42 |
| PATH | 435 | 12.94 |
| Bike | 0 | 0.00 |
| Taxi | 0 | 0.00 |
| Uber or other app-based service | 11 | 0.33 |
| Other | 25 | 0.74 |
| Total | 3362 | 100.00 |

Table 16 - Frequency of Using the Bus Route

|  | Riders | $\%$ |
| :--- | ---: | ---: |
| 7 days/week | 686 | 19.88 |
| 6 days/week | 334 | 9.68 |
| 5 days/week | 1214 | 35.18 |
| 3-4 days/week | 716 | 20.75 |
| 1-2 days/week | 240 | 6.95 |
| 1-3 days/month | 146 | 4.23 |
| Less than one day/month | 89 | 2.58 |
| Less than one day/year | 11 | 0.32 |
| First time customer | 15 | 0.43 |
| Total | 3451 | 100.00 |

Table 17 - Return Trip Mode

|  | Same Bus | Another Bus | Train | Car | Others | Total |
| :--- | ---: | ---: | ---: | ---: | ---: | ---: |
| Riders | 2246 | 472 | 222 | 155 | 191 | 3286 |
| $\%$ | 68.35 | 14.36 | 6.76 | 4.72 | 5.81 | 100.00 |

Table 18 - Ticket Type

|  | Riders | $\%$ |
| :--- | ---: | ---: |
| One-way Ticket/Cash | 1512 | 44.04 |
| Monthly Pass | 1253 | 36.50 |
| Sr. Citizen/Customer with disability/Children | 145 | 4.22 |
| Round Trip(2 One-way) | 132 | 3.85 |
| 10-Trip/Multi-trip | 0 | 0.00 |
| Weekly Pass | 9 | 0.26 |
| Student Monthly Pass | 113 | 3.29 |
| Student One-way | 83 | 2.42 |
| Student 10-Trip | 53 | 1.54 |
| Other | 133 | 3.87 |
| Total | 3433 | 100.00 |

Table 19 - Satisfaction Score

| Score | Riders | $\%$ |
| :--- | ---: | ---: |
| 0 (Not acceptable) | 89 | 2.68 |
| 1 | 51 | 1.54 |
| 2 | 69 | 2.08 |
| 3 | 160 | 4.82 |
| 4 | 206 | 6.21 |
| 5 | 719 | 21.67 |
| 6 | 249 | 7.50 |
| 7 | 495 | 14.92 |
| 8 | 515 | 15.52 |
| 9 | 257 | 7.75 |
| 10 (Excellent) | 508 | 15.31 |
| Total | 3318 | 100.00 |

Mean Satisfaction Score= 6.50
Median Satisfaction Score= 7

Table 20 - Likelihood of Recommending the Service to Friend or Family

|  | Very Likely | Somewhat <br> Likely | Do Not <br> Know | Somewhat <br> Unlikely | Very <br> Unlikely | Total |
| :--- | ---: | ---: | ---: | ---: | ---: | ---: |
| Riders | 1194 | 1388 | 386 | 232 | 247 | 3447 |
| $\%$ | 34.64 | 40.27 | 11.20 | 6.73 | 7.17 | 100.00 |

Table 21 - Reason for Using Bus

|  | No other <br> option | Best <br> choice | Occasional |  |
| :--- | ---: | ---: | ---: | ---: |
|  | 1860 | 1331 | 246 | Total |
| Riders | 54.12 | 38.73 | 7.16 | 3437 |
| $\%$ |  |  |  | 100.00 |

Table 22 - Trip Alternatives

|  | Riders | $\%$ |
| :--- | ---: | ---: |
| Would not make the trip | 430 | 11.73 |
| Drive a car | 413 | 11.27 |
| Carpool | 145 | 3.96 |
| Taxi | 311 | 8.49 |
| Uber or other app-based service | 962 | 26.25 |
| Jitney | 507 | 13.83 |
| Walk | 376 | 10.26 |
| Bike | 88 | 2.40 |
| Other | 433 | 11.81 |
| Total | 3665 | 100.00 |

## ROUTE 88

Table 23 - Origin Place

|  | Riders | $\%$ |
| :--- | ---: | ---: |
| Home | 1541 | 58.24 |
| Work | 380 | 14.36 |
| Shopping | 51 | 1.93 |
| Personal business | 101 | 3.82 |
| Medical/dental | 69 | 2.61 |
| Social/recreational | 36 | 1.36 |
| School(K-12) | 70 | 2.65 |
| Technical, college or university | 214 | 8.09 |
| Other | 184 | 6.95 |
| Total | 2646 | 100.00 |

Table 24 - Destination Place

|  | Riders | $\%$ |
| :--- | ---: | ---: |
| Home | 583 | 24.49 |
| Work | 912 | 38.30 |
| Shopping | 112 | 4.70 |
| Personal business | 125 | 5.25 |
| Medical/dental | 100 | 4.20 |
| Social/recreational | 16 | 0.67 |
| School(K-12) | 103 | 4.33 |
| Technical, college or university | 258 | 10.84 |
| Other | 172 | 7.22 |
| Total | 2381 | 100.00 |

Table 25 - Access Mode

|  | Riders | $\%$ |
| :--- | ---: | ---: |
| Walked only | 2069 | 77.81 |
| Drove a Car and Parked | 16 | 0.60 |
| Carpooled/Dropped Off | 31 | 1.17 |
| Another bus | 383 | 14.40 |
| Light Rail | 19 | 0.71 |
| NJT Train | 29 | 1.09 |
| PATH | 79 | 2.97 |
| Bike | 6 | 0.23 |
| Taxi | 0 | 0.00 |
| Uber or other app-based service | 15 | 0.56 |
| Other | 12 | 0.45 |
| Total | 2659 | 100.00 |

Table 26 - Egress Mode

|  | Riders | $\%$ |
| :--- | ---: | ---: |
| Walk only | 1578 | 66.27 |
| Drive Only | 23 | 0.97 |
| Carpool/Drop Off | 12 | 0.50 |
| Another bus | 522 | 21.92 |
| Light Rail | 64 | 2.69 |
| NJT Train | 7 | 0.29 |
| PATH | 106 | 4.45 |
| Bike | 6 | 0.25 |
| Taxi | 5 | 0.21 |
| Uber or other app-based service | 16 | 0.67 |
| Other | 42 | 1.76 |
| Total | 2381 | 100.00 |

Table 27 - Frequency of Using the Bus Route

|  | Riders | $\%$ |
| :--- | ---: | ---: |
| 7 days/week | 479 | 19.93 |
| 6 days/week | 262 | 10.90 |
| 5 days/week | 838 | 34.86 |
| 3-4 days/week | 419 | 17.43 |
| 1-2 days/week | 168 | 6.99 |
| 1-3 days/month | 98 | 4.08 |
| Less than one day/month | 106 | 4.41 |
| Less than one day/year | 17 | 0.71 |
| First time customer | 17 | 0.71 |
| Total | 2404 | 100.00 |

Table 28 - Return Trip Mode

|  | Same Bus | Another Bus | Train | Car | Others | Total |
| :--- | ---: | ---: | ---: | ---: | ---: | ---: |
| Riders | 1443 | 537 | 24 | 130 | 152 | 2286 |
| $\%$ | 63.12 | 23.49 | 1.05 | 5.69 | 6.65 | 100.00 |

Table 29 - Ticket Type

|  | Riders | $\%$ |
| :--- | ---: | ---: |
| One-way Ticket/Cash | 799 | 33.81 |
| Monthly Pass | 1157 | 48.96 |
| Sr. Citizen/Customer with disability/Children | 133 | 5.63 |
| Round Trip(2 One-way) | 72 | 3.05 |
| 10-Trip/Multi-trip | 9 | 0.38 |
| Weekly Pass | 0 | 0.00 |
| Student Monthly Pass | 52 | 2.20 |
| Student One-way | 61 | 2.58 |
| Student 10-Trip | 3 | 0.13 |
| Other | 77 | 3.26 |
| Total | 2363 | 100.00 |

Table 30 - Satisfaction Score

| Score | Riders | $\%$ |
| :--- | ---: | ---: |
| 0 (Not acceptable) | 19 | 0.84 |
| 1 | 21 | 0.92 |
| 2 | 33 | 1.45 |
| 3 | 95 | 4.18 |
| 4 | 56 | 2.46 |
| 5 | 398 | 17.50 |
| 6 | 138 | 6.07 |
| 7 | 271 | 11.92 |
| 8 | 431 | 18.95 |
| 9 | 304 | 13.37 |
| 10 (Excellent) | 508 | 22.34 |
| Total | 2274 | 100.00 |

Mean Satisfaction Score= 7.29
Median Satisfaction Score= 8

Table 31 - Likelihood of Recommending the Service to Friend or Family

|  | Very Likely | Somewhat <br> Likely | Do Not <br> Know | Somewhat <br> Unlikely | Very <br> Unlikely | Total |
| :--- | ---: | ---: | ---: | ---: | ---: | ---: |
| Riders | 1108 | 791 | 223 | 132 | 142 | 2396 |
| $\%$ | 46.24 | 33.01 | 9.31 | 5.51 | 5.93 | 100.00 |

Table 32 - Reason for Using Bus

|  | No other | Best | Occasional |  |
| :--- | ---: | ---: | ---: | ---: |
|  | option | choice | use | Total |
| Riders | 1273 | 877 | 194 | 2344 |
| $\%$ | 54.31 | 37.41 | 8.28 | 100.00 |

Table 33 - Trip Alternatives

|  | Riders | $\%$ |
| :--- | ---: | ---: |
| Would not make the trip | 310 | 11.98 |
| Drive a car | 242 | 9.35 |
| Carpool | 79 | 3.05 |
| Taxi | 188 | 7.27 |
| Uber or other app-based service | 730 | 28.22 |
| Jitney | 282 | 10.90 |
| Walk | 285 | 11.02 |
| Bike | 47 | 1.82 |
| Other | 424 | 16.39 |
| Total | 2587 | 100.00 |

## ROUTE 119

Table 34 - Origin Place

|  | Riders | $\%$ |
| :--- | ---: | ---: |
| Home | 2470 | 64.68 |
| Work | 634 | 16.60 |
| Shopping | 97 | 2.54 |
| Personal business | 100 | 2.62 |
| Medical/dental | 86 | 2.25 |
| Social/recreational | 11 | 0.29 |
| School(K-12) | 101 | 2.64 |
| Technical, college or university | 164 | 4.29 |
| Other | 156 | 4.08 |
| Total | 3819 | 100.00 |

Table 35 - Destination Place

|  | Riders | $\%$ |
| :--- | ---: | ---: |
| Home | 915 | 26.40 |
| Work | 1676 | 48.36 |
| Shopping | 111 | 3.20 |
| Personal business | 138 | 3.98 |
| Medical/dental | 86 | 2.48 |
| Social/recreational | 18 | 0.52 |
| School(K-12) | 165 | 4.76 |
| Technical, college or university | 164 | 4.73 |
| Other | 193 | 5.57 |
| Total | 3466 | 100.00 |

Table 36 - Access Mode

|  | Riders | $\%$ |
| :--- | ---: | ---: |
| Walked only | 3291 | 85.70 |
| Drove a Car and Parked | 49 | 1.28 |
| Carpooled/Dropped Off | 30 | 0.78 |
| Another bus | 170 | 4.43 |
| Light Rail | 6 | 0.16 |
| NJT Train | 11 | 0.29 |
| PATH | 122 | 3.18 |
| Bike | 11 | 0.29 |
| Taxi | 0 | 0.00 |
| Uber or other app-based service | 23 | 0.60 |
| Other | 127 | 3.31 |
| Total | 3840 | 100.00 |

Table 37 - Egress Mode

|  | Riders | $\%$ |
| :--- | ---: | ---: |
| Walk only | 2691 | 77.35 |
| Drive Only | 37 | 1.06 |
| Carpool/Drop Off | 0 | 0.00 |
| Another bus | 135 | 3.88 |
| Light Rail | 30 | 0.86 |
| NJT Train | 20 | 0.57 |
| PATH | 191 | 5.49 |
| Bike | 0 | 0.00 |
| Taxi | 22 | 0.63 |
| Uber or other app-based service | 16 | 0.46 |
| Other | 337 | 9.69 |
| Total | 3479 | 100.00 |

Table 38 - Frequency of Using the Bus Route

|  | Riders | $\%$ |
| :--- | ---: | ---: |
| 7 days/week | 372 | 10.63 |
| 6 days/week | 330 | 9.43 |
| d days/week | 1647 | 47.08 |
| 3-4 days/week | 561 | 16.04 |
| 1-2 days/week | 277 | 7.92 |
| 1-3 days/month | 176 | 5.03 |
| Less than one day/month | 72 | 2.06 |
| Less than one day/year | 8 | 0.23 |
| First time customer | 55 | 1.57 |
| Total | 3498 | 100.00 |

Table 39 - Return Trip Mode

|  | Same Bus | Another Bus | Train | Car | Others | Total |
| :--- | ---: | ---: | ---: | ---: | ---: | ---: |
| Riders | 2136 | 539 | 308 | 153 | 239 | 3375 |
| $\%$ | 63.29 | 15.97 | 9.13 | 4.53 | 7.08 | 100.00 |

Table 40 - Ticket Type

|  | Riders | $\%$ |
| :--- | ---: | ---: |
| One-way Ticket/Cash | 1338 | 38.35 |
| Monthly Pass | 1317 | 37.75 |
| Sr. Citizen/Customer with disability/Children | 217 | 6.22 |
| Round Trip(2 One-way) | 135 | 3.87 |
| 10-Trip/Multi-trip | 253 | 7.25 |
| Weekly Pass | 7 | 0.20 |
| Student Monthly Pass | 40 | 1.15 |
| Student One-way | 74 | 2.12 |
| Student 10-Trip | 17 | 0.49 |
| Other | 91 | 2.61 |
| Total | 3489 | 100.00 |

Table 41 - Satisfaction Score

| Score | Riders | $\%$ |
| :--- | ---: | ---: |
| 0 (Not acceptable) | 35 | 1.06 |
| 1 | 19 | 0.58 |
| 2 | 46 | 1.40 |
| 3 | 92 | 2.79 |
| 4 | 147 | 4.46 |
| 5 | 651 | 19.77 |
| 6 | 246 | 7.47 |
| 7 | 603 | 18.31 |
| 8 | 539 | 16.37 |
| 9 | 358 | 10.87 |
| 10 (Excellent) | 557 | 16.91 |
| Total | 3293 | 100.00 |

Mean Satisfaction Score= 6.99
Median Satisfaction Score= 7

Table 42 - Likelihood of Recommending the Service to Friend or Family

|  | Very Likely | Somewhat <br> Likely | Do Not <br> Know | Somewhat <br> Unlikely | Very <br> Unlikely | Total |
| :--- | ---: | ---: | ---: | ---: | ---: | ---: |
| Riders | 1395 | 1323 | 271 | 199 | 285 | 3473 |
| $\%$ | 40.17 | 38.09 | 7.80 | 5.73 | 8.21 | 100.00 |

Table 43 - Reason for Using Bus

|  | No other <br> option | Best <br> choice | Occasional |  |
| :--- | ---: | ---: | ---: | ---: |
|  | 1273 | 1916 | 266 | Total |
| Riders | 36.85 | 55.46 | 7.70 | 100.00 |

Table 44 - Trip Alternatives

|  | Riders | $\%$ |
| :--- | ---: | ---: |
| Would not make the trip | 257 | 6.85 |
| Drive a car | 364 | 9.70 |
| Carpool | 99 | 2.64 |
| Taxi | 156 | 4.16 |
| Uber or other app-based service | 871 | 23.22 |
| Jitney | 310 | 8.26 |
| Walk | 237 | 6.32 |
| Bike | 42 | 1.12 |
| Other | 1415 | 37.72 |
| Total | 3751 | 100.00 |

## ROUTE 406

Table 45 - Origin Place

|  | Riders | $\%$ |
| :--- | ---: | ---: |
| Home | 764 | 53.28 |
| Work | 345 | 24.06 |
| Shopping | 56 | 3.91 |
| Personal business | 91 | 6.35 |
| Medical/dental | 76 | 5.30 |
| Social/recreational | 3 | 0.21 |
| School(K-12) | 13 | 0.91 |
| Technical, college or university | 30 | 2.09 |
| Other | 56 | 3.91 |
| Total | 1434 | 100.00 |

Table 46 - Destination Place

|  | Riders | $\%$ |
| :--- | ---: | ---: |
| Home | 449 | 34.14 |
| Work | 581 | 44.18 |
| Shopping | 43 | 3.27 |
| Personal business | 89 | 6.77 |
| Medical/dental | 32 | 2.43 |
| Social/recreational | 14 | 1.06 |
| School(K-12) | 17 | 1.29 |
| Technical, college or university | 17 | 1.29 |
| Other | 73 | 5.55 |
| Total | 1315 | 100.00 |

Table 47 - Access Mode

|  | Riders | $\%$ |
| :--- | ---: | ---: |
| Walked only | 886 | 62.75 |
| Drove a Car and Parked | 28 | 1.98 |
| Carpooled/Dropped Off | 30 | 2.12 |
| Another bus | 274 | 19.41 |
| Light Rail | 65 | 4.60 |
| NJT Train | 16 | 1.13 |
| PATH | 0 | 0.00 |
| Bike | 25 | 1.77 |
| Taxi | 10 | 0.71 |
| Uber or other app-based service | 3 | 0.21 |
| Other | 75 | 5.31 |
| Total | 1412 | 100.00 |

Table 48 - Egress Mode

|  | Riders | $\%$ |
| :--- | ---: | ---: |
| Walk only | 959 | 75.22 |
| Drive Only | 10 | 0.78 |
| Carpool/Drop Off | 3 | 0.24 |
| Another bus | 213 | 16.71 |
| Light Rail | 43 | 3.37 |
| NJT Train | 10 | 0.78 |
| PATH | 0 | 0.00 |
| Bike | 12 | 0.94 |
| Taxi | 0 | 0.00 |
| Uber or other app-based service | 4 | 0.31 |
| Other | 21 | 1.65 |
| Total | 1275 | 100.00 |

Table 49 - Frequency of Using the Bus Route

|  | Riders | $\%$ |
| :--- | ---: | ---: |
| 7 days/week | 241 | 18.29 |
| 6 days/week | 156 | 11.84 |
| d days/week | 434 | 32.93 |
| 3-4 days/week | 193 | 14.64 |
| 1-2 days/week | 115 | 8.73 |
| 1-3 days/month | 107 | 8.12 |
| Less than one day/month | 42 | 3.19 |
| Less than one day/year | 3 | 0.23 |
| First time customer | 27 | 2.05 |
| Total | 1318 | 100.00 |

Table 50 - Return Trip Mode

|  | Another |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Same Bus | Bus | Train | Car | Others | Total |
| Riders | 860 | 191 | 77 | 70 | 63 | 1261 |
| \% | 68.20 | 15.15 | 6.11 | 5.55 | 5.00 | 100.00 |

Table 51 - Ticket Type

|  | Riders | $\%$ |
| :--- | ---: | ---: |
| One-way Ticket/Cash | 661 | 50.81 |
| Monthly Pass | 411 | 31.59 |
| Sr. Citizen/Customer with disability/Children | 140 | 10.76 |
| Round Trip(2 One-way) | 42 | 3.23 |
| 10-Trip/Multi-trip | 34 | 2.61 |
| Weekly Pass | 0 | 0.00 |
| Student Monthly Pass | 0 | 0.00 |
| Student One-way | 3 | 0.23 |
| Student 10-Trip | 0 | 0.00 |
| Other | 10 | 0.77 |
| Total | 1301 | 100.00 |

Table 52 - Satisfaction Score

| Score | Riders | $\%$ |
| :--- | ---: | ---: |
| 0 (Not acceptable) | 3 | 0.24 |
| 1 | 3 | 0.24 |
| 2 | 7 | 0.55 |
| 3 | 20 | 1.58 |
| 4 | 30 | 2.37 |
| 5 | 258 | 20.38 |
| 6 | 95 | 7.0 |
| 7 | 169 | 13.35 |
| 8 | 181 | 14.30 |
| 9 | 129 | 10.19 |
| 10 (Excellent) | 371 | 29.30 |
| Total | 1266 | 100.00 |

Mean Satisfaction Score= 7.55
Median Satisfaction Score= 8

Table 53 - Likelihood of Recommending the Service to Friend or Family

|  | Very Likely | Somewhat <br> Likely | Do Not <br> Know | Somewhat <br> Unlikely | Very <br> Unlikely | Total |
| :--- | ---: | ---: | ---: | ---: | ---: | ---: |
| Riders | 604 | 408 | 106 | 73 | 128 | 1319 |
| $\%$ | 45.79 | 30.93 | 8.04 | 5.53 | 9.70 | 100.00 |

Table 54 - Reason for Using Bus

|  | No other | Best | Occasional |  |
| :--- | ---: | ---: | ---: | ---: |
|  | option | choice | use | Total |
| Riders | 799 | 372 | 142 | 1313 |
| $\%$ | 60.85 | 28.33 | 10.81 | 100.00 |

Table 55 - Trip Alternatives

|  | Riders | $\%$ |
| :--- | ---: | ---: |
| Would not make the trip | 292 | 20.01 |
| Drive a car | 192 | 13.16 |
| Carpool | 104 | 7.13 |
| Taxi | 206 | 14.12 |
| Uber or other app-based service | 380 | 26.05 |
| Jitney | 3 | 0.21 |
| Walk | 138 | 9.46 |
| Bike | 32 | 2.19 |
| Other | 112 | 7.68 |
| Total | 1459 | 100.00 |

## ROUTE 414

Table 56 - Origin Place

|  | Riders | $\%$ |
| :--- | ---: | ---: |
| Home | 50 | 92.59 |
| Work | 2 | 3.70 |
| Shopping | 0 | 0.00 |
| Personal business | 0 | 0.00 |
| Medical/dental | 0 | 0.00 |
| Social/recreational | 0 | 0.00 |
| School(K-12) | 0 | 0.00 |
| Technical, college or university | 0 | 0.00 |
| Other | 2 | 3.70 |
| Total | 54 | 100.00 |

Table 57 - Destination Place

|  | Riders | $\%$ |
| :--- | ---: | ---: |
| Home | 5 | 9.09 |
| Work | 50 | 90.91 |
| Sopping | 0 | 0.00 |
| Personal business | 0 | 0.00 |
| Medical/dental | 0 | 0.00 |
| Social/recreational | 0 | 0.00 |
| School(K-12) | 0 | 0.00 |
| Technical, college or university | 0 | 0.00 |
| Other | 0 | 0.00 |
| Total | 55 | 100.00 |

Table 58 - Access Mode

|  | Riders | $\%$ |
| :--- | ---: | ---: |
| Walked only | 42 | 79.25 |
| Drove a Car and Parked | 2 | 3.77 |
| Carpooled/Dropped Off | 7 | 13.21 |
| Another bus | 2 | 3.77 |
| Light Rail | 0 | 0.00 |
| NJT Train | 0 | 0.00 |
| PATH | 0 | 0.00 |
| Bike | 0 | 0.00 |
| Taxi | 0 | 0.00 |
| Uber or other app-based service | 0 | 0.00 |
| Other | 0 | 0.00 |
| Total | 53 | 100.00 |

Table 59 - Egress Mode

|  | Riders | $\%$ |
| :--- | ---: | ---: |
| Walk only | 45 | 83.33 |
| Drive Only | 0 | 0.00 |
| Carpool/Drop Off | 0 | 0.00 |
| Another bus | 7 | 12.96 |
| Light Rail | 0 | 0.00 |
| NJT Train | 0 | 0.00 |
| PATH | 0 | 0.00 |
| Bike | 0 | 0.00 |
| Taxi | 0 | 0.00 |
| Uber or other app-based service | 0 | 0.00 |
| Other | 2 | 3.70 |
| Total | 54 | 100.00 |

Table 60 - Frequency of Using the Bus Route

|  | Riders | $\%$ |
| :--- | ---: | ---: |
| 7 days/week | 5 | 9.80 |
| 6 days/week | 2 | 3.92 |
| 5 days/week | 35 | 68.63 |
| 3-4 days/week | 5 | 9.80 |
| 1-2 days/week | 2 | 3.92 |
| 1-3 days/month | 2 | 3.92 |
| Less than one day/month | 0 | 0.00 |
| Less than one day/year | 0 | 0.00 |
| First time customer | 0 | 0.00 |
| Total | 51 | 100.00 |

Table 61 - Return Trip Mode

|  | Another |  |  |  |  |  |
| :--- | ---: | ---: | ---: | ---: | ---: | ---: |
|  | Same Bus | Bus | Train | Car | Others | Total |
| Riders | 45 | 10 | 0 | 0 | 0 | 55 |
| $\%$ | 81.82 | 18.18 | 0.00 | 0.00 | 0.00 | 100.00 |

Table 62 - Ticket Type

|  | Riders | $\%$ |
| :--- | ---: | ---: |
| One-way Ticket/Cash | 10 | 19.23 |
| Monthly Pass | 20 | 38.46 |
| Sr. Citizen/Customer with disability/Children | 12 | 23.08 |
| Round Trip(2 One-way) | 0 | 0.00 |
| 10-Trip/Multi-trip | 10 | 19.23 |
| Weekly Pass | 0 | 0.00 |
| Student Monthly Pass | 0 | 0.00 |
| Student One-way | 0 | 0.00 |
| Student 10-Trip | 0 | 0.00 |
| Other | 0 | 0.00 |
| Total | 52 | 100.00 |

Table 63 - Satisfaction Score

| Score | Riders | $\%$ |
| :--- | ---: | ---: |
| 0 (Not acceptable) | 0 | 0.00 |
| 1 | 0 | 0.00 |
| 2 | 0 | 0.00 |
| 3 | 0 | 0.00 |
| 4 | 0 | 0.00 |
| 5 | 7 | 13.73 |
| 6 | 2 | 3.92 |
| 7 | 5 | 9.80 |
| 8 | 17 | 33.33 |
| 9 | 0 | 0.00 |
| 10 (Excellent) | 20 | 39.22 |
| Total | 51 | 100.00 |

Mean Satisfaction Score= 8.14
Median Satisfaction Score= 8

Table 64 - Likelihood of Recommending the Service to Friend or Family

|  | Very Likely | Somewhat <br> Likely | Do Not <br> Know | Somewhat <br> Unlikely | Very <br> Unlikely | Total |
| :--- | ---: | ---: | ---: | ---: | ---: | ---: |
| Riders | 40 | 7 | 2 | 2 | 2 | 53 |
| $\%$ | 75.47 | 13.21 | 3.77 | 3.77 | 3.77 | 100.00 |

Table 65 - Reason for Using Bus

|  | No other option | $\begin{array}{r} \text { Best } \\ \text { choice } \end{array}$ | Occasional use | Total |
| :---: | :---: | :---: | :---: | :---: |
| Riders | 15 | 40 | 0 | 55 |
| \% | 27.27 | 72.73 | 0.00 | 100.00 |

Table 66 - Trip Alternatives

|  | Riders | $\%$ |
| :--- | ---: | ---: |
| Would not make the trip | 10 | 16.39 |
| Drive a car | 17 | 27.87 |
| Carpool | 5 | 8.20 |
| Taxi | 0 | 0.00 |
| Uber or other app-based service | 5 | 8.20 |
| Jitney | 0 | 0.00 |
| Walk | 2 | 3.28 |
| Bike | 2 | 3.28 |
| Other | 20 | 32.79 |
| Total | 61 | 100.00 |

## ROUTE 612

Table 67 - Origin Place

|  | Riders | $\%$ |
| :--- | ---: | ---: |
| Home | 51 | 100.00 |
| Work | 0 | 0.00 |
| Shopping | 0 | 0.00 |
| Personal business | 0 | 0.00 |
| Medical/dental | 0 | 0.00 |
| Social/recreational | 0 | 0.00 |
| School(K-12) | 0 | 0.00 |
| Technical, college or university | 0 | 0.00 |
| Other | 0 | 0.00 |
| Total | 51 | 100.00 |

Table 68 - Destination Place

|  | Riders | $\%$ |
| :--- | ---: | ---: |
| Home | 0 | 0.00 |
| Work | 49 | 96.08 |
| Shopping | 0 | 0.00 |
| Personal business | 2 | 3.92 |
| Medical/dental | 0 | 0.00 |
| Social/recreational | 0 | 0.00 |
| School(K-12) | 0 | 0.00 |
| Technical, college or university | 0 | 0.00 |
| Other | 0 | 0.00 |
| Total | 51 | 100.00 |

Table 69 - Access Mode

|  | Riders | $\%$ |
| :--- | ---: | ---: |
| Walked only | 51 | 100.00 |
| Drove a Car and Parked | 0 | 0.00 |
| Carpooled/Dropped Off | 0 | 0.00 |
| Another bus | 0 | 0.00 |
| Light Rail | 0 | 0.00 |
| NJT Train | 0 | 0.00 |
| PATH | 0 | 0.00 |
| Bike | 0 | 0.00 |
| Taxi | 0 | 0.00 |
| Uber or other app-based service | 0 | 0.00 |
| Other | 0 | 0.00 |
| Total | 51 | 100.00 |

Table 70 - Egress Mode

|  | Riders | $\%$ |
| :--- | ---: | ---: |
| Walk only | 13 | 25.49 |
| Drive Only | 0 | 0.00 |
| Carpool/Drop Off | 0 | 0.00 |
| Another bus | 0 | 0.00 |
| Light Rail | 0 | 0.00 |
| NJT Train | 36 | 70.59 |
| PATH | 0 | 0.00 |
| Bike | 0 | 0.00 |
| Taxi | 0 | 0.00 |
| Uber or other app-based service | 2 | 3.92 |
| Other | 0 | 0.00 |
| Total | 51 | 100.00 |

Table 71 - Frequency of Using the Bus Route

|  | Riders | $\%$ |
| :--- | ---: | ---: |
| 7 days/week | 0 | 0.00 |
| 6 days/week | 0 | 0.00 |
| 5 days/week | 31 | 60.78 |
| 3-4 days/week | 11 | 21.57 |
| 1-2 days/week | 7 | 13.73 |
| 1-3 days/month | 0 | 0.00 |
| Less than one day/month | 2 | 3.92 |
| Less than one day/year | 0 | 0.00 |
| First time customer | 0 | 0.00 |
| Total | 51 | 100.00 |

Table 72 - Return Trip Mode

|  | Another |  |  | Car | Others | Total |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Same Bus | Bus | Train |  |  |  |
| Riders | 31 | 4 | 11 | 4 | 0 | 50 |
| \% | 62.00 | 8.00 | 22.00 | 8.00 | 0.00 | 100.00 |

Table 73 - Ticket Type

|  | Riders | $\%$ |
| :--- | ---: | ---: |
| One-way Ticket/Cash | 9 | 18.37 |
| Monthly Pass | 36 | 73.47 |
| Sr. Citizen/Customer with disability/Children | 4 | 8.16 |
| Round Trip(2 One-way) | 0 | 0.00 |
| 10-Trip/Multi-trip | 0 | 0.00 |
| Weekly Pass | 0 | 0.00 |
| Student Monthly Pass | 0 | 0.00 |
| Student One-way | 0 | 0.00 |
| Student 10-Trip | 0 | 0.00 |
| Other | 0 | 0.00 |
| Total | 49 | 100.00 |

Table 74 - Satisfaction Score

| Score | Riders | $\%$ |
| :--- | ---: | ---: |
| 0 (Not acceptable) | 0 | 0.00 |
| 1 | 0 | 0.00 |
| 2 | 0 | 0.00 |
| 3 | 2 | 3.85 |
| 4 | 0 | 0.00 |
| 5 | 4 | 7.69 |
| 6 | 7 | 13.46 |
| 7 | 16 | 30.77 |
| 8 | 16 | 30.77 |
| 9 | 0 | 0.00 |
| 10 (Excellent) | 7 | 13.46 |
| Total | 52 | 100.00 |

Mean Satisfaction Score= 7.22
Median Satisfaction Score= 7

Table 75 - Likelihood of Recommending the Service to Friend or Family

|  | Very Likely | Somewhat <br> Likely | Do Not <br> Know | Somewhat <br> Unlikely | Very <br> Unlikely | Total |
| :--- | ---: | ---: | ---: | ---: | ---: | ---: |
| Riders | 29 | 18 | 2 | 0 | 2 | 51 |
| $\%$ | 56.86 | 35.29 | 3.92 | 0.00 | 3.92 | 100.00 |

Table 76 - Reason for Using Bus

|  | No other option | $\begin{array}{r} \text { Best } \\ \text { choice } \end{array}$ | Occasional use | Total |
| :---: | :---: | :---: | :---: | :---: |
| Riders | 27 | 22 | 2 | 51 |
| \% | 52.94 | 43.14 | 3.92 | 100.00 |

Table 77 - Trip Alternatives

|  | Riders | $\%$ |
| :--- | ---: | ---: |
| Would not make the trip | 2 | 3.85 |
| Drive a car | 20 | 38.46 |
| Carpool | 0 | 0.00 |
| Taxi | 0 | 0.00 |
| Uber or other app-based service | 24 | 46.15 |
| Jitney | 0 | 0.00 |
| Walk | 2 | 3.85 |
| Bike | 0 | 0.00 |
| Other | 4 | 7.69 |
| Total | 52 | 100.00 |

## ROUTE 48

Table 78 - Origin Place

|  | Riders | $\%$ |
| :--- | ---: | ---: |
| Home | 1193 | 60.07 |
| Work | 319 | 16.06 |
| Shopping | 33 | 1.66 |
| Personal business | 103 | 5.19 |
| Medical/dental | 95 | 4.78 |
| Social/recreational | 18 | 0.91 |
| School(K-12) | 22 | 1.11 |
| Technical, college or university | 62 | 3.12 |
| Other | 141 | 7.10 |
| Total | 1986 | 100.00 |

Table 79 - Destination Place

|  | Riders | $\%$ |
| :--- | ---: | ---: |
| Home | 546 | 29.53 |
| Work | 797 | 43.10 |
| Shopping | 50 | 2.70 |
| Personal business | 118 | 6.38 |
| Medical/dental | 107 | 5.79 |
| Social/recreational | 22 | 1.19 |
| School(K-12) | 37 | 2.00 |
| Technical, college or university | 68 | 3.68 |
| Other | 104 | 5.62 |
| Total | 1849 | 100.00 |

Table 80 - Access Mode

|  | Riders | $\%$ |
| :--- | ---: | ---: |
| Walked only | 1552 | 77.14 |
| Drove a Car and Parked | 17 | 0.84 |
| Carpooled/Dropped Off | 18 | 0.89 |
| Another bus | 265 | 13.17 |
| Light Rail | 7 | 0.35 |
| NJT Train | 115 | 5.72 |
| PATH | 0 | 0.00 |
| Bike | 8 | 0.40 |
| Taxi | 0 | 0.00 |
| Uber or other app-based service | 8 | 0.40 |
| Other | 22 | 1.09 |
| Total | 2012 | 100.00 |

Table 81 - Egress Mode

|  | Riders | $\%$ |
| :--- | ---: | ---: |
| Walk only | 1425 | 75.12 |
| Drive Only | 8 | 0.42 |
| Carpool/Drop Off | 9 | 0.47 |
| Another bus | 213 | 11.23 |
| Light Rail | 0 | 0.00 |
| NJT Train | 224 | 11.81 |
| PATH | 9 | 0.47 |
| Bike | 0 | 0.00 |
| Taxi | 0 | 0.00 |
| Uber or other app-based service | 0 | 0.00 |
| Other | 9 | 0.47 |
| Total | 1897 | 100.00 |

Table 82 - Frequency of Using the Bus Route

|  | Riders | $\%$ |
| :--- | ---: | ---: |
| 7 days/week | 278 | 14.98 |
| 6 days/week | 212 | 11.42 |
| 5 days/week | 663 | 35.72 |
| 3-4 days/week | 339 | 18.27 |
| 1-2 days/week | 177 | 9.54 |
| 1-3 days/month | 120 | 6.47 |
| Less than one day/month | 49 | 2.64 |
| Less than one day/year | 9 | 0.48 |
| First time customer | 9 | 0.48 |
| Total | 1856 | 100.00 |

Table 83 - Return Trip Mode

|  | Another |  |  |  |  |  |
| :--- | ---: | ---: | ---: | ---: | ---: | ---: |
|  | Same Bus | Bus | Train | Car | Others | Total |
| Riders | 1116 | 271 | 144 | 186 | 83 | 1800 |
| $\%$ | 62.00 | 15.06 | 8.00 | 10.33 | 4.61 | 100.00 |

Table 84 - Ticket Type

|  | Riders | $\%$ |
| :--- | ---: | ---: |
| One-way Ticket/Cash | 810 | 43.20 |
| Monthly Pass | 737 | 39.31 |
| Sr. Citizen/Customer with disability/Children | 165 | 8.80 |
| Round Trip(2 One-way) | 64 | 3.41 |
| 10-Trip/Multi-trip | 0 | 0.00 |
| Weekly Pass | 22 | 1.17 |
| Student Monthly Pass | 52 | 2.77 |
| Student One-way | 25 | 1.33 |
| Student 10-Trip | 0 | 0.00 |
| Other | 0 | 0.00 |
| Total | 1875 | 100.00 |

Table 85 - Satisfaction Score

| Score | Riders | $\%$ |
| :--- | ---: | ---: |
| 0 (Not acceptable) | 45 | 2.52 |
| 1 | 12 | 0.67 |
| 2 | 0 | 0.00 |
| 3 | 54 | 3.02 |
| 4 | 83 | 4.64 |
| 5 | 273 | 15.27 |
| 6 | 108 | 6.04 |
| 7 | 278 | 15.55 |
| 8 | 310 | 17.34 |
| 9 | 212 | 11.86 |
| 10 (Excellent) | 413 | 23.10 |
| Total | 1788 | 100.00 |

Mean Satisfaction Score= 7.26
Median Satisfaction Score= 8

Table 86 - Likelihood of Recommending the Service to Friend or Family

|  | Very Likely | Somewhat Likely | Do Not Know | Somewhat Unlikely | Very Unlikely | Total |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Riders | 868 | 675 | 100 | 88 | 124 | 1855 |
| \% | 46.79 | 36.39 | 5.39 | 4.74 | 6.68 | 100.00 |

Table 87 - Reason for Using Bus

|  | No other option | $\begin{array}{r} \text { Best } \\ \text { choice } \end{array}$ | Occasional use | Total |
| :---: | :---: | :---: | :---: | :---: |
| Riders | 1068 | 605 | 202 | 1875 |
| \% | 56.96 | 32.27 | 10.77 | 100.00 |

Table 88 - Trip Alternatives

|  | Riders | $\%$ |
| :--- | ---: | ---: |
| Would not make the trip | 376 | 18.40 |
| Drive a car | 172 | 8.42 |
| Carpool | 77 | 3.77 |
| Taxi | 251 | 12.29 |
| Uber or other app-based service | 609 | 29.81 |
| Jitney | 0 | 0.00 |
| Walk | 269 | 13.17 |
| Bike | 32 | 1.57 |
| Other | 257 | 12.58 |
| Total | 2043 | 100.00 |

## ROUTE 805

Table 89 - Origin Place

|  | Riders | $\%$ |
| :--- | ---: | ---: |
| Home | 304 | 97.75 |
| Work | 7 | 2.25 |
| Shopping | 0 | 0.00 |
| Personal business | 0 | 0.00 |
| Medical/dental | 0 | 0.00 |
| Social/recreational | 0 | 0.00 |
| School(K-12) | 0 | 0.00 |
| Technical, college or university | 0 | 0.00 |
| Other | 0 | 0.00 |
| Total | 311 | 100.00 |

Table 90 - Destination Place

|  | Riders | $\%$ |
| :--- | ---: | ---: |
| Home | 0 | 0.00 |
| Work | 304 | 100.00 |
| Shopping | 0 | 0.00 |
| Personal business | 0 | 0.00 |
| Medical/dental | 0 | 0.00 |
| Social/recreational | 0 | 0.00 |
| School(K-12) | 0 | 0.00 |
| Technical, college or university | 0 | 0.00 |
| Other | 0 | 0.00 |
| Total | 304 | 100.00 |

Table 91 - Access Mode

|  | Riders | $\%$ |
| :--- | ---: | ---: |
| Walked only | 311 | 100.00 |
| Drove a Car and Parked | 0 | 0.00 |
| Carpooled/Dropped Off | 0 | 0.00 |
| Another bus | 0 | 0.00 |
| Light Rail | 0 | 0.00 |
| NJT Train | 0 | 0.00 |
| PATH | 0 | 0.00 |
| Bike | 0 | 0.00 |
| Taxi | 0 | 0.00 |
| Uber or other app-based service | 0 | 0.00 |
| Other | 0 | 0.00 |
| Total | 311 | 100.00 |

Table 92 - Egress Mode

|  | Riders | $\%$ |
| :--- | ---: | ---: |
| Walk only | 15 | 4.84 |
| Drive Only | 0 | 0.00 |
| Carpool/Drop Off | 0 | 0.00 |
| Another bus | 0 | 0.00 |
| Light Rail | 7 | 2.26 |
| NJT Train | 281 | 90.65 |
| PATH | 7 | 2.26 |
| Bike | 0 | 0.00 |
| Taxi | 0 | 0.00 |
| Uber or other app-based service | 0 | 0.00 |
| Other | 0 | 0.00 |
| Total | 310 | 100.00 |

Table 93 - Frequency of Using the Bus Route

|  | Riders | $\%$ |
| :--- | ---: | ---: |
| 7 days/week | 7 | 2.31 |
| 6 days/week | 0 | 0.00 |
| 5 days/week | 271 | 89.44 |
| 3-4 days/week | 25 | 8.25 |
| 1-2 days/week | 0 | 0.00 |
| 1-3 days/month | 0 | 0.00 |
| Less than one day/month | 0 | 0.00 |
| Less than one day/year | 0 | 0.00 |
| First time customer | 0 | 0.00 |
| Total | 303 | 100.00 |

Table 94 - Return Trip Mode

|  | Another |  |  | Car | Others | Total |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Same Bus | Bus | Train |  |  |  |
| Riders | 202 | 7 | 74 | 10 | 10 | 303 |
| \% | 66.67 | 2.31 | 24.42 | 3.30 | 3.30 | 100.00 |

Table 95 - Ticket Type

|  | Riders | $\%$ |
| :--- | ---: | ---: |
| One-way Ticket/Cash | 32 | 10.56 |
| Monthly Pass | 271 | 89.44 |
| Sr. Citizen/Customer with disability/Children | 0 | 0.00 |
| Round Trip(2 One-way) | 0 | 0.00 |
| 10-Trip/Multi-trip | 0 | 0.00 |
| Weekly Pass | 0 | 0.00 |
| Student Monthly Pass | 0 | 0.00 |
| Student One-way | 0 | 0.00 |
| Student 10-Trip | 0 | 0.00 |
| Other | 0 | 0.00 |
| Total | 303 | 100.00 |

Table 96 - Satisfaction Score

| Score | Riders | $\%$ |
| :--- | ---: | ---: |
| 0 (Not acceptable) | 0 | 0.00 |
| 1 | 0 | 0.00 |
| 2 | 7 | 2.36 |
| 3 | 0 | 0.00 |
| 4 | 7 | 2.36 |
| 5 | 52 | 17.57 |
| 6 | 30 | 10.14 |
| 7 | 40 | 13.51 |
| 8 | 84 | 28.38 |
| 9 | 54 | 18.24 |
| 10 (Excellent) | 22 | 7.43 |
| Total | 296 | 100.00 |

Mean Satisfaction Score= 7.23
Median Satisfaction Score= 8

Table 97 - Likelihood of Recommending the Service to Friend or Family

|  | Very Likely | Somewhat <br> Likely | Do Not <br> Know | Somewhat <br> Unlikely | Very <br> Unlikely | Total |
| :--- | ---: | ---: | ---: | ---: | ---: | ---: |
| Riders | 126 | 104 | 7 | 44 | 22 | 303 |
| $\%$ | 41.58 | 34.32 | 2.31 | 14.52 | 7.26 | 100.00 |

Table 98 - Reason for Using Bus

|  | No other option | $\begin{array}{r} \text { Best } \\ \text { choice } \end{array}$ | Occasional use | Total |
| :---: | :---: | :---: | :---: | :---: |
| Riders | 121 | 175 | 7 | 303 |
| \% | 39.93 | 57.76 | 2.31 | 100.00 |

Table 99 - Trip Alternatives

|  | Riders | $\%$ |
| :--- | ---: | ---: |
| Would not make the trip | 22 | 6.45 |
| Drive a car | 121 | 35.48 |
| Carpool | 0 | 0.00 |
| Taxi | 15 | 4.40 |
| Uber or other app-based service | 118 | 34.60 |
| Jitney | 0 | 0.00 |
| Walk | 25 | 7.33 |
| Bike | 15 | 4.40 |
| Other | 25 | 7.33 |
| Total | 341 | 100.00 |

## ROUTE 830

Table 100 - Origin Place

|  | Riders | $\%$ |
| :--- | ---: | ---: |
| Home | 167 | 57.39 |
| Work | 60 | 20.62 |
| Shopping | 9 | 3.09 |
| Personal business | 0 | 0.00 |
| Medical/dental | 0 | 0.00 |
| Social/recreational | 0 | 0.00 |
| School(K-12) | 16 | 5.50 |
| Technical, college or university | 0 | 0.00 |
| Other | 39 | 13.40 |
| Total | 291 | 100.00 |

Table 101 - Destination Place

|  | Riders | $\%$ |
| :--- | ---: | ---: |
| Home | 92 | 36.08 |
| Work | 115 | 45.10 |
| Shopping | 41 | 16.08 |
| Personal business | 7 | 2.75 |
| Medical/dental | 0 | 0.00 |
| Social/recreational | 0 | 0.00 |
| School(K-12) | 0 | 0.00 |
| Technical, college or university | 0 | 0.00 |
| Other | 0 | 0.00 |
| Total | 255 | 100.00 |

Table 102 - Access Mode

|  | Riders | $\%$ |
| :--- | ---: | ---: |
| Walked only | 239 | 77.60 |
| Drove a Car and Parked | 0 | 0.00 |
| Carpooled/Dropped Off | 46 | 14.94 |
| Another bus | 9 | 2.92 |
| Light Rail | 0 | 0.00 |
| NJT Train | 0 | 0.00 |
| PATH | 0 | 0.00 |
| Bike | 14 | 4.55 |
| Taxi | 0 | 0.00 |
| Uber or other app-based service | 0 | 0.00 |
| Other | 0 | 0.00 |
| Total | 308 | 100.00 |

Table 103 - Egress Mode

|  | Riders | $\%$ |
| :--- | ---: | ---: |
| Walk only | 195 | 76.77 |
| Drive Only | 16 | 6.30 |
| Carpool/Drop Off | 9 | 3.54 |
| Another bus | 34 | 13.39 |
| Light Rail | 0 | 0.00 |
| NJT Train | 0 | 0.00 |
| PATH | 0 | 0.00 |
| Bike | 0 | 0.00 |
| Taxi | 0 | 0.00 |
| Uber or other app-based service | 0 | 0.00 |
| Other | 0 | 0.00 |
| Total | 254 | 100.00 |

Table 104 - Frequency of Using the Bus Route

|  | Riders | $\%$ |
| :--- | ---: | ---: |
| 7 days/week | 23 | 8.71 |
| 6 days/week | 37 | 14.02 |
| 5 days/week | 87 | 32.95 |
| 3-4 days/week | 76 | 28.79 |
| 1-2 days/week | 23 | 8.71 |
| 1-3 days/month | 9 | 3.41 |
| Less than one day/month | 0 | 0.00 |
| Less than one day/year | 0 | 0.00 |
| First time customer | 9 | 3.41 |
| Total | 264 | 100.00 |

Table 105 - Return Trip Mode

|  | Another |  |  |  |  |  |
| :--- | ---: | ---: | ---: | ---: | ---: | ---: |
|  | Same Bus | Bus | Train | Car | Others | Total |
| Riders | 195 | 7 | 16 | 16 | 30 | 264 |
| $\%$ | 73.86 | 2.65 | 6.06 | 6.06 | 11.36 | 100.00 |

Table 106 - Ticket Type

|  | Riders | $\%$ |
| :--- | ---: | ---: |
| One-way Ticket/Cash | 181 | 68.82 |
| Monthly Pass | 39 | 14.83 |
| Sr. Citizen/Customer with disability/Children | 27 | 10.27 |
| Round Trip(2 One-way) | 0 | 0.00 |
| 10-Trip/Multi-trip | 0 | 0.00 |
| Weekly Pass | 16 | 6.08 |
| Student Monthly Pass | 0 | 0.00 |
| Student One-way | 0 | 0.00 |
| Student 10-Trip | 0 | 0.00 |
| Other | 0 | 0.00 |
| Total | 263 | 100.00 |

Table 107 - Satisfaction Score

| Score | Riders | $\%$ |
| :--- | ---: | ---: |
| 0 (Not acceptable) | 0 | 0.00 |
| 1 | 0 | 0.00 |
| 2 | 0 | 0.00 |
| 3 | 0 | 0.00 |
| 4 | 14 | 5.76 |
| 5 | 7 | 2.88 |
| 6 | 0 | 0.00 |
| 7 | 30 | 12.35 |
| 8 | 64 | 26.34 |
| 9 | 55 | 22.63 |
| 10 (Excellent) | 73 | 30.04 |
| Total | 243 | 100.00 |

Mean Satisfaction Score= 8.40
Median Satisfaction Score= 9

Table 108 - Likelihood of Recommending the Service to Friend or Family

|  | Very Likely | Somewhat <br> Likely | Do Not <br> Know | Somewhat <br> Unlikely | Very <br> Unlikely | Total |
| :--- | ---: | ---: | ---: | ---: | ---: | ---: |
| Riders | 199 | 48 | 0 | 0 | 0 | 247 |
| $\%$ | 80.57 | 19.43 | 0.00 | 0.00 | 0.00 | 100.00 |

Table 109 - Reason for Using Bus

|  | No other <br> option | Best <br> choice | Occasional | use |
| :--- | ---: | ---: | ---: | ---: |$\quad$ Total | Riders |
| :--- |
| \% |

Table 110 - Trip Alternatives

|  | Riders | $\%$ |
| :--- | ---: | ---: |
| Would not make the trip | 53 | 17.73 |
| Drive a car | 37 | 12.37 |
| Carpool | 16 | 5.35 |
| Taxi | 87 | 29.10 |
| Uber or other app-based service | 14 | 4.68 |
| Jitney | 0 | 0.00 |
| Walk | 9 | 3.01 |
| Bike | 23 | 7.69 |
| Other | 60 | 20.07 |
| Total | 299 | 100.00 |

## ROUTE 831

Table 111 - Origin Place

|  | Riders | $\%$ |
| :--- | ---: | ---: |
| Home | 209 | 62.02 |
| Work | 64 | 18.99 |
| Shopping | 13 | 3.86 |
| Personal business | 13 | 3.86 |
| Medical/dental | 15 | 4.45 |
| Social/recreational | 0 | 0.00 |
| School(K-12) | 0 | 0.00 |
| Technical, college or university | 0 | 0.00 |
| Other | 23 | 6.82 |
| Total | 337 | 100.00 |

Table 112 - Destination Place

|  | Riders | $\%$ |
| :--- | ---: | ---: |
| Home | 97 | 31.19 |
| Work | 139 | 44.69 |
| Shopping | 16 | 5.14 |
| Personal business | 16 | 5.14 |
| Medical/dental | 12 | 3.86 |
| Social/recreational | 0 | 0.00 |
| School(K-12) | 0 | 0.00 |
| Technical, college or university | 8 | 2.57 |
| Other | 23 | 7.40 |
| Total | 311 | 100.00 |

Table 113 - Access Mode

|  | Riders | $\%$ |
| :--- | ---: | ---: |
| Walked only | 301 | 85.03 |
| Drove a Car and Parked | 0 | 0.00 |
| Carpooled/Dropped Off | 15 | 4.24 |
| Another bus | 18 | 5.08 |
| Light Rail | 0 | 0.00 |
| NJT Train | 16 | 4.52 |
| PATH | 0 | 0.00 |
| Bike | 0 | 0.00 |
| Taxi | 0 | 0.00 |
| Uber or other app-based service | 4 | 1.13 |
| Other | 0 | 0.00 |
| Total | 354 | 100.00 |

Table 114 - Egress Mode

|  | Riders | $\%$ |
| :--- | ---: | ---: |
| Walk only | 268 | 81.21 |
| Drive Only | 0 | 0.00 |
| Carpool/Drop Off | 12 | 3.64 |
| Another bus | 34 | 10.30 |
| Light Rail | 0 | 0.00 |
| NJT Train | 0 | 0.00 |
| PATH | 0 | 0.00 |
| Bike | 11 | 3.33 |
| Taxi | 0 | 0.00 |
| Uber or other app-based service | 0 | 0.00 |
| Other | 5 | 1.52 |
| Total | 330 | 100.00 |

Table 115 - Frequency of Using the Bus Route

|  | Riders | $\%$ |
| :--- | ---: | ---: |
| 7 days/week | 49 | 14.67 |
| 6 days/week | 51 | 15.27 |
| d days/week | 98 | 29.34 |
| 3-4 days/week | 56 | 16.77 |
| 1-2 days/week | 42 | 12.57 |
| 1-3 days/month | 20 | 5.99 |
| Less than one day/month | 10 | 2.99 |
| Less than one day/year | 0 | 0.00 |
| First time customer | 8 | 2.40 |
| Total | 334 | 100.00 |

Table 116 - Return Trip Mode

|  | Another |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Same Bus | Bus | Train | Car | Others | Total |
| Riders | 192 | 25 | 51 | 12 | 20 | 300 |
| \% | 64.00 | 8.33 | 17.00 | 4.00 | 6.67 | 100.00 |

Table 117 - Ticket Type

|  | Riders | $\%$ |
| :--- | ---: | ---: |
| One-way Ticket/Cash | 203 | 62.46 |
| Monthly Pass | 50 | 15.38 |
| Sr. Citizen/Customer with disability/Children | 51 | 15.69 |
| Round Trip(2 One-way) | 4 | 1.23 |
| 10-Trip/Multi-trip | 5 | 1.54 |
| Weekly Pass | 0 | 0.00 |
| Student Monthly Pass | 0 | 0.00 |
| Student One-way | 0 | 0.00 |
| Student 10-Trip | 0 | 0.00 |
| Other | 12 | 3.69 |
| Total | 325 | 100.00 |

Table 118 - Satisfaction Score

| Score | Riders | $\%$ |
| :--- | ---: | ---: |
| 0 (Not acceptable) | 0 | 0.00 |
| 1 | 0 | 0.00 |
| 2 | 0 | 0.00 |
| 3 | 13 | 3.96 |
| 4 | 5 | 1.52 |
| 5 | 84 | 25.61 |
| 6 | 5 | 1.52 |
| 7 | 31 | 9.45 |
| 8 | 65 | 19.82 |
| 9 | 24 | 7.32 |
| 10 (Excellent) | 101 | 30.79 |
| Total | 328 | 100.00 |

Mean Satisfaction Score= 7.53
Median Satisfaction Score $=8$

Table 119 - Likelihood of Recommending the Service to Friend or Family

|  | Very Likely | Somewhat <br> Likely | Do Not <br> Know | Somewhat <br> Unlikely | Very <br> Unlikely | Total |
| :--- | ---: | ---: | ---: | ---: | ---: | ---: |
| Riders | 149 | 77 | 46 | 26 | 26 | 324 |
| $\%$ | 45.99 | 23.77 | 14.20 | 8.02 | 8.02 | 100.00 |

Table 120 - Reason for Using Bus

|  | No other option | Best | Occasional use | Total |
| :---: | :---: | :---: | :---: | :---: |
| Riders | 188 | 92 | 29 | 309 |
| \% | 60.84 | 29.77 | 9.39 | 100.00 |

Table 121 - Trip Alternatives

|  | Riders | $\%$ |
| :--- | ---: | ---: |
| Would not make the trip | 40 | 11.02 |
| Drive a car | 32 | 8.82 |
| Carpool | 15 | 4.13 |
| Taxi | 133 | 36.64 |
| Uber or other app-based service | 47 | 12.95 |
| Jitney | 0 | 0.00 |
| Walk | 34 | 9.37 |
| Bike | 35 | 9.64 |
| Other | 27 | 7.44 |
| Total | 363 | 100.00 |

## ROUTE 832

Table 122 - Origin Place

|  | Riders | $\%$ |
| :--- | ---: | ---: |
| Home | 449 | 61.34 |
| Work | 83 | 11.34 |
| Shopping | 25 | 3.42 |
| Personal business | 31 | 4.23 |
| Medical/dental | 4 | 0.55 |
| Social/recreational | 4 | 0.55 |
| School(K-12) | 36 | 4.92 |
| Technical, college or university | 71 | 9.70 |
| Other | 29 | 3.96 |
| Total | 732 | 100.00 |

Table 123 - Destination Place

|  | Riders | $\%$ |
| :--- | ---: | ---: |
| Home | 137 | 20.79 |
| Work | 224 | 33.99 |
| Shopping | 63 | 9.56 |
| Personal business | 38 | 5.77 |
| Medical/dental | 31 | 4.70 |
| Social/recreational | 4 | 0.61 |
| School(K-12) | 33 | 5.01 |
| Technical, college or university | 120 | 18.21 |
| Other | 9 | 1.37 |
| Total | 659 | 100.00 |

Table 124 - Access Mode

|  | Riders | $\%$ |
| :--- | ---: | ---: |
| Walked only | 536 | 73.32 |
| Drove a Car and Parked | 7 | 0.96 |
| Carpooled/Dropped Off | 25 | 3.42 |
| Another bus | 54 | 7.39 |
| Light Rail | 0 | 0.00 |
| NJT Train | 66 | 9.03 |
| PATH | 0 | 0.00 |
| Bike | 18 | 2.46 |
| Taxi | 21 | 2.87 |
| Uber or other app-based service | 0 | 0.00 |
| Other | 4 | 0.55 |
| Total | 731 | 100.00 |

Table 125 - Egress Mode

|  | Riders | $\%$ |
| :--- | ---: | ---: |
| Walk only | 586 | 87.72 |
| Drive Only | 0 | 0.00 |
| Carpool/Drop Off | 4 | 0.60 |
| Another bus | 47 | 7.04 |
| Light Rail | 0 | 0.00 |
| NJT Train | 18 | 2.69 |
| PATH | 0 | 0.00 |
| Bike | 9 | 1.35 |
| Taxi | 0 | 0.00 |
| Uber or other app-based service | 0 | 0.00 |
| Other | 4 | 0.60 |
| Total | 668 | 100.00 |

Table 126 - Frequency of Using the Bus Route

|  | Riders | $\%$ |
| :--- | ---: | ---: |
| 7 days/week | 62 | 9.13 |
| 6 days/week | 64 | 9.43 |
| 5 days/week | 197 | 29.01 |
| 3-4 days/week | 179 | 26.36 |
| 1-2 days/week | 102 | 15.02 |
| 1-3 days/month | 33 | 4.86 |
| Less than one day/month | 29 | 4.27 |
| Less than one day/year | 0 | 0.00 |
| First time customer | 13 | 1.91 |
| Total | 679 | 100.00 |

Table 127 - Return Trip Mode

|  |  | Another |  |  |  |  |
| :--- | ---: | ---: | ---: | ---: | ---: | ---: |
|  | Same Bus | Bus | Train | Car | Others | Total |
| Riders | 495 | 55 | 27 | 42 | 24 | 643 |
| $\%$ | 76.98 | 8.55 | 4.20 | 6.53 | 3.73 | 100.00 |

Table 128 - Ticket Type

|  | Riders | $\%$ |
| :--- | ---: | ---: |
| One-way Ticket/Cash | 385 | 57.46 |
| Monthly Pass | 95 | 14.18 |
| Sr. Citizen/Customer with disability/Children | 93 | 13.88 |
| Round Trip(2 One-way) | 49 | 7.31 |
| 10-Trip/Multi-trip | 0 | 0.00 |
| Weekly Pass | 0 | 0.00 |
| Student Monthly Pass | 22 | 3.28 |
| Student One-way | 4 | 0.60 |
| Student 10-Trip | 0 | 0.00 |
| Other | 22 | 3.28 |
| Total | 670 | 100.00 |

Table 129 - Satisfaction Score

| Score | Riders | $\%$ |
| :--- | ---: | ---: |
| 0 (Not acceptable) | 11 | 1.68 |
| 1 | 7 | 1.07 |
| 2 | 18 | 2.75 |
| 3 | 18 | 2.75 |
| 4 | 49 | 7.48 |
| 5 | 131 | 20.00 |
| 6 | 38 | 5.80 |
| 7 | 110 | 16.79 |
| 8 | 93 | 14.20 |
| 9 | 62 | 9.47 |
| 10 (Excellent) | 118 | 18.02 |
| Total | 655 | 100.00 |

Mean Satisfaction Score= 6.77
Median Satisfaction Score= 7

Table 130 - Likelihood of Recommending the Service to Friend or Family

|  | Very Likely | Somewhat Likely | Do Not Know | Somewhat Unlikely | Very Unlikely | Total |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Riders | 269 | 244 | 75 | 53 | 51 | 692 |
| \% | 38.87 | 35.26 | 10.84 | 7.66 | 7.37 | 100.00 |

Table 131 - Reason for Using Bus

|  | No other option | Best choice | Occasional use | Total |
| :---: | :---: | :---: | :---: | :---: |
| Riders | 408 | 182 | 78 | 668 |
| \% | 61.08 | 27.25 | 11.68 | 100.00 |

Table 132 - Trip Alternatives

|  | Riders | $\%$ |
| :--- | ---: | ---: |
| Would not make the trip | 131 | 16.27 |
| Drive a car | 67 | 8.32 |
| Carpool | 22 | 2.73 |
| Taxi | 289 | 35.90 |
| Uber or other app-based service | 113 | 14.04 |
| Jitney | 0 | 0.00 |
| Walk | 76 | 9.44 |
| Bike | 38 | 4.72 |
| Other | 69 | 8.57 |
| Total | 805 | 100.00 |

## ROUTE 834

Table 133 - Origin Place

|  | Riders | $\%$ |
| :--- | ---: | ---: |
| Home | 229 | 69.39 |
| Work | 15 | 4.55 |
| Shopping | 5 | 1.52 |
| Personal business | 51 | 15.45 |
| Medical/dental | 5 | 1.52 |
| Social/recreational | 0 | 0.00 |
| School(K-12) | 0 | 0.00 |
| Technical, college or university | 0 | 0.00 |
| Other | 25 | 7.58 |
| Total | 330 | 100.00 |

Table 134 - Destination Place

|  | Riders | $\%$ |
| :--- | ---: | ---: |
| Home | 45 | 16.36 |
| Work | 146 | 53.09 |
| Shopping | 25 | 9.09 |
| Personal business | 17 | 6.18 |
| Medical/dental | 15 | 5.45 |
| Social/recreational | 7 | 2.55 |
| School(K-12) | 0 | 0.00 |
| Technical, college or university | 0 | 0.00 |
| Other | 20 | 7.27 |
| Total | 275 | 100.00 |

Table 135 - Access Mode

|  | Riders | $\%$ |
| :--- | ---: | ---: |
| Walked only | 254 | 76.97 |
| Drove a Car and Parked | 0 | 0.00 |
| Carpooled/Dropped Off | 5 | 1.52 |
| Another bus | 64 | 19.39 |
| Light Rail | 0 | 0.00 |
| NJT Train | 0 | 0.00 |
| PATH | 0 | 0.00 |
| Bike | 7 | 2.12 |
| Taxi | 0 | 0.00 |
| Uber or other app-based service | 0 | 0.00 |
| Other | 0 | 0.00 |
| Total | 330 | 100.00 |

Table 136 - Egress Mode

|  | Riders | $\%$ |
| :--- | ---: | ---: |
| Walk only | 219 | 82.95 |
| Drive Only | 0 | 0.00 |
| Carpool/Drop Off | 7 | 2.65 |
| Another bus | 38 | 14.39 |
| Light Rail | 0 | 0.00 |
| NJT Train | 0 | 0.00 |
| PATH | 0 | 0.00 |
| Bike | 0 | 0.00 |
| Taxi | 0 | 0.00 |
| Uber or other app-based service | 0 | 0.00 |
| Other | 0 | 0.00 |
| Total | 264 | 100.00 |

Table 137 - Frequency of Using the Bus Route

|  | Riders | $\%$ |
| :--- | ---: | ---: |
| 7 days/week | 20 | 7.17 |
| 6 days/week | 50 | 17.92 |
| 5 days/week | 44 | 15.77 |
| 3-4 days/week | 79 | 28.32 |
| 1-2 days/week | 76 | 27.24 |
| 1-3 days/month | 5 | 1.79 |
| Less than one day/month | 5 | 1.79 |
| Less than one day/year | 0 | 0.00 |
| First time customer | 0 | 0.00 |
| Total | 279 | 100.00 |

Table 138 - Return Trip Mode

|  | Another |  |  |  |  | Car |
| :--- | ---: | ---: | ---: | ---: | ---: | ---: |
|  | Same Bus | Bus | Train | Others | Total |  |
| Riders | 192 | 20 | 7 | 46 | 5 | 270 |
| $\%$ | 71.11 | 7.41 | 2.59 | 17.04 | 1.85 | 100.00 |

Table 139 - Ticket Type

|  | Riders | $\%$ |
| :--- | ---: | ---: |
| One-way Ticket/Cash | 153 | 54.84 |
| Monthly Pass | 23 | 8.24 |
| Sr. Citizen/Customer with disability/Children | 30 | 10.75 |
| Round Trip(2 One-way) | 51 | 18.28 |
| 10-Trip/Multi-trip | 0 | 0.00 |
| Weekly Pass | 0 | 0.00 |
| Student Monthly Pass | 0 | 0.00 |
| Student One-way | 0 | 0.00 |
| Student 10-Trip | 0 | 0.00 |
| Other | 22 | 7.89 |
| Total | 279 | 100.00 |

Table 140 - Satisfaction Score

| Score | Riders | $\%$ |
| :--- | ---: | ---: |
| 0 (Not acceptable) | 0 | 0.00 |
| 1 | 0 | 0.00 |
| 2 | 0 | 0.00 |
| 3 | 5 | 1.96 |
| 4 | 0 | 0.00 |
| 5 | 49 | 19.22 |
| 6 | 7 | 2.75 |
| 7 | 55 | 21.57 |
| 8 | 63 | 24.71 |
| 9 | 11 | 4.31 |
| 10 (Excellent) | 65 | 25.49 |
| Total | 255 | 100.00 |

Mean Satisfaction Score= 7.61
Median Satisfaction Score $=8$

Table 141 - Likelihood of Recommending the Service to Friend or Family

|  | Very Likely | Somewhat <br> Likely | Do Not <br> Know | Somewhat <br> Unlikely | Very <br> Unlikely | Total |
| :--- | ---: | ---: | ---: | ---: | ---: | ---: |
| Riders | 111 | 106 | 10 | 17 | 35 | 279 |
| $\%$ | 39.78 | 37.99 | 3.58 | 6.09 | 12.54 | 100.00 |

Table 142 - Reason for Using Bus

|  | No other option | $\begin{array}{r} \text { Best } \\ \text { choice } \end{array}$ | Occasional use | Total |
| :---: | :---: | :---: | :---: | :---: |
| Riders | 157 | 100 | 17 | 274 |
| \% | 57.30 | 36.50 | 6.20 | 100.00 |

Table 143 - Trip Alternatives

|  | Riders | $\%$ |
| :--- | ---: | ---: |
| Would not make the trip | 53 | 13.77 |
| Drive a car | 32 | 8.31 |
| Carpool | 11 | 2.86 |
| Taxi | 149 | 38.70 |
| Uber or other app-based service | 71 | 18.44 |
| Jitney | 0 | 0.00 |
| Walk | 22 | 5.71 |
| Bike | 7 | 1.82 |
| Other | 40 | 10.39 |
| Total | 385 | 100.00 |

## ROUTE 837

Table 144 - Origin Place

|  | Riders | $\%$ |
| :--- | ---: | ---: |
| Home | 252 | 60.14 |
| Work | 83 | 19.81 |
| Shopping | 13 | 3.10 |
| Personal business | 13 | 3.10 |
| Medical/dental | 20 | 4.77 |
| Social/recreational | 6 | 1.43 |
| School(K-12) | 0 | 0.00 |
| Technical, college or university | 0 | 0.00 |
| Other | 32 | 7.64 |
| Total | 419 | 100.00 |

Table 145 - Destination Place

|  | Riders | $\%$ |
| :--- | ---: | ---: |
| Home | 133 | 33.17 |
| Work | 168 | 41.90 |
| Shopping | 27 | 6.73 |
| Personal business | 18 | 4.49 |
| Medical/dental | 25 | 6.23 |
| Social/recreational | 12 | 2.99 |
| School(K-12) | 0 | 0.00 |
| Technical, college or university | 12 | 2.99 |
| Other | 6 | 1.50 |
| Total | 401 | 100.00 |

Table 146 - Access Mode

|  | Riders | $\%$ |
| :--- | ---: | ---: |
| Walked only | 394 | 89.55 |
| Drove a Car and Parked | 0 | 0.00 |
| Carpooled/Dropped Off | 14 | 3.18 |
| Another bus | 7 | 1.59 |
| Light Rail | 0 | 0.00 |
| NJT Train | 6 | 1.36 |
| PATH | 0 | 0.00 |
| Bike | 13 | 2.95 |
| Taxi | 0 | 0.00 |
| Uber or other app-based service | 0 | 0.00 |
| Other | 6 | 1.36 |
| Total | 440 | 100.00 |

Table 147 - Egress Mode

|  | Riders | $\%$ |
| :--- | ---: | ---: |
| Walk only | 300 | 74.81 |
| Drive Only | 0 | 0.00 |
| Carpool/Drop Off | 7 | 1.75 |
| Another bus | 56 | 13.97 |
| Light Rail | 0 | 0.00 |
| NJT Train | 6 | 1.50 |
| PATH | 0 | 0.00 |
| Bike | 19 | 4.74 |
| Taxi | 13 | 3.24 |
| Uber or other app-based service | 0 | 0.00 |
| Other | 0 | 0.00 |
| Total | 401 | 100.00 |

Table 148 - Frequency of Using the Bus Route

|  | Riders | $\%$ |
| :--- | ---: | ---: |
| 7 days/week | 24 | 5.93 |
| 6 days/week | 96 | 23.70 |
| 5 days/week | 115 | 28.40 |
| 3-4 days/week | 88 | 21.73 |
| 1-2 days/week | 31 | 7.65 |
| 1-3 days/month | 38 | 9.38 |
| Less than one day/month | 13 | 3.21 |
| Less than one day/year | 0 | 0.00 |
| First time customer | 0 | 0.00 |
| Total | 405 | 100.00 |

Table 149 - Return Trip Mode

|  | Another |  |  |  |  |  |
| :--- | ---: | ---: | ---: | ---: | ---: | ---: |
|  | Same Bus | Bus | Train | Car | Others | Total |
| Riders | 284 | 31 | 20 | 13 | 45 | 393 |
| $\%$ | 72.26 | 7.89 | 5.09 | 3.31 | 11.45 | 100.00 |

Table 150 - Ticket Type

|  | Riders | $\%$ |
| :--- | ---: | ---: |
| One-way Ticket/Cash | 240 | 59.11 |
| Monthly Pass | 26 | 6.40 |
| Sr. Citizen/Customer with disability/Children | 83 | 20.44 |
| Round Trip(2 One-way) | 25 | 6.16 |
| 10-Trip/Multi-trip | 7 | 1.72 |
| Weekly Pass | 13 | 3.20 |
| Student Monthly Pass | 0 | 0.00 |
| Student One-way | 0 | 0.00 |
| Student 10-Trip | 0 | 0.00 |
| Other | 12 | 2.96 |
| Total | 406 | 100.00 |

Table 151 - Satisfaction Score

| Score | Riders | $\%$ |
| :--- | ---: | ---: |
| 0 (Not acceptable) | 13 | 3.43 |
| 1 | 0 | 0.00 |
| 2 | 0 | 0.00 |
| 3 | 18 | 4.75 |
| 4 | 19 | 5.01 |
| 5 | 37 | 9.76 |
| 6 | 14 | 3.69 |
| 7 | 49 | 12.93 |
| 8 | 89 | 23.48 |
| 9 | 7 | 1.85 |
| 10 (Excellent) | 133 | 35.09 |
| Total | 379 | 100.00 |

Mean Satisfaction Score= 7.51
Median Satisfaction Score= 8

Table 152 - Likelihood of Recommending the Service to Friend or Family

|  | Very Likely | Somewhat <br> Likely | Do Not <br> Know | Somewhat <br> Unlikely | Very <br> Unlikely | Total |
| :--- | ---: | ---: | ---: | ---: | ---: | ---: |
| Riders | 217 | 113 | 19 | 39 | 18 | 406 |
| $\%$ | 53.45 | 27.83 | 4.68 | 9.61 | 4.43 | 100.00 |

Table 153 - Reason for Using Bus

|  | No other <br> option | Best <br> choice | Occasional <br> use | Total |
| :--- | ---: | ---: | ---: | ---: |
| Riders | 198 | 152 | 44 | 394 |
| $\%$ | 50.25 | 38.58 | 11.17 | 100.00 |

Table 154 - Trip Alternatives

|  | Riders | $\%$ |
| :--- | ---: | ---: |
| Would not make the trip | 89 | 19.69 |
| Drive a car | 33 | 7.30 |
| Carpool | 0 | 0.00 |
| Taxi | 157 | 34.73 |
| Uber or other app-based service | 53 | 11.73 |
| Jitney | 0 | 0.00 |
| Walk | 25 | 5.53 |
| Bike | 25 | 5.53 |
| Other | 70 | 15.49 |
| Total | 452 | 100.00 |

## ROUTE 838

Table 155 - Origin Place

|  | Riders | $\%$ |
| :--- | ---: | ---: |
| Home | 155 | 49.36 |
| Work | 29 | 9.24 |
| Shopping | 4 | 1.27 |
| Personal business | 10 | 3.18 |
| Medical/dental | 14 | 4.46 |
| Social/recreational | 6 | 1.91 |
| School(K-12) | 4 | 1.27 |
| Technical, college or university | 57 | 18.15 |
| Other | 35 | 11.15 |
| Total | 314 | 100.00 |

Table 156 - Destination Place

|  | Riders | $\%$ |
| :--- | ---: | ---: |
| Home | 85 | 30.36 |
| Work | 103 | 36.79 |
| Shopping | 19 | 6.79 |
| Personal business | 6 | 2.14 |
| Medical/dental | 0 | 0.00 |
| Social/recreational | 14 | 5.00 |
| School(K-12) | 0 | 0.00 |
| Technical, college or university | 49 | 17.50 |
| Other | 4 | 1.43 |
| Total | 280 | 100.00 |

Table 157 - Access Mode

|  | Riders | $\%$ |
| :--- | ---: | ---: |
| Walked only | 199 | 63.17 |
| Drove a Car and Parked | 15 | 4.76 |
| Carpooled/Dropped Off | 21 | 6.67 |
| Another bus | 51 | 16.19 |
| Light Rail | 0 | 0.00 |
| NJT Train | 17 | 5.40 |
| PATH | 0 | 0.00 |
| Bike | 12 | 3.81 |
| Taxi | 0 | 0.00 |
| Uber or other app-based service | 0 | 0.00 |
| Other | 0 | 0.00 |
| Total | 315 | 100.00 |

Table 158 - Egress Mode

|  | Riders | $\%$ |
| :--- | ---: | ---: |
| Walk only | 195 | 68.18 |
| Drive Only | 18 | 6.29 |
| Carpool/Drop Off | 8 | 2.80 |
| Another bus | 26 | 9.09 |
| Light Rail | 0 | 0.00 |
| NJT Train | 23 | 8.04 |
| PATH | 0 | 0.00 |
| Bike | 7 | 2.45 |
| Taxi | 4 | 1.40 |
| Uber or other app-based service | 5 | 1.75 |
| Other | 0 | 0.00 |
| Total | 286 | 100.00 |

Table 159 - Frequency of Using the Bus Route

|  | Riders | $\%$ |
| :--- | ---: | ---: |
| 7 days/week | 23 | 7.72 |
| 6 days/week | 21 | 7.05 |
| 5 days/week | 87 | 29.19 |
| 3-4 days/week | 71 | 23.83 |
| 1-2 days/week | 69 | 23.15 |
| 1-3 days/month | 10 | 3.36 |
| Less than one day/month | 11 | 3.69 |
| Less than one day/year | 0 | 0.00 |
| First time customer | 6 | 2.01 |
| Total | 298 | 100.00 |

Table 160 - Return Trip Mode

|  | Another |  |  |  |  |  |
| :--- | ---: | ---: | ---: | ---: | ---: | ---: |
|  | Same Bus | Bus | Train | Car | Others | Total |
| Riders | 211 | 16 | 8 | 30 | 24 | 289 |
| $\%$ | 73.01 | 5.54 | 2.77 | 10.38 | 8.30 | 100.00 |

Table 161 - Ticket Type

|  | Riders | $\%$ |
| :--- | ---: | ---: |
| One-way Ticket/Cash | 177 | 58.42 |
| Monthly Pass | 79 | 26.07 |
| Sr. Citizen/Customer with disability/Children | 8 | 2.64 |
| Round Trip(2 One-way) | 27 | 8.91 |
| 10-Trip/Multi-trip | 0 | 0.00 |
| Weekly Pass | 0 | 0.00 |
| Student Monthly Pass | 0 | 0.00 |
| Student One-way | 0 | 0.00 |
| Student 10-Trip | 0 | 0.00 |
| Other | 12 | 3.96 |
| Total | 303 | 100.00 |

Table 162 - Satisfaction Score

| Score | Riders | $\%$ |
| :--- | ---: | ---: |
| 0 (Not acceptable) | 0 | 0.00 |
| 1 | 0 | 0.00 |
| 2 | 10 | 3.42 |
| 3 | 6 | 2.05 |
| 4 | 21 | 7.19 |
| 5 | 59 | 20.21 |
| 6 | 20 | 6.85 |
| 7 | 27 | 9.25 |
| 8 | 39 | 13.36 |
| 9 | 43 | 14.73 |
| 10 (Excellent) | 67 | 22.95 |
| Total | 292 | 100.00 |

Mean Satisfaction Score= 7.17
Median Satisfaction Score= 8

Table 163 - Likelihood of Recommending the Service to Friend or Family

|  | Very Likely | Somewhat Likely | Do Not Know | Somewhat Unlikely | Very Unlikely | Total |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Riders | 126 | 83 | 57 | 21 | 15 | 302 |
| \% | 41.72 | 27.48 | 18.87 | 6.95 | 4.97 | 100.00 |

Table 164 - Reason for Using Bus

|  | No other | Best | Occasional |  |
| :--- | ---: | ---: | ---: | ---: |
|  | option | choice | use | Total |
| Riders | 140 | 117 | 26 | 283 |
| $\%$ | 49.47 | 41.34 | 9.19 | 100.00 |

Table 165 - Trip Alternatives

|  | Riders | $\%$ |
| :--- | ---: | ---: |
| Would not make the trip | 52 | 15.38 |
| Drive a car | 58 | 17.16 |
| Carpool | 4 | 1.18 |
| Taxi | 98 | 28.99 |
| Uber or other app-based service | 78 | 23.08 |
| Jitney | 0 | 0.00 |
| Walk | 18 | 5.33 |
| Bike | 22 | 6.51 |
| Other | 8 | 2.37 |
| Total | 338 | 100.00 |

## ROUTE 871

Table 166 - Origin Place

|  | Riders | $\%$ |
| :--- | ---: | ---: |
| Home | 90 | 81.82 |
| Work | 11 | 10.00 |
| Shopping | 0 | 0.00 |
| Personal business | 0 | 0.00 |
| Medical/dental | 0 | 0.00 |
| Social/recreational | 5 | 4.55 |
| School(K-12) | 0 | 0.00 |
| Technical, college or university | 0 | 0.00 |
| Other | 4 | 3.64 |
| Total | 110 | 100.00 |

Table 167 - Destination Place

|  | Riders | $\%$ |
| :--- | ---: | ---: |
| Home | 25 | 22.73 |
| Work | 57 | 51.82 |
| Shopping | 0 | 0.00 |
| Personal business | 0 | 0.00 |
| Medical/dental | 0 | 0.00 |
| Social/recreational | 16 | 14.55 |
| School(K-12) | 0 | 0.00 |
| Technical, college or university | 0 | 0.00 |
| Other | 12 | 10.91 |
| Total | 110 | 100.00 |

Table 168 - Access Mode

|  | Riders | $\%$ |
| :--- | ---: | ---: |
| Walked only | 101 | 89.38 |
| Drove a Car and Parked | 2 | 1.77 |
| Carpooled/Dropped Off | 0 | 0.00 |
| Another bus | 0 | 0.00 |
| Light Rail | 0 | 0.00 |
| NJT Train | 10 | 8.85 |
| PATH | 0 | 0.00 |
| Bike | 0 | 0.00 |
| Taxi | 0 | 0.00 |
| Uber or other app-based service | 0 | 0.00 |
| Other | 0 | 0.00 |
| Total | 113 | 100.00 |

Table 169 - Egress Mode

|  | Riders | $\%$ |
| :--- | ---: | ---: |
| Walk only | 95 | 88.79 |
| Drive Only | 0 | 0.00 |
| Carpool/Drop Off | 0 | 0.00 |
| Another bus | 8 | 7.48 |
| Light Rail | 0 | 0.00 |
| NJT Train | 4 | 3.74 |
| PATH | 0 | 0.00 |
| Bike | 0 | 0.00 |
| Taxi | 0 | 0.00 |
| Uber or other app-based service | 0 | 0.00 |
| Other | 0 | 0.00 |
| Total | 107 | 100.00 |

Table 170 - Frequency of Using the Bus Route

|  | Riders | $\%$ |
| :--- | ---: | ---: |
| 7 days/week | 12 | 10.81 |
| 6 days/week | 17 | 15.32 |
| 5 days/week | 67 | 60.36 |
| 3-4 days/week | 11 | 9.91 |
| 1-2 days/week | 2 | 1.80 |
| 1-3 days/month | 2 | 1.80 |
| Less than one day/month | 0 | 0.00 |
| Less than one day/year | 0 | 0.00 |
| First time customer | 0 | 0.00 |
| Total | 111 | 100.00 |

Table 171 - Return Trip Mode

|  | Another |  |  |  |  | Car |
| :--- | ---: | ---: | ---: | ---: | ---: | ---: |
|  | Same Bus | Bus | Train | Others | Total |  |
| Riders | 57 | 20 | 7 | 13 | 4 | 102 |
| $\%$ | 55.88 | 19.61 | 6.86 | 12.75 | 3.92 | 100.00 |

Table 172 - Ticket Type

|  | Riders | $\%$ |
| :--- | ---: | ---: |
| One-way Ticket/Cash | 59 | 53.15 |
| Monthly Pass | 39 | 35.14 |
| Sr. Citizen/Customer with disability/Children | 5 | 4.50 |
| Round Trip(2 One-way) | 4 | 3.60 |
| 10-Trip/Multi-trip | 0 | 0.00 |
| Weekly Pass | 2 | 1.80 |
| Student Monthly Pass | 0 | 0.00 |
| Student One-way | 0 | 0.00 |
| Student 10-Trip | 0 | 0.00 |
| Other | 2 | 1.80 |
| Total | 111 | 100.00 |

Table 173 - Satisfaction Score

| Score | Riders | $\%$ |
| :--- | ---: | ---: |
| 0 (Not acceptable) | 0 | 0.00 |
| 1 | 0 | 0.00 |
| 2 | 0 | 0.00 |
| 3 | 10 | 10.00 |
| 4 | 0 | 0.00 |
| 5 | 13 | 13.00 |
| 6 | 0 | 0.00 |
| 7 | 4 | 4.00 |
| 8 | 27 | 27.00 |
| 9 | 4 | 4.00 |
| 10 (Excellent) | 42 | 42.00 |
| Total | 100 | 100.00 |

Mean Satisfaction Score= 7.96
Median Satisfaction Score= 8

Table 174 - Likelihood of Recommending the Service to Friend or Family

|  | Very Likely | Somewhat <br> Likely | Do Not <br> Know | Somewhat <br> Unlikely | Very <br> Unlikely | Total |
| :--- | ---: | ---: | ---: | ---: | ---: | ---: |
| Riders | 64 | 27 | 0 | 0 | 16 | 107 |
| $\%$ | 59.81 | 25.23 | 0.00 | 0.00 | 14.95 | 100.00 |

Table 175 - Reason for Using Bus

|  | No other <br> option | Best <br> choice | Occasional <br> use | Total |
| :--- | ---: | ---: | ---: | ---: |
| Riders | 67 | 35 | 4 | 106 |
| $\%$ | 63.21 | 33.02 | 3.77 | 100.00 |

Table 176 - Trip Alternatives

|  | Riders | $\%$ |
| :--- | ---: | ---: |
| Would not make the trip | 36 | 33.33 |
| Drive a car | 5 | 4.63 |
| Carpool | 2 | 1.85 |
| Taxi | 17 | 15.74 |
| Uber or other app-based service | 41 | 37.96 |
| Jitney | 0 | 0.00 |
| Walk | 7 | 6.48 |
| Bike | 0 | 0.00 |
| Other | 0 | 0.00 |
| Total | 108 | 100.00 |

## ROUTE 872

Table 177 - Origin Place

|  | Riders | $\%$ |
| :--- | ---: | ---: |
| Home | 24 | 55.81 |
| Work | 0 | 0.00 |
| Shopping | 0 | 0.00 |
| Personal business | 0 | 0.00 |
| Medical/dental | 0 | 0.00 |
| Social/recreational | 0 | 0.00 |
| School(K-12) | 0 | 0.00 |
| Technical, college or university | 0 | 0.00 |
| Other | 19 | 44.19 |
| Total | 43 | 100.00 |

Table 178 - Destination Place

|  | Riders | $\%$ |
| :--- | ---: | ---: |
| Home | 0 | 0.00 |
| Work | 35 | 83.33 |
| Shopping | 0 | 0.00 |
| Personal business | 5 | 11.90 |
| Medical/dental | 0 | 0.00 |
| Social/recreational | 0 | 0.00 |
| School(K-12) | 0 | 0.00 |
| Technical, college or university | 2 | 4.76 |
| Other | 0 | 0.00 |
| Total | 42 | 100.00 |

Table 179 - Access Mode

|  | Riders | $\%$ |
| :--- | ---: | ---: |
| Walked only | 26 | 63.41 |
| Drove a Car and Parked | 0 | 0.00 |
| Carpooled/Dropped Off | 5 | 12.20 |
| Another bus | 0 | 0.00 |
| Light Rail | 0 | 0.00 |
| NJT Train | 10 | 24.39 |
| PATH | 0 | 0.00 |
| Bike | 0 | 0.00 |
| Taxi | 0 | 0.00 |
| Uber or other app-based service | 0 | 0.00 |
| Other | 0 | 0.00 |
| Total | 41 | 100.00 |

Table 180 - Egress Mode

|  | Riders | $\%$ |
| :--- | ---: | ---: |
| Walk only | 22 | 91.67 |
| Drive Only | 0 | 0.00 |
| Carpool/Drop Off | 0 | 0.00 |
| Another bus | 0 | 0.00 |
| Light Rail | 0 | 0.00 |
| NJT Train | 0 | 0.00 |
| PATH | 0 | 0.00 |
| Bike | 2 | 8.33 |
| Taxi | 0 | 0.00 |
| Uber or other app-based service | 0 | 0.00 |
| Other | 0 | 0.00 |
| Total | 24 | 100.00 |

Table 181 - Frequency of Using the Bus Route

|  | Riders | $\%$ |
| :--- | ---: | ---: |
| 7 days/week | 5 | 11.63 |
| 6 days/week | 2 | 4.65 |
| 5 days/week | 17 | 39.53 |
| 3-4 days/week | 5 | 11.63 |
| 1-2 days/week | 0 | 0.00 |
| 1-3 days/month | 14 | 32.56 |
| Less than one day/month | 0 | 0.00 |
| Less than one day/year | 0 | 0.00 |
| First time customer | 0 | 0.00 |
| Total | 43 | 100.00 |

Table 182 - Return Trip Mode

|  | Another |  |  |  |  |  |
| :--- | ---: | ---: | ---: | ---: | ---: | ---: |
|  | Same Bus | Bus | Train | Car | Others | Total |
| Riders | 38 | 2 | 0 | 2 | 0 | 42 |
| $\%$ | 90.48 | 4.76 | 0.00 | 4.76 | 0.00 | 100.00 |

Table 183 - Ticket Type

|  | Riders | $\%$ |
| :--- | ---: | ---: |
| One-way Ticket/Cash | 10 | 34.48 |
| Monthly Pass | 14 | 48.28 |
| Sr. Citizen/Customer with disability/Children | 0 | 0.00 |
| Round Trip(2 One-way) | 0 | 0.00 |
| 10-Trip/Multi-trip | 0 | 0.00 |
| Weekly Pass | 5 | 17.24 |
| Student Monthly Pass | 0 | 0.00 |
| Student One-way | 0 | 0.00 |
| Student 10-Trip | 0 | 0.00 |
| Other | 0 | 0.00 |
| Total | 29 | 100.00 |

Table 184 - Satisfaction Score

| Score | Riders | $\%$ |
| :--- | ---: | ---: |
| 0 (Not acceptable) | 0 | 0.00 |
| 1 | 5 | 11.63 |
| 2 | 0 | 0.00 |
| 3 | 0 | 0.00 |
| 4 | 0 | 0.00 |
| 5 | 0 | 0.00 |
| 6 | 5 | 11.63 |
| 7 | 0 | 0.00 |
| 8 | 7 | 16.28 |
| 9 | 0 | 0.00 |
| 10 (Excellent) | 26 | 60.47 |
| Total | 43 | 100.00 |

Mean Satisfaction Score= 8.18
Median Satisfaction Score $=10$

Table 185 - Likelihood of Recommending the Service to Friend or Family

|  | Very Likely | Somewhat <br> Likely | Do Not <br> Know | Somewhat <br> Unlikely | Very <br> Unlikely | Total |
| :--- | ---: | ---: | ---: | ---: | ---: | ---: |
| Riders | 14 | 10 | 5 | 0 | 14 | 43 |
| $\%$ | 32.56 | 23.26 | 11.63 | 0.00 | 32.56 | 100.00 |

Table 186 - Reason for Using Bus

|  | No other <br> option | Best <br> choice | Occasional <br> use | Total |
| :--- | ---: | ---: | ---: | ---: |
| Riders | 28 | 15 | 0 | 43 |
| $\%$ | 65.12 | 34.88 | 0.00 | 100.00 |

Table 187 - Trip Alternatives

|  | Riders | $\%$ |
| :--- | ---: | ---: |
| Would not make the trip | 19 | 39.58 |
| Drive a car | 2 | 4.17 |
| Carpool | 5 | 10.42 |
| Taxi | 0 | 0.00 |
| Uber or other app-based service | 15 | 31.25 |
| Jitney | 0 | 0.00 |
| Walk | 0 | 0.00 |
| Bike | 2 | 4.17 |
| Other | 5 | 10.42 |
| Total | 48 | 100.00 |

## ROUTE 873

Table 188 - Origin Place

|  | Riders | $\%$ |
| :--- | ---: | ---: |
| Home | 81 | 51.92 |
| Work | 24 | 15.38 |
| Shopping | 3 | 1.92 |
| Personal business | 8 | 5.13 |
| Medical/dental | 5 | 3.21 |
| Social/recreational | 0 | 0.00 |
| School(K-12) | 0 | 0.00 |
| Technical, college or university | 8 | 5.13 |
| Other | 27 | 17.31 |
| Total | 156 | 100.00 |

Table 189 - Destination Place

|  | Riders | $\%$ |
| :--- | ---: | ---: |
| Home | 33 | 23.74 |
| Work | 66 | 47.48 |
| Shopping | 17 | 12.23 |
| Personal business | 8 | 5.76 |
| Medical/dental | 3 | 2.16 |
| Social/recreational | 0 | 0.00 |
| School(K-12) | 3 | 2.16 |
| Technical, college or university | 3 | 2.16 |
| Other | 6 | 4.32 |
| Total | 139 | 100.00 |

Table 190 - Access Mode

|  | Riders | $\%$ |
| :--- | ---: | ---: |
| Walked only | 119 | 76.77 |
| Drove a Car and Parked | 3 | 1.94 |
| Carpooled/Dropped Off | 3 | 1.94 |
| Another bus | 30 | 19.35 |
| Light Rail | 0 | 0.00 |
| NJT Train | 0 | 0.00 |
| PATH | 0 | 0.00 |
| Bike | 0 | 0.00 |
| Taxi | 0 | 0.00 |
| Uber or other app-based service | 0 | 0.00 |
| Other | 0 | 0.00 |
| Total | 155 | 100.00 |

Table 191 - Egress Mode

|  | Riders | $\%$ |
| :--- | ---: | ---: |
| Walk only | 114 | 75.00 |
| Drive Only | 0 | 0.00 |
| Carpool/Drop Off | 0 | 0.00 |
| Another bus | 29 | 19.08 |
| Light Rail | 0 | 0.00 |
| NJT Train | 0 | 0.00 |
| PATH | 3 | 1.97 |
| Bike | 3 | 1.97 |
| Taxi | 0 | 0.00 |
| Uber or other app-based service | 3 | 1.97 |
| Other | 0 | 0.00 |
| Total | 152 | 100.00 |

Table 192 - Frequency of Using the Bus Route

|  | Riders | $\%$ |
| :--- | ---: | ---: |
| 7 days/week | 13 | 8.72 |
| 6 days/week | 23 | 15.44 |
| 5 days/week | 42 | 28.19 |
| 3-4 days/week | 29 | 19.46 |
| 1-2 days/week | 26 | 17.45 |
| 1-3 days/month | 3 | 2.01 |
| Less than one day/month | 5 | 3.36 |
| Less than one day/year | 0 | 0.00 |
| First time customer | 8 | 5.37 |
| Total | 149 | 100.00 |

Table 193 - Return Trip Mode

|  |  | Another |  |  |  |  |
| :--- | ---: | ---: | ---: | ---: | ---: | ---: |
|  | Same Bus | Bus | Train | Car | Others | Total |
| Riders | 90 | 10 | 20 | 15 | 13 | 148 |
| $\%$ | 60.81 | 6.76 | 13.51 | 10.14 | 8.78 | 100.00 |

Table 194 - Ticket Type

|  | Riders | $\%$ |
| :--- | ---: | ---: |
| One-way Ticket/Cash | 69 | 47.59 |
| Monthly Pass | 24 | 16.55 |
| Sr. Citizen/Customer with disability/Children | 41 | 28.28 |
| Round Trip(2 One-way) | 5 | 3.45 |
| 10-Trip/Multi-trip | 0 | 0.00 |
| Weekly Pass | 0 | 0.00 |
| Student Monthly Pass | 6 | 4.14 |
| Student One-way | 0 | 0.00 |
| Student 10-Trip | 0 | 0.00 |
| Other | 0 | 0.00 |
| Total | 145 | 100.00 |

Table 195 - Satisfaction Score

| Score | Riders | $\%$ |
| :--- | ---: | ---: |
| 0 (Not acceptable) | 6 | 4.14 |
| 1 | 0 | 0.00 |
| 2 | 0 | 0.00 |
| 3 | 0 | 0.00 |
| 4 | 8 | 5.52 |
| 5 | 32 | 22.07 |
| 6 | 6 | 4.14 |
| 7 | 19 | 13.10 |
| 8 | 27 | 18.62 |
| 9 | 15 | 10.34 |
| 10 (Excellent) | 32 | 22.07 |
| Total | 145 | 100.00 |

Mean Satisfaction Score= 7.1
Median Satisfaction Score= 8

Table 196 - Likelihood of Recommending the Service to Friend or Family

|  | Very Likely | Somewhat <br> Likely | Do Not <br> Know | Somewhat <br> Unlikely | Very <br> Unlikely | Total |
| :--- | ---: | ---: | ---: | ---: | ---: | ---: |
| Riders | 94 | 27 | 10 | 8 | 13 | 152 |
| $\%$ | 61.84 | 17.76 | 6.58 | 5.26 | 8.55 | 100.00 |

Table 197 - Reason for Using Bus

|  | No other option | Best choice | Occasional use | Total |
| :---: | :---: | :---: | :---: | :---: |
| Riders | 91 | 37 | 14 | 142 |
| \% | 64.08 | 26.06 | 9.86 | 100.00 |

Table 198 - Trip Alternatives

|  | Riders | $\%$ |
| :--- | ---: | ---: |
| Would not make the trip | 18 | 10.91 |
| Drive a car | 8 | 4.85 |
| Carpool | 3 | 1.82 |
| Taxi | 18 | 10.91 |
| Uber or other app-based service | 61 | 36.97 |
| Jitney | 0 | 0.00 |
| Walk | 19 | 11.52 |
| Bike | 14 | 8.48 |
| Other | 24 | 14.55 |
| Total | 165 | 100.00 |

## ROUTE 874

Table 199 - Origin Place

|  | Riders | $\%$ |
| :--- | ---: | ---: |
| Home | 67 | 57.26 |
| Work | 22 | 18.80 |
| Shopping | 2 | 1.71 |
| Personal business | 8 | 6.84 |
| Medical/dental | 0 | 0.00 |
| Social/recreational | 0 | 0.00 |
| School(K-12) | 0 | 0.00 |
| Technical, college or university | 2 | 1.71 |
| Other | 16 | 13.68 |
| Total | 117 | 100.00 |

Table 200 - Destination Place

|  | Riders | $\%$ |
| :--- | ---: | ---: |
| Home | 15 | 13.64 |
| Work | 53 | 48.18 |
| Shopping | 7 | 6.36 |
| Personal business | 22 | 20.00 |
| Medical/dental | 0 | 0.00 |
| Social/recreational | 0 | 0.00 |
| School(K-12) | 0 | 0.00 |
| Technical, college or university | 0 | 0.00 |
| Other | 13 | 11.82 |
| Total | 110 | 100.00 |

Table 201 - Access Mode

|  | Riders | $\%$ |
| :--- | ---: | ---: |
| Walked only | 81 | 69.23 |
| Drove a Car and Parked | 0 | 0.00 |
| Carpooled/Dropped Off | 0 | 0.00 |
| Another bus | 36 | 30.77 |
| Light Rail | 0 | 0.00 |
| NJT Train | 0 | 0.00 |
| PATH | 0 | 0.00 |
| Bike | 0 | 0.00 |
| Taxi | 0 | 0.00 |
| Uber or other app-based service | 0 | 0.00 |
| Other | 0 | 0.00 |
| Total | 117 | 100.00 |

Table 202 - Egress Mode

|  | Riders | $\%$ |
| :--- | ---: | ---: |
| Walk only | 91 | 77.78 |
| Drive Only | 2 | 1.71 |
| Carpool/Drop Off | 0 | 0.00 |
| Another bus | 24 | 20.51 |
| Light Rail | 0 | 0.00 |
| NJT Train | 0 | 0.00 |
| PATH | 0 | 0.00 |
| Bike | 0 | 0.00 |
| Taxi | 0 | 0.00 |
| Uber or other app-based service | 0 | 0.00 |
| Other | 0 | 0.00 |
| Total | 117 | 100.00 |

Table 203 - Frequency of Using the Bus Route

|  | Riders | $\%$ |
| :--- | ---: | ---: |
| 7 days/week | 0 | 0.00 |
| 6 days/week | 35 | 29.91 |
| 5 days/week | 29 | 24.79 |
| 3-4 days/week | 41 | 35.04 |
| 1-2 days/week | 2 | 1.71 |
| 1-3 days/month | 2 | 1.71 |
| Less than one day/month | 0 | 0.00 |
| Less than one day/year | 0 | 0.00 |
| First time customer | 8 | 6.84 |
| Total | 117 | 100.00 |

Table 204 - Return Trip Mode

|  | Another |  |  |  |  |  |
| :--- | ---: | ---: | ---: | ---: | ---: | ---: |
|  | Same Bus | Bus | Train | Car | Others | Total |
| Riders | 57 | 43 | 0 | 2 | 13 | 115 |
| $\%$ | 49.57 | 37.39 | 0.00 | 1.74 | 11.30 | 100.00 |

Table 205 - Ticket Type

|  | Riders | $\%$ |
| :--- | ---: | ---: |
| One-way Ticket/Cash | 56 | 47.46 |
| Monthly Pass | 40 | 33.90 |
| Sr. Citizen/Customer with disability/Children | 22 | 18.64 |
| Round Trip(2 One-way) | 0 | 0.00 |
| 10-Trip/Multi-trip | 0 | 0.00 |
| Weekly Pass | 0 | 0.00 |
| Student Monthly Pass | 0 | 0.00 |
| Student One-way | 0 | 0.00 |
| Student 10-Trip | 0 | 0.00 |
| Other | 0 | 0.00 |
| Total | 118 | 100.00 |

Table 206 - Satisfaction Score

| Score | Riders | $\%$ |
| :--- | ---: | ---: |
| 0 (Not acceptable) | 0 | 0.00 |
| 1 | 0 | 0.00 |
| 2 | 0 | 0.00 |
| 3 | 0 | 0.00 |
| 4 | 0 | 0.00 |
| 5 | 2 | 1.90 |
| 6 | 2 | 1.90 |
| 7 | 4 | 3.81 |
| 8 | 37 | 35.24 |
| 9 | 11 | 10.48 |
| 10 (Excellent) | 49 | 46.67 |
| Total | 105 | 100.00 |

Mean Satisfaction Score= 8.87
Median Satisfaction Score= 9

Table 207 - Likelihood of Recommending the Service to Friend or Family

|  | Very Likely | Somewhat <br> Likely | Do Not <br> Know | Somewhat <br> Unlikely | Very <br> Unlikely | Total |
| :--- | ---: | ---: | ---: | ---: | ---: | ---: |
| Riders | 67 | 34 | 0 | 2 | 2 | 105 |
| $\%$ | 63.81 | 32.38 | 0.00 | 1.90 | 1.90 | 100.00 |

Table 208 - Reason for Using Bus

|  | No other <br> option | Best <br> choice | Occasional <br> use | Total |
| :--- | ---: | ---: | ---: | ---: |
| Riders | 85 | 19 | 13 | 117 |
| $\%$ | 72.65 | 16.24 | 11.11 | 100.00 |

Table 209 - Trip Alternatives

|  | Riders | $\%$ |
| :--- | ---: | ---: |
| Would not make the trip | 24 | 21.24 |
| Drive a car | 2 | 1.77 |
| Carpool | 11 | 9.73 |
| Taxi | 21 | 18.58 |
| Uber or other app-based service | 37 | 32.74 |
| Jitney | 0 | 0.00 |
| Walk | 4 | 3.54 |
| Bike | 14 | 12.39 |
| Other | 0 | 0.00 |
| Total | 113 | 100.00 |

## ROUTE 875

Table 210 - Origin Place

|  | Riders | $\%$ |
| :--- | ---: | ---: |
| Home | 93 | 75.61 |
| Work | 0 | 0.00 |
| Shopping | 0 | 0.00 |
| Personal business | 11 | 8.94 |
| Medical/dental | 0 | 0.00 |
| Social/recreational | 0 | 0.00 |
| School(K-12) | 0 | 0.00 |
| Technical, college or university | 16 | 13.01 |
| Other | 3 | 2.44 |
| Total | 123 | 100.00 |

Table 211 - Destination Place

|  | Riders | $\%$ |
| :--- | ---: | ---: |
| Home | 38 | 30.89 |
| Work | 28 | 22.76 |
| Shopping | 5 | 4.07 |
| Personal business | 0 | 0.00 |
| Medical/dental | 0 | 0.00 |
| Social/recreational | 0 | 0.00 |
| School(K-12) | 0 | 0.00 |
| Technical, college or university | 42 | 34.15 |
| Other | 10 | 8.13 |
| Total | 123 | 100.00 |

Table 212 - Access Mode

|  | Riders | $\%$ |
| :--- | ---: | ---: |
| Walked only | 111 | 88.10 |
| Drove a Car and Parked | 0 | 0.00 |
| Carpooled/Dropped Off | 6 | 4.76 |
| Another bus | 3 | 2.38 |
| Light Rail | 0 | 0.00 |
| NJT Train | 3 | 2.38 |
| PATH | 0 | 0.00 |
| Bike | 0 | 0.00 |
| Taxi | 0 | 0.00 |
| Uber or other app-based service | 0 | 0.00 |
| Other | 3 | 2.38 |
| Total | 126 | 100.00 |

Table 213 - Egress Mode

|  | Riders | $\%$ |
| :--- | ---: | ---: |
| Walk only | 103 | 85.83 |
| Drive Only | 7 | 5.83 |
| Carpool/Drop Off | 0 | 0.00 |
| Another bus | 3 | 2.50 |
| Light Rail | 0 | 0.00 |
| NJT Train | 7 | 5.83 |
| PATH | 0 | 0.00 |
| Bike | 0 | 0.00 |
| Taxi | 0 | 0.00 |
| Uber or other app-based service | 0 | 0.00 |
| Other | 0 | 0.00 |
| Total | 120 | 100.00 |

Table 214 - Frequency of Using the Bus Route

|  | Riders | $\%$ |
| :--- | ---: | ---: |
| 7 days/week | 0 | 0.00 |
| 6 days/week | 6 | 4.92 |
| 5 days/week | 34 | 27.87 |
| 3-4 days/week | 49 | 40.16 |
| 1-2 days/week | 33 | 27.05 |
| 1-3 days/month | 0 | 0.00 |
| Less than one day/month | 0 | 0.00 |
| Less than one day/year | 0 | 0.00 |
| First time customer | 0 | 0.00 |
| Total | 122 | 100.00 |

Table 215 - Return Trip Mode

|  | Another |  |  |  |  |  |
| :--- | ---: | ---: | ---: | ---: | ---: | ---: |
|  | Same Bus | Bus | Train | Car | Others | Total |
| Riders | 94 | 5 | 2 | 10 | 12 | 123 |
| $\%$ | 76.42 | 4.07 | 1.63 | 8.13 | 9.76 | 100.00 |

Table 216 - Ticket Type

|  | Riders | $\%$ |
| :--- | ---: | ---: |
| One-way Ticket/Cash | 90 | 73.17 |
| Monthly Pass | 11 | 8.94 |
| Sr. Citizen/Customer with disability/Children | 9 | 7.32 |
| Round Trip(2 One-way) | 3 | 2.44 |
| 10-Trip/Multi-trip | 7 | 5.69 |
| Weekly Pass | 0 | 0.00 |
| Student Monthly Pass | 3 | 2.44 |
| Student One-way | 0 | 0.00 |
| Student 10-Trip | 0 | 0.00 |
| Other | 0 | 0.00 |
| Total | 123 | 100.00 |

Table 217 - Satisfaction Score

| Score | Riders | $\%$ |
| :--- | ---: | ---: |
| 0 (Not acceptable) | 0 | 0.00 |
| 1 | 0 | 0.00 |
| 2 | 0 | 0.00 |
| 3 | 2 | 1.64 |
| 4 | 0 | 0.00 |
| 5 | 6 | 4.92 |
| 6 | 3 | 2.46 |
| 7 | 34 | 27.87 |
| 8 | 8 | 6.56 |
| 9 | 33 | 27.05 |
| 10 (Excellent) | 36 | 29.51 |
| Total | 122 | 100.00 |

Mean Satisfaction Score= 8.28
Median Satisfaction Score= 9

Table 218 - Likelihood of Recommending the Service to Friend or Family

|  | Very Likely | Somewhat <br> Likely | Do Not <br> Know | Somewhat <br> Unlikely | Very <br> Unlikely | Total |
| :--- | ---: | ---: | ---: | ---: | ---: | ---: |
| Riders | 59 | 49 | 9 | 0 | 6 | 123 |
| $\%$ | 47.97 | 39.84 | 7.32 | 0.00 | 4.88 | 100.00 |

Table 219 - Reason for Using Bus

|  | No other option | Best choice | Occasional use | Total |
| :---: | :---: | :---: | :---: | :---: |
| Riders | 72 | 38 | 13 | 123 |
| \% | 58.54 | 30.89 | 10.57 | 100.00 |

Table 220 - Trip Alternatives

|  | Riders | $\%$ |
| :--- | ---: | ---: |
| Would not make the trip | 16 | 12.60 |
| Drive a car | 9 | 7.09 |
| Carpool | 6 | 4.72 |
| Taxi | 30 | 23.62 |
| Uber or other app-based service | 38 | 29.92 |
| Jitney | 0 | 0.00 |
| Walk | 26 | 20.47 |
| Bike | 0 | 0.00 |
| Other | 2 | 1.57 |
| Total | 127 | 100.00 |

## ROUTE 878

Table 221 - Origin Place

|  | Riders | $\%$ |
| :--- | ---: | ---: |
| Home | 22 | 100.00 |
| Work | 0 | 0.00 |
| Shopping | 0 | 0.00 |
| Personal business | 0 | 0.00 |
| Medical/dental | 0 | 0.00 |
| Social/recreational | 0 | 0.00 |
| School(K-12) | 0 | 0.00 |
| Technical, college or university | 0 | 0.00 |
| Other | 0 | 0.00 |
| Total | 22 | 100.00 |

Table 222 - Destination Place

|  | Riders | $\%$ |
| :--- | ---: | ---: |
| Home | 0 | 0.00 |
| Work | 22 | 100.00 |
| Shopping | 0 | 0.00 |
| Personal business | 0 | 0.00 |
| Medical/dental | 0 | 0.00 |
| Social/recreational | 0 | 0.00 |
| School(K-12) | 0 | 0.00 |
| Technical, college or university | 0 | 0.00 |
| Other | 0 | 0.00 |
| Total | 22 | 100.00 |

Table 223 - Access Mode

|  | Riders | $\%$ |
| :--- | ---: | ---: |
| Walked only | 0 | 0.00 |
| Drove a Car and Parked | 0 | 0.00 |
| Carpooled/Dropped Off | 0 | 0.00 |
| Another bus | 0 | 0.00 |
| Light Rail | 0 | 0.00 |
| NJT Train | 22 | 100.00 |
| PATH | 0 | 0.00 |
| Bike | 0 | 0.00 |
| Taxi | 0 | 0.00 |
| Uber or other app-based service | 0 | 0.00 |
| Other | 0 | 0.00 |
| Total | 22 | 100.00 |

Table 224 - Egress Mode

|  | Riders | $\%$ |
| :--- | ---: | ---: |
| Walk only | 22 | 100.00 |
| Drive Only | 0 | 0.00 |
| Carpool/Drop Off | 0 | 0.00 |
| Another bus | 0 | 0.00 |
| Light Rail | 0 | 0.00 |
| NJT Train | 0 | 0.00 |
| PATH | 0 | 0.00 |
| Bike | 0 | 0.00 |
| Taxi | 0 | 0.00 |
| Uber or other app-based service | 0 | 0.00 |
| Other | 0 | 0.00 |
| Total | 22 | 100.00 |

Table 225 - Frequency of Using the Bus Route

|  | Riders | $\%$ |
| :--- | ---: | ---: |
| 7 days/week | 0 | 0.00 |
| 6 days/week | 0 | 0.00 |
| 5 days/week | 0 | 0.00 |
| 3-4 days/week | 22 | 100.00 |
| 1-2 days/week | 0 | 0.00 |
| 1-3 days/month | 0 | 0.00 |
| Less than one day/month | 0 | 0.00 |
| Less than one day/year | 0 | 0.00 |
| First time customer | 0 | 0.00 |
| Total | 22 | 100.00 |

Table 226 - Return Trip Mode

|  | Another |  |  |  |  | Car |
| :--- | ---: | ---: | ---: | ---: | ---: | ---: |
|  | Same Bus | Bus | Train | 0 | 0 | 22 |
| Riders | 22 | 0 | 0 | 0 | 0.00 | 100.00 |
| $\%$ | 100.00 | 0.00 | 0.00 | 0.00 | 0.00 |  |

Table 227 - Ticket Type

|  | Riders | $\%$ |
| :--- | ---: | ---: |
| One-way Ticket/Cash | 22 | 100.00 |
| Monthly Pass | 0 | 0.00 |
| Sr. Citizen/Customer with disability/Children | 0 | 0.00 |
| Round Trip(2 One-way) | 0 | 0.00 |
| 10-Trip/Multi-trip | 0 | 0.00 |
| Weekly Pass | 0 | 0.00 |
| Student Monthly Pass | 0 | 0.00 |
| Student One-way | 0 | 0.00 |
| Student 10-Trip | 0 | 0.00 |
| Other | 0 | 0.00 |
| Total | 22 | 100.00 |

Table 228 - Satisfaction Score

| Score | Riders | $\%$ |
| :--- | ---: | ---: |
| 0 (Not acceptable) | 0 | 0.00 |
| 1 | 0 | 0.00 |
| 2 | 0 | 0.00 |
| 3 | 0 | 0.00 |
| 4 | 0 | 0.00 |
| 5 | 0 | 0.00 |
| 6 | 0 | 0.00 |
| 7 | 22 | 100.00 |
| 8 | 0 | 0.00 |
| 9 | 0 | 0.00 |
| 10 (Excellent) | 0 | 0.00 |
| Total | 22 | 100.00 |

Mean Satisfaction Score $=7$
Median Satisfaction Score= 7

Table 229 - Likelihood of Recommending the Service to Friend or Family

|  | Very Likely | Somewhat <br> Likely | Do Not <br> Know | Somewhat <br> Unlikely | Very <br> Unlikely | Total |
| :--- | ---: | ---: | ---: | ---: | ---: | ---: |
| Riders | 22 | 0 | 0 | 0 | 0 | 22 |
| $\%$ | 100.00 | 0.00 | 0.00 | 0.00 | 0.00 | 100.00 |

Table 230 - Reason for Using Bus

|  | No other option | Best choice | Occasional use | Total |
| :---: | :---: | :---: | :---: | :---: |
| Riders | 22 | 0 | 0 | 22 |
| \% | 100.00 | 0.00 | 0.00 | 100.00 |

Table 231 - Trip Alternatives

|  |  |  |
| :--- | ---: | ---: |
| Would not make the trip | 0 | 0.00 |
| Drive a car | 0 | 0.00 |
| Carpool | 0 | 0.00 |
| Taxi | 0 | 0.00 |
| Uber or other app-based service | 22 | 100.00 |
| Jitney | 0 | 0.00 |
| Walk | 0 | 0.00 |
| Bike | 0 | 0.00 |
| Other | 0 | 0.00 |
| Total | 22 | 100.00 |

## ROUTE 880

Table 232 - Origin Place

|  | Riders | $\%$ |
| :--- | ---: | ---: |
| Home | 268 | 70.53 |
| Work | 20 | 5.26 |
| Shopping | 9 | 2.37 |
| Personal business | 11 | 2.89 |
| Medical/dental | 22 | 5.79 |
| Social/recreational | 0 | 0.00 |
| School(K-12) | 0 | 0.00 |
| Technical, college or university | 0 | 0.00 |
| Other | 50 | 13.16 |
| Total | 380 | 100.00 |

Table 233 - Destination Place

|  | Riders | $\%$ |
| :--- | ---: | ---: |
| Home | 81 | 23.14 |
| Work | 157 | 44.86 |
| Shopping | 33 | 9.43 |
| Personal business | 13 | 3.71 |
| Medical/dental | 39 | 11.14 |
| Social/recreational | 0 | 0.00 |
| School(K-12) | 0 | 0.00 |
| Technical, college or university | 0 | 0.00 |
| Other | 27 | 7.71 |
| Total | 350 | 100.00 |

Table 234 - Access Mode

|  | Riders | $\%$ |
| :--- | ---: | ---: |
| Walked only | 346 | 89.18 |
| Drove a Car and Parked | 3 | 0.77 |
| Carpooled/Dropped Off | 16 | 4.12 |
| Another bus | 7 | 1.80 |
| Light Rail | 0 | 0.00 |
| NJT Train | 0 | 0.00 |
| PATH | 3 | 0.77 |
| Bike | 3 | 0.77 |
| Taxi | 6 | 1.55 |
| Uber or other app-based service | 4 | 1.03 |
| Other | 0 | 0.00 |
| Total | 388 | 100.00 |

Table 235 - Egress Mode

|  | Riders | $\%$ |
| :--- | ---: | ---: |
| Walk only | 298 | 84.66 |
| Drive Only | 4 | 1.14 |
| Carpool/Drop Off | 6 | 1.70 |
| Another bus | 20 | 5.68 |
| Light Rail | 0 | 0.00 |
| NJT Train | 3 | 0.85 |
| PATH | 0 | 0.00 |
| Bike | 0 | 0.00 |
| Taxi | 18 | 5.11 |
| Uber or other app-based service | 3 | 0.85 |
| Other | 0 | 0.00 |
| Total | 352 | 100.00 |

Table 236 - Frequency of Using the Bus Route

|  | Riders | $\%$ |
| :--- | ---: | ---: |
| 7 days/week | 21 | 6.03 |
| 6 days/week | 66 | 18.97 |
| 5 days/week | 108 | 31.03 |
| 3-4 days/week | 82 | 23.56 |
| 1-2 days/week | 38 | 10.92 |
| 1-3 days/month | 21 | 6.03 |
| Less than one day/month | 6 | 1.72 |
| Less than one day/year | 0 | 0.00 |
| First time customer | 6 | 1.72 |
| Total | 348 | 100.00 |

Table 237 - Return Trip Mode

|  | Another |  |  |  |  |  |
| :--- | ---: | ---: | ---: | ---: | ---: | ---: |
|  | Same Bus | Bus | Train | Car | Others | Total |
| Riders | 262 | 13 | 34 | 18 | 14 | 341 |
| $\%$ | 76.83 | 3.81 | 9.97 | 5.28 | 4.11 | 100.00 |

Table 238 - Ticket Type

|  | Riders | $\%$ |
| :--- | ---: | ---: |
| One-way Ticket/Cash | 237 | 67.33 |
| Monthly Pass | 38 | 10.80 |
| Sr. Citizen/Customer with disability/Children | 62 | 17.61 |
| Round Trip(2 One-way) | 6 | 1.70 |
| 10-Trip/Multi-trip | 3 | 0.85 |
| Weekly Pass | 6 | 1.70 |
| Student Monthly Pass | 0 | 0.00 |
| Student One-way | 0 | 0.00 |
| Student 10-Trip | 0 | 0.00 |
| Other | 0 | 0.00 |
| Total | 352 | 100.00 |

Table 239 - Satisfaction Score

| Score | Riders | $\%$ |
| :--- | ---: | ---: |
| 0 (Not acceptable) | 0 | 0.00 |
| 1 | 0 | 0.00 |
| 2 | 0 | 0.00 |
| 3 | 6 | 1.71 |
| 4 | 0 | 0.00 |
| 5 | 29 | 8.26 |
| 6 | 14 | 3.99 |
| 7 | 25 | 7.12 |
| 8 | 110 | 31.34 |
| 9 | 52 | 14.81 |
| 10 (Excellent) | 115 | 32.76 |
| Total | 351 | 100.00 |

Mean Satisfaction Score= 8.32
Median Satisfaction Score $=8$

Table 240 - Likelihood of Recommending the Service to Friend or Family

|  | Very Likely | Somewhat <br> Likely | Do Not <br> Know | Somewhat <br> Unlikely | Very <br> Unlikely | Total |
| :--- | ---: | ---: | ---: | ---: | ---: | ---: |
| Riders | 202 | 87 | 11 | 21 | 36 | 357 |
| $\%$ | 56.58 | 24.37 | 3.08 | 5.88 | 10.08 | 100.00 |

Table 241 - Reason for Using Bus

|  | No other option | $\begin{array}{r} \text { Best } \\ \text { choice } \end{array}$ | Occasional use | Total |
| :---: | :---: | :---: | :---: | :---: |
| Riders | 220 | 101 | 36 | 357 |
| \% | 61.62 | 28.29 | 10.08 | 100.00 |

Table 242 - Trip Alternatives

|  | Riders | $\%$ |
| :--- | ---: | ---: |
| Would not make the trip | 70 | 17.46 |
| Drive a car | 10 | 2.49 |
| Carpool | 25 | 6.23 |
| Taxi | 141 | 35.16 |
| Uber or other app-based service | 56 | 13.97 |
| Jitney | 6 | 1.50 |
| Walk | 36 | 8.98 |
| Bike | 6 | 1.50 |
| Other | 51 | 12.72 |
| Total | 401 | 100.00 |

## ROUTE 890

Table 243 - Origin Place

|  | Riders | $\%$ |
| :--- | ---: | ---: |
| Home | 8 | 47.06 |
| Work | 3 | 17.65 |
| Shopping | 0 | 0.00 |
| Personal business | 3 | 17.65 |
| Medical/dental | 0 | 0.00 |
| Social/recreational | 0 | 0.00 |
| School(K-12) | 0 | 0.00 |
| Technical, college or university | 0 | 0.00 |
| Other | 3 | 17.65 |
| Total | 17 | 100.00 |

Table 244 - Destination Place

|  | Riders | $\%$ |
| :--- | ---: | ---: |
| Home | 8 | 47.06 |
| Work | 3 | 17.65 |
| Shopping | 0 | 0.00 |
| Personal business | 0 | 0.00 |
| Medical/dental | 0 | 0.00 |
| Social/recreational | 0 | 0.00 |
| School(K-12) | 0 | 0.00 |
| Technical, college or university | 0 | 0.00 |
| Other | 6 | 35.29 |
| Total | 17 | 100.00 |

Table 245 - Access Mode

|  | Riders | $\%$ |
| :--- | ---: | ---: |
| Walked only | 6 | 35.29 |
| Drove a Car and Parked | 0 | 0.00 |
| Carpooled/Dropped Off | 0 | 0.00 |
| Another bus | 8 | 47.06 |
| Light Rail | 0 | 0.00 |
| NJT Train | 3 | 17.65 |
| PATH | 0 | 0.00 |
| Bike | 0 | 0.00 |
| Taxi | 0 | 0.00 |
| Uber or other app-based service | 0 | 0.00 |
| Other | 0 | 0.00 |
| Total | 17 | 100.00 |

Table 246 - Egress Mode

|  | Riders | $\%$ |
| :--- | ---: | ---: |
| Walk only | 14 | 82.35 |
| Drive Only | 0 | 0.00 |
| Carpool/Drop Off | 0 | 0.00 |
| Another bus | 3 | 17.65 |
| Light Rail | 0 | 0.00 |
| NJT Train | 0 | 0.00 |
| PATH | 0 | 0.00 |
| Bike | 0 | 0.00 |
| Taxi | 0 | 0.00 |
| Uber or other app-based service | 0 | 0.00 |
| Other | 0 | 0.00 |
| Total | 17 | 100.00 |

Table 247 - Frequency of Using the Bus Route

|  | Riders | $\%$ |
| :--- | ---: | ---: |
| 7 days/week | 3 | 16.67 |
| 6 days/week | 0 | 0.00 |
| 5 days/week | 3 | 16.67 |
| 3-4 days/week | 3 | 16.67 |
| 1-2 days/week | 0 | 0.00 |
| 1-3 days/month | 3 | 16.67 |
| Less than one day/month | 6 | 33.33 |
| Less than one day/year | 0 | 0.00 |
| First time customer | 0 | 0.00 |
| Total | 18 | 100.00 |

Table 248 - Return Trip Mode

| Another |  |  |  |  |  |  |
| :--- | ---: | ---: | ---: | ---: | ---: | ---: |
|  | Same Bus | Bus | Train | Car | Others | Total |
| Riders | 11 | 6 | 0 | 0 | 0 | 17 |
| $\%$ | 64.71 | 35.29 | 0.00 | 0.00 | 0.00 | 100.00 |

Table 249 - Ticket Type

|  | Riders | $\%$ |
| :--- | ---: | ---: |
| One-way Ticket/Cash | 14 | 82.35 |
| Monthly Pass | 0 | 0.00 |
| Sr. Citizen/Customer with disability/Children | 3 | 17.65 |
| Round Trip(2 One-way) | 0 | 0.00 |
| 10-Trip/Multi-trip | 0 | 0.00 |
| Weekly Pass | 0 | 0.00 |
| Student Monthly Pass | 0 | 0.00 |
| Student One-way | 0 | 0.00 |
| Student 10-Trip | 0 | 0.00 |
| Other | 0 | 0.00 |
| Total | 17 | 100.00 |

Table 250 - Satisfaction Score

| Score | Riders | $\%$ |
| :--- | ---: | ---: |
| 0 (Not acceptable) | 0 | 0.00 |
| 1 | 0 | 0.00 |
| 2 | 0 | 0.00 |
| 3 | 0 | 0.00 |
| 4 | 0 | 0.00 |
| 5 | 3 | 17.65 |
| 6 | 0 | 0.00 |
| 7 | 3 | 17.65 |
| 8 | 0 | 0.00 |
| 9 | 0 | 0.00 |
| 10 (Excellent) | 11 | 64.71 |
| Total | 17 | 100.00 |

Mean Satisfaction Score= 8.67
Median Satisfaction Score $=10$

Table 251 - Likelihood of Recommending the Service to Friend or Family

|  | Very Likely | Somewhat <br> Likely | Do Not <br> Know | Somewhat <br> Unlikely | Very <br> Unlikely | Total |
| :--- | ---: | ---: | ---: | ---: | ---: | ---: |
| Riders | 11 | 0 | 3 | 0 | 3 | 17 |
| $\%$ | 64.71 | 0.00 | 17.65 | 0.00 | 17.65 | 100.00 |

Table 252 - Reason for Using Bus

|  | No other <br> option | Best <br> choice | Occasional <br> use | Total |
| :--- | ---: | ---: | ---: | ---: |
| Riders | 8 | 6 | 3 | 17 |
| $\%$ | 47.06 | 35.29 | 17.65 | 100.00 |

Table 253 - Trip Alternatives

|  | Riders | $\%$ |
| :--- | ---: | ---: |
| Would not make the trip | 3 | 15.00 |
| Drive a car | 0 | 0.00 |
| Carpool | 0 | 0.00 |
| Taxi | 3 | 15.00 |
| Uber or other app-based service | 3 | 15.00 |
| Jitney | 0 | 0.00 |
| Walk | 11 | 55.00 |
| Bike | 0 | 0.00 |
| Other | 0 | 0.00 |
| Total | 20 | 100.00 |

## ROUTE 891

Table 254 - Origin Place

|  | Riders | $\%$ |
| :--- | ---: | ---: |
| Home | 14 | 50.00 |
| Work | 5 | 17.86 |
| Shopping | 9 | 32.14 |
| Personal business | 0 | 0.00 |
| Medical/dental | 0 | 0.00 |
| Social/recreational | 0 | 0.00 |
| School(K-12) | 0 | 0.00 |
| Technical, college or university | 0 | 0.00 |
| Other | 0 | 0.00 |
| Total | 28 | 100.00 |

Table 255 - Destination Place

|  | Riders | $\%$ |
| :--- | ---: | ---: |
| Home | 13 | 48.15 |
| Work | 7 | 25.93 |
| Shopping | 7 | 25.93 |
| Personal business | 0 | 0.00 |
| Medical/dental | 0 | 0.00 |
| Social/recreational | 0 | 0.00 |
| School(K-12) | 0 | 0.00 |
| Technical, college or university | 0 | 0.00 |
| Other | 0 | 0.00 |
| Total | 27 | 100.00 |

Table 256 - Access Mode

|  | Riders | $\%$ |
| :--- | ---: | ---: |
| Walked only | 23 | 85.19 |
| Drove a Car and Parked | 0 | 0.00 |
| Carpooled/Dropped Off | 4 | 14.81 |
| Another bus | 0 | 0.00 |
| Light Rail | 0 | 0.00 |
| NJT Train | 0 | 0.00 |
| PATH | 0 | 0.00 |
| Bike | 0 | 0.00 |
| Taxi | 0 | 0.00 |
| Uber or other app-based service | 0 | 0.00 |
| Other | 0 | 0.00 |
| Total | 27 | 100.00 |

Table 257 - Egress Mode

|  | Riders | $\%$ |
| :--- | ---: | ---: |
| Walk only | 14 | 77.78 |
| Drive Only | 0 | 0.00 |
| Carpool/Drop Off | 4 | 22.22 |
| Another bus | 0 | 0.00 |
| Light Rail | 0 | 0.00 |
| NJT Train | 0 | 0.00 |
| PATH | 0 | 0.00 |
| Bike | 0 | 0.00 |
| Taxi | 0 | 0.00 |
| Uber or other app-based service | 0 | 0.00 |
| Other | 0 | 0.00 |
| Total | 18 | 100.00 |

Table 258 - Frequency of Using the Bus Route

|  | Riders | $\%$ |
| :--- | ---: | ---: |
| 7 days/week | 0 | 0.00 |
| 6 days/week | 0 | 0.00 |
| 5 days/week | 9 | 40.91 |
| 3-4 days/week | 2 | 9.09 |
| 1-2 days/week | 5 | 22.73 |
| 1-3 days/month | 2 | 9.09 |
| Less than one day/month | 0 | 0.00 |
| Less than one day/year | 4 | 18.18 |
| First time customer | 0 | 0.00 |
| Total | 22 | 100.00 |

Table 259 - Return Trip Mode

|  | Another |  |  |  |  |  |
| :--- | ---: | ---: | ---: | ---: | ---: | ---: |
|  | Same Bus | Bus | Train | Car | Others | Total |
| Riders | 16 | 0 | 0 | 9 | 2 | 27 |
| $\%$ | 59.26 | 0.00 | 0.00 | 33.33 | 7.41 | 100.00 |

Table 260 - Ticket Type

|  | Riders | $\%$ |
| :--- | ---: | ---: |
| One-way Ticket/Cash | 7 | 30.43 |
| Monthly Pass | 0 | 0.00 |
| Sr. Citizen/Customer with disability/Children | 11 | 47.83 |
| Round Trip(2 One-way) | 0 | 0.00 |
| 10-Trip/Multi-trip | 0 | 0.00 |
| Weekly Pass | 0 | 0.00 |
| Student Monthly Pass | 0 | 0.00 |
| Student One-way | 0 | 0.00 |
| Student 10-Trip | 0 | 0.00 |
| Other | 5 | 21.74 |
| Total | 23 | 100.00 |

Table 261 - Satisfaction Score

| Score | Riders | $\%$ |
| :--- | ---: | ---: |
| 0 (Not acceptable) | 0 | 0.00 |
| 1 | 0 | 0.00 |
| 2 | 0 | 0.00 |
| 3 | 0 | 0.00 |
| 4 | 0 | 0.00 |
| 5 | 5 | 18.52 |
| 6 | 0 | 0.00 |
| 7 | 0 | 0.00 |
| 8 | 0 | 0.00 |
| 9 | 4 | 14.81 |
| 10 (Excellent) | 18 | 66.67 |
| Total | 27 | 100.00 |

Mean Satisfaction Score= 8.97
Median Satisfaction Score $=10$

Table 262 - Likelihood of Recommending the Service to Friend or Family

|  | Very Likely | Somewhat <br> Likely | Do Not <br> Know | Somewhat <br> Unlikely | Very <br> Unlikely | Total |
| :--- | ---: | ---: | ---: | ---: | ---: | ---: |
| Riders | 23 | 0 | 0 | 0 | 5 | 28 |
| $\%$ | 82.14 | 0.00 | 0.00 | 0.00 | 17.86 | 100.00 |

Table 263 - Reason for Using Bus

|  | No other option | Best choice | Occasional use | Total |
| :---: | :---: | :---: | :---: | :---: |
| Riders | 13 | 9 | 0 | 22 |
| \% | 59.09 | 40.91 | 0.00 | 100.00 |

Table 264 - Trip Alternatives

|  | Riders | $\%$ |
| :--- | ---: | ---: |
| Would not make the trip | 13 | 48.15 |
| Drive a car | 0 | 0.00 |
| Carpool | 0 | 0.00 |
| Taxi | 9 | 33.33 |
| Uber or other app-based service | 5 | 18.52 |
| Jitney | 0 | 0.00 |
| Walk | 0 | 0.00 |
| Bike | 0 | 0.00 |
| Other | 0 | 0.00 |
| Total | 27 | 100.00 |

## ROUTE 986

Table 265 - Origin Place

|  | Riders | $\%$ |
| :--- | ---: | ---: |
| Home | 105 | 73.43 |
| Work | 31 | 21.68 |
| Shopping | 0 | 0.00 |
| Personal business | 3 | 2.10 |
| Medical/dental | 4 | 2.80 |
| Social/recreational | 0 | 0.00 |
| School(K-12) | 0 | 0.00 |
| Technical, college or university | 0 | 0.00 |
| Other | 0 | 0.00 |
| Total | 143 | 100.00 |

Table 266 - Destination Place

|  | Riders | $\%$ |
| :--- | ---: | ---: |
| Home | 18 | 13.74 |
| Work | 101 | 77.10 |
| Shopping | 0 | 0.00 |
| Personal business | 0 | 0.00 |
| Medical/dental | 0 | 0.00 |
| Social/recreational | 9 | 6.87 |
| School(K-12) | 3 | 2.29 |
| Technical, college or university | 0 | 0.00 |
| Other | 0 | 0.00 |
| Total | 131 | 100.00 |

Table 267 - Access Mode

|  | Riders | $\%$ |
| :--- | ---: | ---: |
| Walked only | 58 | 41.13 |
| Drove a Car and Parked | 0 | 0.00 |
| Carpooled/Dropped Off | 3 | 2.13 |
| Another bus | 37 | 26.24 |
| Light Rail | 0 | 0.00 |
| NJT Train | 43 | 30.50 |
| PATH | 0 | 0.00 |
| Bike | 0 | 0.00 |
| Taxi | 0 | 0.00 |
| Uber or other app-based service | 0 | 0.00 |
| Other | 0 | 0.00 |
| Total | 141 | 100.00 |

Table 268 - Egress Mode

|  | Riders | $\%$ |
| :--- | ---: | ---: |
| Walk only | 88 | 69.29 |
| Drive Only | 0 | 0.00 |
| Carpool/Drop Off | 8 | 6.30 |
| Another bus | 13 | 10.24 |
| Light Rail | 3 | 2.36 |
| NJT Train | 15 | 11.81 |
| PATH | 0 | 0.00 |
| Bike | 0 | 0.00 |
| Taxi | 0 | 0.00 |
| Uber or other app-based service | 0 | 0.00 |
| Other | 0 | 0.00 |
| Total | 127 | 100.00 |

Table 269 - Frequency of Using the Bus Route

|  | Riders | $\%$ |
| :--- | ---: | ---: |
| 7 days/week | 0 | 0.00 |
| 6 days/week | 4 | 3.01 |
| 5 days/week | 95 | 71.43 |
| 3-4 days/week | 15 | 11.28 |
| 1-2 days/week | 12 | 9.02 |
| 1-3 days/month | 0 | 0.00 |
| Less than one day/month | 7 | 5.26 |
| Less than one day/year | 0 | 0.00 |
| First time customer | 0 | 0.00 |
| Total | 133 | 100.00 |

Table 270 - Return Trip Mode

|  | Another |  |  |  |  |  |
| :--- | ---: | ---: | ---: | ---: | ---: | ---: |
|  | Same Bus | Bus | Train | Car | Others | Total |
| Riders | 106 | 6 | 7 | 7 | 4 | 130 |
| $\%$ | 81.54 | 4.62 | 5.38 | 5.38 | 3.08 | 100.00 |

Table 271 - Ticket Type

|  | Riders | $\%$ |
| :--- | ---: | ---: |
| One-way Ticket/Cash | 49 | 36.57 |
| Monthly Pass | 71 | 52.99 |
| Sr. Citizen/Customer with disability/Children | 3 | 2.24 |
| Round Trip(2 One-way) | 11 | 8.21 |
| 10-Trip/Multi-trip | 0 | 0.00 |
| Weekly Pass | 0 | 0.00 |
| Student Monthly Pass | 0 | 0.00 |
| Student One-way | 0 | 0.00 |
| Student 10-Trip | 0 | 0.00 |
| Other | 0 | 0.00 |
| Total | 134 | 100.00 |

Table 272 - Satisfaction Score

| Score | Riders | $\%$ |
| :--- | ---: | ---: |
| 0 (Not acceptable) | 0 | 0.00 |
| 1 | 3 | 2.22 |
| 2 | 13 | 9.63 |
| 3 | 4 | 2.96 |
| 4 | 0 | 0.00 |
| 5 | 27 | 20.00 |
| 6 | 0 | 0.00 |
| 7 | 15 | 11.11 |
| 8 | 21 | 15.56 |
| 9 | 19 | 14.07 |
| 10 (Excellent) | 33 | 24.44 |
| Total | 135 | 100.00 |

Mean Satisfaction Score= 7.04
Median Satisfaction Score= 8

Table 273 - Likelihood of Recommending the Service to Friend or Family

|  | Very Likely | Somewhat Likely | Do Not Know | Somewhat Unlikely | Very Unlikely | Total |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Riders | 83 | 21 | 7 | 16 | 7 | 134 |
| \% | 61.94 | 15.67 | 5.22 | 11.94 | 5.22 | 100.00 |

Table 274 - Reason for Using Bus

|  | No other <br> option | Best <br> choice | Occasional <br> use | Total |
| :--- | ---: | ---: | ---: | ---: |
| Riders | 72 | 51 | 7 | 130 |
| $\%$ | 55.38 | 39.23 | 5.38 | 100.00 |

Table 275 - Trip Alternatives

|  | Riders | $\%$ |
| :--- | ---: | ---: |
| Would not make the trip | 27 | 20.15 |
| Drive a car | 31 | 23.13 |
| Carpool | 3 | 2.24 |
| Taxi | 11 | 8.21 |
| Uber or other app-based service | 45 | 33.58 |
| Jitney | 0 | 0.00 |
| Walk | 0 | 0.00 |
| Bike | 0 | 0.00 |
| Other | 17 | 12.69 |
| Total | 134 | 100.00 |

## ROUTE 871_874

Table 276 - Origin Place

|  | Riders | $\%$ |
| :--- | ---: | ---: |
| Home | 157 | 68.91 |
| Work | 33 | 14.48 |
| Shopping | 2 | 0.99 |
| Personal business | 8 | 3.58 |
| Medical/dental | 0 | 0.00 |
| Social/recreational | 5 | 2.27 |
| School(K-12) | 0 | 0.00 |
| Technical, college or university | 2 | 0.99 |
| Other | 20 | 8.78 |
| Total | 228 | 100.00 |

Table 277 - Destination Place

|  | Riders | $\%$ |
| :--- | ---: | ---: |
| Home | 40 | 18.35 |
| Work | 111 | 50.31 |
| Shopping | 7 | 3.07 |
| Personal business | 22 | 9.85 |
| Medical/dental | 0 | 0.00 |
| Social/recreational | 16 | 7.34 |
| School(K-12) | 0 | 0.00 |
| Technical, college or university | 0 | 0.00 |
| Other | 24 | 11.09 |
| Total | 220 | 100.00 |

Table 278 - Access Mode

|  | Riders | $\%$ |
| :--- | ---: | ---: |
| Walked only | 182 | 79.26 |
| Drove a Car and Parked | 2 | 0.80 |
| Carpooled/Dropped Off | 0 | 0.00 |
| Another bus | 36 | 15.64 |
| Light Rail | 0 | 0.00 |
| NJT Train | 10 | 4.30 |
| PATH | 0 | 0.00 |
| Bike | 0 | 0.00 |
| Taxi | 0 | 0.00 |
| Uber or other app-based service | 0 | 0.00 |
| Other | 0 | 0.00 |
| Total | 230 | 100.00 |

Table 279 - Egress Mode

|  | Riders | $\%$ |
| :--- | ---: | ---: |
| Walk only | 185 | 82.58 |
| Drive Only | 2 | 1.00 |
| Carpool/Drop Off | 0 | 0.00 |
| Another bus | 33 | 14.48 |
| Light Rail | 0 | 0.00 |
| NJT Train | 4 | 1.94 |
| PATH | 0 | 0.00 |
| Bike | 0 | 0.00 |
| Taxi | 0 | 0.00 |
| Uber or other app-based service | 0 | 0.00 |
| Other | 0 | 0.00 |
| Total | 225 | 100.00 |

Table 280 - Frequency of Using the Bus Route

|  | Riders | $\%$ |
| :--- | ---: | ---: |
| 7 days/week | 12 | 5.43 |
| 6 days/week | 51 | 22.40 |
| 5 days/week | 96 | 42.30 |
| 3-4 days/week | 52 | 22.70 |
| 1-2 days/week | 4 | 1.79 |
| 1-3 days/month | 4 | 1.79 |
| Less than one day/month | 0 | 0.00 |
| Less than one day/year | 0 | 0.00 |
| First time customer | 8 | 3.58 |
| Total | 228 | 100.00 |

Table 281 - Return Trip Mode

|  | Another |  |  |  |  | Car |
| :--- | ---: | ---: | ---: | ---: | ---: | ---: |
|  | Same Bus | Bus | Train | 7 | 15 | 17 |
| Riders | 114 | 64 | 7 | 217 |  |  |
| $\%$ | 52.73 | 29.38 | 3.24 | 6.82 | 7.84 | 100.00 |

Table 282 - Ticket Type

|  | Riders | $\%$ |
| :--- | ---: | ---: |
| One-way Ticket/Cash | 115 | 50.57 |
| Monthly Pass | 78 | 34.43 |
| Sr. Citizen/Customer with disability/Children | 27 | 11.77 |
| Round Trip(2 One-way) | 4 | 1.62 |
| 10-Trip/Multi-trip | 0 | 0.00 |
| Weekly Pass | 2 | 0.81 |
| Student Monthly Pass | 0 | 0.00 |
| Student One-way | 0 | 0.00 |
| Student 10-Trip | 0 | 0.00 |
| Other | 2 | 0.81 |
| Total | 228 | 100.00 |

Table 283 - Satisfaction Score

| Score | Riders | $\%$ |
| :--- | ---: | ---: |
| 0 (Not acceptable) | 0 | 0.00 |
| 1 | 0 | 0.00 |
| 2 | 0 | 0.00 |
| 3 | 10 | 4.64 |
| 4 | 0 | 0.00 |
| 5 | 15 | 7.45 |
| 6 | 2 | 1.09 |
| 7 | 9 | 4.31 |
| 8 | 64 | 31.18 |
| 9 | 15 | 7.26 |
| 10 (Excellent) | 90 | 44.06 |
| Total | 205 | 100.00 |

Mean Satisfaction Score= 8.43
Median Satisfaction Score= 9

Table 284 - Likelihood of Recommending the Service to Friend or Family

|  | Very Likely | Somewhat <br> Likely | Do Not <br> Know | Somewhat <br> Unlikely | Very <br> Unlikely | Total |
| :--- | ---: | ---: | ---: | ---: | ---: | ---: |
| Riders | 131 | 61 | 0 | 2 | 18 | 212 |
| $\%$ | 61.69 | 28.79 | 0.00 | 1.06 | 8.46 | 100.00 |

Table 285 - Reason for Using Bus

|  | No other | Best | Occasional |  |
| :--- | ---: | ---: | ---: | ---: |
| option | choice | use | Total |  |
| Riders | 152 | 53 | 18 | 224 |
| $\%$ | 68.12 | 23.90 | 7.97 | 100.00 |

Table 286 - Trip Alternatives

|  | Riders | $\%$ |
| :--- | ---: | ---: |
| Would not make the trip | 60 | 27.00 |
| Drive a car | 7 | 3.34 |
| Carpool | 13 | 5.87 |
| Taxi | 38 | 16.97 |
| Uber or other app-based service | 78 | 35.23 |
| Jitney | 0 | 0.00 |
| Walk | 12 | 5.17 |
| Bike | 14 | 6.42 |
| Other | 0 | 0.00 |
| Total | 223 | 100.00 |

## ROUTE 872_875

Table 287 - Origin Place

|  | Riders | $\%$ |
| :--- | ---: | ---: |
| Home | 116 | 70.50 |
| Work | 0 | 0.00 |
| Shopping | 0 | 0.00 |
| Personal business | 11 | 6.58 |
| Medical/dental | 0 | 0.00 |
| Social/recreational | 0 | 0.00 |
| School(K-12) | 0 | 0.00 |
| Technical, college or university | 16 | 9.78 |
| Other | 22 | 13.15 |
| Total | 165 | 100.00 |

Table 288 - Destination Place

|  | Riders | $\%$ |
| :--- | ---: | ---: |
| Home | 38 | 23.30 |
| Work | 63 | 38.28 |
| Shopping | 5 | 2.99 |
| Personal business | 5 | 2.94 |
| Medical/dental | 0 | 0.00 |
| Social/recreational | 0 | 0.00 |
| School(K-12) | 0 | 0.00 |
| Technical, college or university | 44 | 26.66 |
| Other | 10 | 5.83 |
| Total | 165 | 100.00 |

Table 289 - Access Mode

|  | Riders | $\%$ |
| :--- | ---: | ---: |
| Walked only | 136 | 82.26 |
| Drove a Car and Parked | 0 | 0.00 |
| Carpooled/Dropped Off | 10 | 6.28 |
| Another bus | 3 | 1.87 |
| Light Rail | 0 | 0.00 |
| NJT Train | 13 | 7.72 |
| PATH | 0 | 0.00 |
| Bike | 0 | 0.00 |
| Taxi | 0 | 0.00 |
| Uber or other app-based service | 0 | 0.00 |
| Other | 3 | 1.87 |
| Total | 166 | 100.00 |

Table 290 - Egress Mode

|  | Riders | $\%$ |
| :--- | ---: | ---: |
| Walk only | 125 | 87.27 |
| Drive Only | 7 | 4.55 |
| Carpool/Drop Off | 0 | 0.00 |
| Another bus | 3 | 2.16 |
| Light Rail | 0 | 0.00 |
| NJT Train | 7 | 4.55 |
| PATH | 0 | 0.00 |
| Bike | 2 | 1.47 |
| Taxi | 0 | 0.00 |
| Uber or other app-based service | 0 | 0.00 |
| Other | 0 | 0.00 |
| Total | 143 | 100.00 |

Table 291 - Frequency of Using the Bus Route

|  | Riders | $\%$ |
| :--- | ---: | ---: |
| 7 days/week | 5 | 2.94 |
| 6 days/week | 8 | 5.04 |
| d days/week | 51 | 30.77 |
| 3-4 days/week | 54 | 32.62 |
| 1-2 days/week | 33 | 20.31 |
| 1-3 days/month | 14 | 8.32 |
| Less than one day/month | 0 | 0.00 |
| Less than one day/year | 0 | 0.00 |
| First time customer | 0 | 0.00 |
| Total | 165 | 100.00 |

Table 292 - Return Trip Mode

|  | Same Bus | Another <br> Bus | Train | Car | Others | Total |
| :--- | ---: | ---: | ---: | ---: | ---: | ---: |
| Riders | 132 | 7 | 2 | 12 | 12 | 165 |
| $\%$ | 79.80 | 4.27 | 1.50 | 7.11 | 7.32 | 100.00 |

Table 293 - Ticket Type

|  | Riders | $\%$ |
| :--- | ---: | ---: |
| One-way Ticket/Cash | 100 | 65.86 |
| Monthly Pass | 25 | 16.58 |
| Sr. Citizen/Customer with disability/Children | 9 | 5.94 |
| Round Trip(2 One-way) | 3 | 2.05 |
| 10-Trip/Multi-trip | 7 | 4.31 |
| Weekly Pass | 5 | 3.21 |
| Student Monthly Pass | 3 | 2.05 |
| Student One-way | 0 | 0.00 |
| Student 10-Trip | 0 | 0.00 |
| Other | 0 | 0.00 |
| Total | 151 | 100.00 |

Table 294 - Satisfaction Score

| Score | Riders | $\%$ |
| :--- | ---: | ---: |
| 0 (Not acceptable) | 0 | 0.00 |
| 1 | 5 | 2.94 |
| 2 | 0 | 0.00 |
| 3 | 2 | 1.50 |
| 4 | 0 | 0.00 |
| 5 | 6 | 3.76 |
| 6 | 8 | 4.83 |
| 7 | 34 | 20.48 |
| 8 | 15 | 9.10 |
| 9 | 33 | 20.29 |
| 10 (Excellent) | 61 | 37.11 |
| Total | 165 | 100.00 |

Mean Satisfaction Score= 8.25
Median Satisfaction Score= 9

Table 295 - Likelihood of Recommending the Service to Friend or Family

|  | Very Likely | Somewhat <br> Likely | Do Not <br> Know | Somewhat <br> Unlikely | Very <br> Unlikely | Total |
| :--- | ---: | ---: | ---: | ---: | ---: | ---: |
| Riders | 73 | 59 | 14 | 0 | 19 | 165 |
| $\%$ | 44.52 | 35.58 | 8.20 | 0.00 | 11.70 | 100.00 |

Table 296 - Reason for Using Bus

|  | No other <br> option | Best <br> choice | Occasional <br> use | Total |
| :--- | ---: | ---: | ---: | ---: |
| Riders | 100 | 53 | 13 | 165 |
| $\%$ | 60.35 | 31.94 | 7.71 | 100.00 |

Table 297 - Trip Alternatives

|  | Riders | $\%$ |
| :--- | ---: | ---: |
| Would not make the trip | 35 | 19.94 |
| Drive a car | 11 | 6.51 |
| Carpool | 11 | 6.31 |
| Taxi | 30 | 17.15 |
| Uber or other app-based service | 52 | 29.87 |
| Jitney | 0 | 0.00 |
| Walk | 26 | 14.85 |
| Bike | 2 | 1.20 |
| Other | 7 | 4.18 |
| Total | 175 | 100.00 |

## ROUTE 873_878

Table 298 - Origin Place

|  | Riders | $\%$ |
| :--- | ---: | ---: |
| Home | 103 | 57.85 |
| Work | 24 | 13.20 |
| Shopping | 3 | 1.82 |
| Personal business | 8 | 4.44 |
| Medical/dental | 5 | 2.68 |
| Social/recreational | 0 | 0.00 |
| School(K-12) | 0 | 0.00 |
| Technical, college or university | 8 | 4.50 |
| Other | 28 | 15.50 |
| Total | 179 | 100.00 |

Table 299 - Destination Place

|  | Riders | $\%$ |
| :--- | ---: | ---: |
| Home | 33 | 20.28 |
| Work | 88 | 54.53 |
| Shopping | 17 | 10.62 |
| Personal business | 8 | 4.91 |
| Medical/dental | 3 | 1.95 |
| Social/recreational | 0 | 0.00 |
| School(K-12) | 3 | 1.95 |
| Technical, college or university | 3 | 2.01 |
| Other | 6 | 3.75 |
| Total | 162 | 100.00 |

Table 300 - Access Mode

|  | Riders | $\%$ |
| :--- | ---: | ---: |
| Walked only | 119 | 67.21 |
| Drove a Car and Parked | 3 | 1.60 |
| Carpooled/Dropped Off | 3 | 1.60 |
| Another bus | 30 | 16.94 |
| Light Rail | 0 | 0.00 |
| NJT Train | 22 | 12.66 |
| PATH | 0 | 0.00 |
| Bike | 0 | 0.00 |
| Taxi | 0 | 0.00 |
| Uber or other app-based service | 0 | 0.00 |
| Other | 0 | 0.00 |
| Total | 177 | 100.00 |

Table 301 - Egress Mode

|  | Riders | $\%$ |
| :--- | ---: | ---: |
| Walk only | 136 | 78.13 |
| Drive Only | 0 | 0.00 |
| Carpool/Drop Off | 0 | 0.00 |
| Another bus | 29 | 16.81 |
| Light Rail | 0 | 0.00 |
| NJT Train | 0 | 0.00 |
| PATH | 3 | 1.62 |
| Bike | 3 | 1.81 |
| Taxi | 0 | 0.00 |
| Uber or other app-based service | 3 | 1.62 |
| Other | 0 | 0.00 |
| Total | 174 | 100.00 |

Table 302 - Frequency of Using the Bus Route

|  | Riders | $\%$ |
| :--- | ---: | ---: |
| 7 days/week | 13 | 7.37 |
| 6 days/week | 23 | 13.64 |
| d days/week | 42 | 24.64 |
| 3-4 days/week | 51 | 29.76 |
| 1-2 days/week | 26 | 15.44 |
| 1-3 days/month | 3 | 1.65 |
| Less than one day/month | 5 | 2.80 |
| Less than one day/year | 0 | 0.00 |
| First time customer | 8 | 4.70 |
| Total | 171 | 100.00 |

Table 303 - Return Trip Mode

|  | Same Bus | Another <br> Bus | Train | Car | Others | Total |
| :--- | ---: | ---: | ---: | ---: | ---: | ---: |
| Riders | 112 | 10 | 20 | 15 | 13 | 171 |
| $\%$ | 65.83 | 6.11 | 11.83 | 8.77 | 7.46 | 100.00 |

Table 304 - Ticket Type

|  | Riders | $\%$ |
| :--- | ---: | ---: |
| One-way Ticket/Cash | 92 | 54.51 |
| Monthly Pass | 24 | 14.35 |
| Sr. Citizen/Customer with disability/Children | 41 | 24.54 |
| Round Trip(2 One-way) | 5 | 2.85 |
| 10-Trip/Multi-trip | 0 | 0.00 |
| Weekly Pass | 0 | 0.00 |
| Student Monthly Pass | 6 | 3.76 |
| Student One-way | 0 | 0.00 |
| Student 10-Trip | 0 | 0.00 |
| Other | 0 | 0.00 |
| Total | 168 | 100.00 |

Table 305 - Satisfaction Score

| Score | Riders | $\%$ |
| :--- | ---: | ---: |
| 0 (Not acceptable) | 6 | 3.81 |
| 1 | 0 | 0.00 |
| 2 | 0 | 0.00 |
| 3 | 0 | 0.00 |
| 4 | 8 | 4.78 |
| 5 | 32 | 19.25 |
| 6 | 6 | 3.35 |
| 7 | 42 | 24.72 |
| 8 | 27 | 16.15 |
| 9 | 15 | 8.84 |
| 10 (Excellent) | 32 | 19.10 |
| Total | 168 | 100.00 |

Mean Satisfaction Score= 7.08
Median Satisfaction Score= 7

Table 306 - Likelihood of Recommending the Service to Friend or Family

|  | Very Likely | Somewhat <br> Likely | Do Not <br> Know | Somewhat <br> Unlikely | Very <br> Unlikely | Total |
| :--- | ---: | ---: | ---: | ---: | ---: | ---: |
| Riders | 117 | 27 | 10 | 8 | 13 | 174 |
| $\%$ | 66.94 | 15.68 | 5.51 | 4.57 | 7.31 | 100.00 |

Table 307 - Reason for Using Bus

|  | No other <br> option | Best <br> choice | Occasional <br> use | Total |
| :--- | ---: | ---: | ---: | ---: |
| Riders | 114 | 37 | 14 | 165 |
| $\%$ | 68.86 | 22.65 | 8.49 | 100.00 |

Table 308 - Trip Alternatives

|  | Riders | $\%$ |
| :--- | ---: | ---: |
| Would not make the trip | 18 | 9.87 |
| Drive a car | 8 | 4.07 |
| Carpool | 3 | 1.74 |
| Taxi | 18 | 9.47 |
| Uber or other app-based service | 84 | 44.73 |
| Jitney | 0 | 0.00 |
| Walk | 19 | 10.00 |
| Bike | 14 | 7.50 |
| Other | 24 | 12.62 |
| Total | 187 | 100.00 |

## ROUTE 890_891

Table 309 - Origin Place

|  | Riders | $\%$ |
| :--- | ---: | ---: |
| Home | 22 | 50.41 |
| Work | 8 | 17.08 |
| Shopping | 9 | 19.76 |
| Personal business | 3 | 6.38 |
| Medical/dental | 0 | 0.00 |
| Social/recreational | 0 | 0.00 |
| School(K-12) | 0 | 0.00 |
| Technical, college or university | 0 | 0.00 |
| Other | 3 | 6.38 |
| Total | 44 | 100.00 |

Table 310 - Destination Place

|  | Riders | $\%$ |
| :--- | ---: | ---: |
| Home | 22 | 49.59 |
| Work | 10 | 22.02 |
| Shopping | 7 | 15.64 |
| Personal business | 0 | 0.00 |
| Medical/dental | 0 | 0.00 |
| Social/recreational | 0 | 0.00 |
| School(K-12) | 0 | 0.00 |
| Technical, college or university | 0 | 0.00 |
| Other | 6 | 12.75 |
| Total | 44 | 100.00 |

Table 311 - Access Mode

|  | Riders | $\%$ |
| :--- | ---: | ---: |
| Walked only | 29 | 64.61 |
| Drove a Car and Parked | 0 | 0.00 |
| Carpooled/Dropped Off | 4 | 9.88 |
| Another bus | 8 | 19.13 |
| Light Rail | 0 | 0.00 |
| NJT Train | 3 | 6.38 |
| PATH | 0 | 0.00 |
| Bike | 0 | 0.00 |
| Taxi | 0 | 0.00 |
| Uber or other app-based service | 0 | 0.00 |
| Other | 0 | 0.00 |
| Total | 44 | 100.00 |

Table 312 - Egress Mode

|  | Riders | $\%$ |
| :--- | ---: | ---: |
| Walk only | 28 | 79.53 |
| Drive Only | 0 | 0.00 |
| Carpool/Drop Off | 4 | 12.44 |
| Another bus | 3 | 8.03 |
| Light Rail | 0 | 0.00 |
| NJT Train | 0 | 0.00 |
| PATH | 0 | 0.00 |
| Bike | 0 | 0.00 |
| Taxi | 0 | 0.00 |
| Uber or other app-based service | 0 | 0.00 |
| Other | 0 | 0.00 |
| Total | 35 | 100.00 |

Table 313 - Frequency of Using the Bus Route

|  | Riders | $\%$ |
| :--- | ---: | ---: |
| 7 days/week | 3 | 7.08 |
| 6 days/week | 0 | 0.00 |
| 5 days/week | 12 | 30.82 |
| 3-4 days/week | 5 | 12.56 |
| 1-2 days/week | 5 | 11.87 |
| 1-3 days/month | 5 | 12.56 |
| Less than one day/month | 6 | 14.15 |
| Less than one day/year | 4 | 10.96 |
| First time customer | 0 | 0.00 |
| Total | 40 | 100.00 |

Table 314 - Return Trip Mode

|  | Same Bus | Another <br> Bus | Train | Car | Others | Total |
| :--- | ---: | ---: | ---: | ---: | ---: | ---: |
| Riders | 27 | 6 | 0 | 9 | 2 | 44 |
| $\%$ | 60.90 | 12.75 | 0.00 | 21.40 | 4.94 | 100.00 |

Table 315 - Ticket Type

|  | Riders | $\%$ |
| :--- | ---: | ---: |
| One-way Ticket/Cash | 21 | 52.74 |
| Monthly Pass | 0 | 0.00 |
| Sr. Citizen/Customer with disability/Children | 14 | 35.39 |
| Round Trip(2 One-way) | 0 | 0.00 |
| 10-Trip/Multi-trip | 0 | 0.00 |
| Weekly Pass | 0 | 0.00 |
| Student Monthly Pass | 0 | 0.00 |
| Student One-way | 0 | 0.00 |
| Student 10-Trip | 0 | 0.00 |
| Other | 5 | 11.87 |
| Total | 40 | 100.00 |

Table 316 - Satisfaction Score

| Score | Riders | $\%$ |
| :--- | ---: | ---: |
| 0 (Not acceptable) | 0 | 0.00 |
| 1 | 0 | 0.00 |
| 2 | 0 | 0.00 |
| 3 | 0 | 0.00 |
| 4 | 0 | 0.00 |
| 5 | 8 | 17.08 |
| 6 | 0 | 0.00 |
| 7 | 3 | 6.38 |
| 8 | 0 | 0.00 |
| 9 | 4 | 9.88 |
| 10 (Excellent) | 30 | 66.67 |
| Total | 44 | 100.00 |

Mean Satisfaction Score= 8.86
Median Satisfaction Score $=10$

Table 317 - Likelihood of Recommending the Service to Friend or Family

|  | Very Likely | Somewhat <br> Likely | Do Not <br> Know | Somewhat <br> Unlikely | Very <br> Unlikely | Total |
| :--- | ---: | ---: | ---: | ---: | ---: | ---: |
| Riders | 34 | 0 | 3 | 0 | 8 | 44 |
| $\%$ | 76.54 | 0.00 | 6.38 | 0.00 | 17.08 | 100.00 |

Table 318 - Reason for Using Bus

|  | No other <br> option | Best <br> choice | Occasional <br> use | Total |
| :--- | ---: | ---: | ---: | ---: |
| Riders | 22 | 15 | 3 | 40 |
| $\%$ | 55.02 | 37.90 | 7.08 | 100.00 |

Table 319 - Trip Alternatives

|  | Riders | $\%$ |
| :--- | ---: | ---: |
| Would not make the trip | 16 | 34.63 |
| Drive a car | 0 | 0.00 |
| Carpool | 0 | 0.00 |
| Taxi | 12 | 25.34 |
| Uber or other app-based service | 8 | 16.05 |
| Jitney | 0 | 0.00 |
| Walk | 11 | 23.98 |
| Bike | 0 | 0.00 |
| Other | 0 | 0.00 |
| Total | 47 | 100.00 |

