

Article

# Rider Perceptions of an On-Demand Microtransit Service in Salt Lake County, Utah

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Abstract: On-demand microtransit services are frequently seen as an important tool in supporting

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- first and last mile operations surrounding fixed route high frequency transit facilities, but questions remain surrounding who will use these novel services and for what purposes. In November 2019, the Utah Transit Authority launched an on-demand microtransit service in south Salt Lake County in partnership with a private mobility operator. This paper reports the results of a survey of 130 transit riders in the microtransit service area collected before and immediately after the service launched. There is not a clear relationship between current transit access mode and expressed willingness to use microtransit, though some responses from new riders indicate the novel service competes most
- directly with commercial transportation network company operations. The survey responses also reveal younger passengers express a more than expected willingness to use microtransit, middle-aged 10 passengers a less than expected willingness, and older passengers neutral or no expressed opinion. 11
- Results suggest additional relationships between household size and transit use frequency, but 12 further research is necessary. The effect of other user characteristics including income and automobile 13
- availability is less statistically clear and also requires further research.
- **Keywords:** on-demand transit; microtransit

# 1. Introduction

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Transit ridership in the United States has been in decline over the last several years, with underlying causes ranging from service cuts to the advent of new mobility options [1,2]. These new mobility options – including bikeshare, e-scooters, and ridehailing through Transportation Network Companies (TNCs) – might also play an important role in supporting transit operations if the relative strengths of transit and modern mobility systems can be successfully partnered [3–5].

One particular area where a partnership between high-capacity, fixed-route transit and TNC 22 operations has been desired is in supporting first mile / last mile operations in low-density suburban regions [3,6,7]. TNC operators are incentivized to operate in dense areas where many potential passengers are located [8], meaning they compete with transit where transit can be most successful. But regulations or partnerships that changed this incentive pattern could be highly beneficial to many transit riders [9,10]. For example, a transit agency might partner with a TNC to offer shared rides at a subsidized fare in low-density areas where fixed route transit services are ineffective or expensive. 28 As these partnerships to offer microtransit services materialize through demonstration projects or permanent offerings, there is an important opportunity to observe and evaluate who is using the service and for what reasons. It is also valuable to understand how users perceive the effectiveness and convenience of these systems.

In this paper we report the results of a survey conducted immediately before and several weeks after the November 2019 launch of a microtransit service in south Salt Lake County, Utah by the Utah Transit Authority (UTA). The surveys were primarily designed to understand the awareness of the on-demand system in the transit passenger community. The surveys also consider the stated and revealed likeliness of individuals to use the microtransit service, and how the characteristics of these individuals — particularly age, transit use frequency, and household size — influence these preferences.

The remainder of this section contains a brief review of previous and ongoing studies relevant to the question of demand for and use of microtransit services. We then describe the survey methodology for this study, including both the context of the UTA microtransit service as well as the survey instrument and collection strategy. The survey results in several dimensions are followed by a discussion of the limitations of the findings and associated opportunities for future research.

# 1.1. Findings from Other Systems

In the last few years a number of on-demand microtransit services have begun operations in many cities around the world. Given the dynamic nature of this space, the literature is not mature and numerous projects are under evaluation at the moment. However, some findings from early systems are available and are worthy of discussion.

A microtransit service in Helsinki, Finland known as "Kutsuplus" operated from 2012 to 2015 and has been the subject of a number of studies. Weckström *et al.* [11] and Haglund *et al.* [12] each conduct a comprehensive analysis of the system using rider questionnaires supplemented with GPS data points. The studies found that the system was used by a wide variety of individuals for a wide variety of trip purposes, and the typical trip length suggested it was being used less like a taxi service and more to supplement last-mile transit access. In many cases, it appeared as though Kutsuplus replaced walking and bicycle trips. The Weckström *et al.* [11] research also asked respondents why they may have continued or discontinued using the service, revealing strong differences in response among different income groups. High-income individuals were more likely to cite long response times, while lower income groups were more likely to cite the fare or difficulties understanding the service, or even not being aware of its existence.

Alonso-González *et al.* [6] examined a microtransit system in the Arnhem-Nijmegen region in the Netherlands. They develop a methodology to calculate the accessibility contributed by the microtransit system above and beyond that provided by the fixed route transit system, and their findings suggest the microtransit service substantively enhances the mobility of people in the region. In this study the authors use GPS trip data from the service and do not have access to the actual riders to understand their preferences or characteristics.

In 2016 Austin, Texas, introduced a TNC operated as a non-profit and called "RideAustin." The unique corporate structure of this TNC encourages it to share data from the system with researchers, leading to a number of studies examining the trip patterns of its users. Komanduri *et al.* [13] show that a high proportion of trips (60%) taken on RideAustin could have been completed with a single-seat transit ride. Wenzel *et al.* [14] additionally used the same dataset to estimate the level of deadheading and concomitant energy expenditure on the system. Though these findings are important in terms of understanding the risks of microtransit services, it should be stressed that the RideAustin service was not explicitly designed to support transit operations. And although the RideAustin dataset does identify unique individual riders through a persistent mobile device ID, it does not disclose any demographic information on the riders and therefore cannot support an analysis of their characteristics or preferences.

König and Grippenkoven [15] present a survey focused on determining preferences and attitudes towards demand-responsive transit use in two rural regions in Germany. A structural equations model of expressed preferences suggests that users' attitudes are most powerfully driven by the expected performance of the system in terms of wait and travel time, and less materially by attitudes towards

other public transit systems or social perspectives. This is valuable insight, but attitudes such as these are difficult to forecast for a population, and therefore difficult to incorporate into service planning exercises. The authors collected demographic characteristics of the survey respondents, but did not consider these characteristics in the statistical models.

The literature to this point has been greatly aided by the use of so-called Big Data: GPS records, rider transaction data, and the like. These data are well-suited to important research questions such as where and when the services pick up and drop off riders, the wait times experienced by the riders, and in some cases even the ability to construct multiple trip tours. But the literature is somewhat limited in its exploration of the actual users of these systems: who they are, why they are traveling, and why they chose to use this service. This information is critical when planning and forecasting the potential success or failure of these systems, in contrast to reporting observed service characteristics for a service already in operation. In this paper, we present the results of a rider survey designed to answer these questions in the periods immediately before and after the launch of a microtransit service.

# 5 2. Study Methodology

# 2.1. System Description

In November 2019, the Utah Transit Authority (UTA) launched an on-demand microtransit service in the southern part of Salt Lake County. This region — illustrated in Figure 1 — has primarily low-density suburban development but also hosts stations for UTA's extensive rail transit network: the FrontRunner commuter rail operates between Provo and Ogden via downtown Salt Lake City on 30 minute peak headways; and the Blue and Red TRAX light rail lines connect to downtown Salt Lake City, the University of Utah, and Salt Lake International Airport (via transfer) on 15 minute peak headways. There are existing fixed route and route deviation services in the region, as well as park and ride facilities at most rail stations. UTA launched the microtransit service in an effort to improve the quality of service for passengers in the region, expand the effective accessibility of the rail transit stations, and reduce transit operating costs by potentially eliminating or reallocating fixed-route bus lines.

In establishing the on-demand microtransit service UTA partnered with Via, a commercial mobility provider with new and ongoing operations in several US cities. Passengers request rides using the VIA mobile application or by calling a designated service line and await the vehicle at a pickup point near to their origin. Passengers share rides based on the availability of vehicles and the compatibility of paths, as determined by algorithms embedded in the VIA service. The vehicle will drop the passenger off near their destination or at TRAX or FrontRunner stations; both the pickup and drop-off points must lie within the service area shown in Figure 1. The regular adult one-way fare is \$2.50 (the same as a regular base transit fare) and includes a limited transfer to the UTA fixed route transit system. By the end of February 2020, the microtransit system was carrying about 316 passenger trips per weekday with an average wait time of 11 minutes per trip [16].

# 2.2. Survey Design

UTA's primary goal in executing a microtransit rider survey was to understand the effectiveness of its marketing campaign to raise awareness and information of the new service. This survey also provided an opportunity to inform additional riders and to evaluate rider perceptions and characteristics both before and immediately after the service launch. As such the survey was administered in two tranches. The first tranche was conducted on November 6th, 13th, and 14th of 2019 through on-platform intercept interviews at the Draper and South Jordan FrontRunner stations as well as the Draper Town Center TRAX station. The second tranche was collected on several weekdays between January 10th and March 4th, 2020, and was collected through on-platform intercept interviews at the same stations in addition to the Daybreak Parkway TRAX station and at designated microtransit pick-up points near the aforementioned rail stations. A limited number of interviews were also

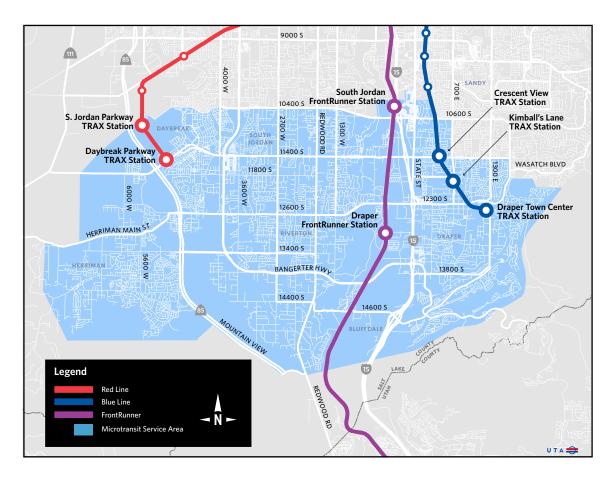


Figure 1. UTA on-demand microtransit service area. Image courtesy UTA.

Variable Question Text Response Type How often do you ride UTA? Multiple choice with days per week Frequency Purpose Where are you headed today? Multiple choice with purposes plus text Access Mode How did you travel to your UTA stop/station Multiple choice with modes plus text "other" today? Had you heard about UTA On Demand Awareness Yes / No before today? Likeliness How likely are you to download the VIA app Likert scale with five "likely" levels and use UTA On Demand? Why Likely Why did you choose that ranking? Text response Use Purpose What types of trips do you think you could Multiple choice with purposes plus text use it for? "other' Auto Availability How many vehicles (cars, trucks or Multiple choice with 0 through 4+ motorcycles) are available in your household? Household Size Including you, how many people live in your Multiple choice with 0 through 4+ household? Race What is your race / ethnicity? Mutiple choice allowing multiple selection Income Which of the following BEST describes your Multiple choice in ranges TOTAL ANNUAL HOUSEHOLD INCOME in 2019 before taxes? Smartphone Do you have a smartphone? Yes / No Multiple choice in ranges What is your age? Age

Table 1. Survey Questionnaire Summary

conducted on board the microtransit vehicles. Interviews were conducted throughout the day, but with a focus on the PM peak commute period; approximately 60% of the surveys in both tranches were collected between 4 and 7 PM.

The surveys were administered via electronic tablet using a questionnaire developed in a web-based survey software. The survey questions were developed with the help of UTA staff and an external consulting team. The relevant variables and source questions for this study are shown in Table 1, in the order in which the questions were asked. After asking the respondent about their awareness of the system, the interviewer would give a brief explanation of the service before asking about the respondent's likeliness to use the system. The questionnaire for the second tranche included additional questions that were identified as being important after the first tranche was collected; for example, the questions about income and household size were added between the tranches. Further, questions in the second tranche for respondents on train platforms and either at or on board the microtransit service had slightly different wording to reflect the separate contexts. There was also a set of questions requesting general feedback on the UTA service that is not included in this study.

#### 3. Results

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The surveyors conducted 55 interviews in the first tranche and 75 in the second tranche; the second tranche consisted of 58 interviews on rail transit platforms and 17 interviews on the mictrotransit vehicles or at the microtransit pick-up point adjacent to the rail stations. A summary of the survey respondents in each tranche is given in Table 2; as outlined in the Methodology section, the decision to include income level in the survey was made between the tranches and therefore the "Before" tranche contains no income information. The number of respondents who declined to answer the other demographic questions is also high.

A primary motivation for the survey was to understand awareness of the microtransit service among UTA transit riders. In the "Before" tranche, only 6 of the 55 respondents (11%) stated they had previously heard of the system. Of the 58 interviews in the "After" tranche not conducted on the microtransit service, 34 (59%) had previously heard of the service. This increase in general awareness

 Table 2. Demographic Characteristics of Survey Respondents

		Before (N=55)		After (N=75)	
		N	%	N	%
Smartphone	No	3	2.3	2	1.5
•	Yes	42	32.3	48	36.9
	(Missing)	10	7.7	25	19.2
Household size	1	0	0.0	4	3.1
	2	0	0.0	10	7.7
	3	0	0.0	7	5.4
	4+	0	0.0	29	22.3
	(Missing)	55	42.3	25	19.2
Age	Under 18	0	0.0	3	2.3
O .	18-24	12	9.2	8	6.2
	25-44	24	18.5	28	21.5
	45-64	9	6.9	10	7.7
	Over 65	0	0.0	1	0.8
	(Missing)	10	7.7	25	19.2
Auto availability	0	0	0.0	4	3.1
•	1	18	13.8	19	14.6
	2	13	10.0	18	13.8
	3	8	6.2	8	6.2
	4+	3	2.3	5	3.8
	(Missing)	13	10.0	21	16.2
Income	Less than \\$44,999	0	0.0	8	6.2
	\\$45,000 to \\$100,000	0	0.0	17	13.1
	Over \\$100,000	0	0.0	17	13.1
	(Missing)	55	42.3	33	25.4
Weekly transit use	One day or less frequently	8	6.2	13	10.0
•	Two to four days	22	16.9	37	28.5
	Five days or more	25	19.2	25	19.2

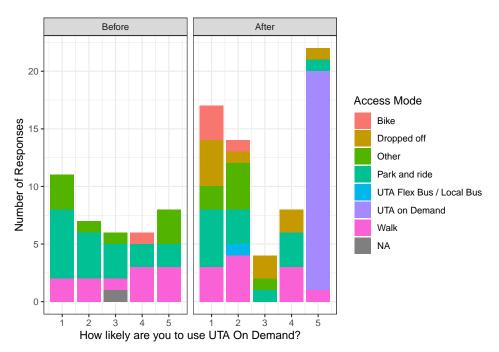


Figure 2. Reported likelihood of using microtransit by transit access mode.

of the system indicates both that the UTA marketing efforts were effective, and also that the responses to the subsequent question of likeliness to use the service are based in some level of understanding.

Figure 2 shows the reported likelihood of survey respondents to download the necessary application and use the microtransit service, separated by access mode. Respondents who were already using the service selected "5: Extremely Likely." The first result of this analysis is that there appears to be a polarization in opinions after the service commenced operations. Although there are some strong feelings against and for the service in the "Before" tranche, the neutral opinions have comparatively disappeared in the "After" tranche. This likely reflects the increasing awareness of the service discussed above and a hardening of engrained or newly learned habits. It is important also to stress that the question will not necessarily elicit an opinion as to whether the service should exist, merely whether the particular respondent is willing to use it.

The sample is too small to conduct meaningful statistical inference on the role that access mode plays in these opinions, but some discussion of these observations is still worthwhile. The apparent reluctance of bicyclists to use the service is likely statistical noise, though it should also be noted that the "After" tranche was collected in January and February, when Utah is typically cold with snow on the ground. Perhaps individuals who are still cycling at those times will persist in doing so. Additionally, the microtransit vehicles are not equipped with bicycle racks. It is also interesting to note that there appears to be little overall correlation between access mode and expressed willingness to use the service, unless the UTA On Demand service attracts people who would not have used the service otherwise. Of these individuals who responded to a question about their hypothetical alternative mode, four reported that they would have used a Transportation Network Company (TNC; e.g. Uber, Lyft, etc.), two would have used regular UTA services, two would have driven to the transit station, one would have walked, and one would not have used transit at all. Additionally, the text responses to the access mode question in the "before" tranche revealed a number of individuals who used a TNC to access the system. This supplies anecdotal evidence that microtransit is competing more against commercial TNC offerings than against conventional transit services.

The next consideration is whether the expressed or observed likeliness to use the microtransit service is related to the demographic characteristics of the respondents. Noting the low response rate to many of the demographic questions (see Table 2), it is not possible to construct a model that would predict the likeliness score as a function of these characteristics in combination. It is still valuable,

Table 3. Distribution of Rider Characteristics by Reported Likeliness

Demographic	Not Likely	Neutral	Likely			
Smartphone; Fisher p-value: 0.5633						
No	2	1	1			
Yes	41	8	30			
Household size; Fisher p-value	Household size; Fisher p-value: 0.2068					
1	2	0	2			
2	8	0	1			
3	4	1	0			
4+	14	3	11			
Auto availablity; Fisher p-value: 0.6593						
0	1	0	3			
1	22	3	10			
2	12	3	9			
3	7	1	5			
4+	3	2	3			
Income; Fisher p-value: 0.6873						
Less than \\$44,999	4	1	3			
\\$45,000 to \\$100,000	10	2	5			
Over \\$100,000	9	0	6			
Age; Fisher p-value: 0.0036						
Under 18	1	2	0			
18-24	7	2	9			
25-44	28	1	17			
45-64	7	5	3			
Over 65	1	0	0			
Weekly transit use; Fisher p-value: 0.2937						
One day or less frequently	11	3	4			
Two to four days	18	4	22			
Five days or more	20	3	18			

however, to consider how the observed distribution of these characteristics differs between individuals who are or are not likely to use the service. These distributions are shown in Table 3, along with the result of a two-sided Fisher exact test of independence between the indicated characteristic distribution and the three-category likeliness response. In this test the null hypothesis is that the two distributions are independent with the alternative being there is some dependence between the characteristic and the response. A p-value less than a given critical threshold indicates that the null hypothesis has a low probability and may be rejected. A conventional value of the critical value is  $\alpha = 0.05$ , though given the small sample sizes in this survey other critical values may be suggestive of the need for future evaluation.

Smartphone use appears to not be a contributing factor in the likeliness of using microtransit, as almost all respondents use a smartphone regardless of their reported likeliness. We also fail to reject the null hypothesis of independence between the likeliness to use microtransit and both auto availability and household income. The joint distribution of reported likeliness and household size suggests there could be some dependence, with members of smaller households more frequently expressing reluctance to use microtransit. This finding, if it could be verified, would be somewhat counter to the *a priori* expectations of UTA. A Fisher test of independence between household size and expressed likeliness still fails to conclusively reject the null hypothesis but given the small sample size and counter-intuitive results, future investigation is warranted. This is particularly true given that automobile availability and household size go hand-in-hand: a household with more individuals, particularly driving-age individuals, will be more constrained in their driving behavior even with multiple household automobiles. Considering these two variables together will be important for future research but cannot be attempted here. There is also a suggestive relationship between transit

	Not Likely	Neutral	Likely
Under 18	-0.5904	1.6386	-1.0482
18-24	-2.5422	-0.1687	2.7108
25-44	3.6145	-4.5422	0.9277
45-64	-0.9518	3.1928	-2.2410
Over 65	0.4699	-0.1205	-0.3494

Table 4. Difference of observed and expected frequencies for age and likeliness

use frequency and the responded willingness, with more frequent users having somewhat more willingness to use microtransit.

A clear statistical result is shown, however, between the reported willingness to use microtransit and the age of the respondent. This significant result persists when we recombine the age categories as well as discard neutral responses. Table 4 shows the differences between the observed values in the joint distribution of these two variables and the expected values based on the marginal distributions were the two variables to be completely independent. The largest differences occur in three noticeable places. First, individuals in the 18-24 years old category are more likely to express willingness to use microtransit. Second, individuals between 45 and 64 are more likely to express a neutral opinion than a positive or strictly unlikely one. Finally, individuals between 25 and 44 are – perhaps surprisingly – substantially more likely to express a negative opinion than a neutral one; these individuals are also modestly more likely than expected to express positive willingness to use transit.

# 3.1. Multiple Imputation

The attitudinal survey analysis presented by König and Grippenkoven [15] included an unreported fraction of incomplete records that were filled via hot-deck imputation. The applicability of missing variable imputation to the present situation is potentially inappropriate, given both the degree of missingness in some variables as well as the potential for these variables to not be missing at random. Nevertheless, the suggestive results on the age, frequency of transit use, and household size variable indicates that such an analysis might be illuminating, if not conclusive.

We generated 20 multiple imputed complete datasets with the following variables: available autos, age, household size, income, and the frequency of using transit. The imputed datasets were generated via chained equations using classification and regression tree methods encoded in the mice package for R [17,18]. Each imputed dataset contains 130 completed observations.

We computed the Fisher exact test of an independent relationship between willingness to use microtransit and the significant and suggestive variables on each imputed dataset: household size, age, and frequency of transit use. The Fisher test does not have a test statistic and generates *p*-values via simulation; we therefore pool the *p*-values from the 20 tests using a methodology proposed by Licht [19].

The pooled p-values obtained through the multiply imputed data sets are given in Table 5 alongside the original, non-imputed p-values. In the imputed data, there appears to be a clearer relationship between likeliness and household size, sufficient to reject the null hypothesis of independence at a standard significance level. The relationship between age and likeliness is weakened relative to the non-imputed data, but still would be considered significant. There remains no evidence that expressed likeliness to use microtransit is correlated in any way with the frequency of using transit.

# 4. Discussion

We readily acknowledge several limitations of this study, particularly in the survey design and methodology. The interviews were conducted as a convenience sample rather than with a rigorous sampling strategy, with the statistical caveats resulting from that design decision. The sample is also

**Table 5.** Fisher Exact p-value with Imputation

Variable	Original p	Imputed p
Household size	0.2068	0.0366
Age	0.0036	0.0062
Weekly transit use	0.2937	0.3454

Table 6. Average Weekday Ridership, November through January

	Microtransit Service Area		Other UTA Services	
Year	Avg. Weekday Boardings	% Change	Avg. Weekday Boardings	% Change
2017-2018	1179.33		147410.0	
2018-2019	1125.00	-4.61	146743.0	-0.45
2019-2020	970.33	-13.75	147009.8	0.18

too small to have substantial statistical power, particularly in statistics calculated on multiple grouping dimensions. Finally, the survey collected self-reported responses with no verification or validation of any kind.

Most survey responses were collected on fixed rail transit station platforms. Passengers of UTA rail services were assumed to be the primary audience for the microtransit service, and these riders were presumably more likely to be available to complete a survey while waiting for a train. Additionally, UTA is interested in supporting its fixed rail transit investments in the service area. There is, however, no requirement that microtransit passengers use other UTA services; data supplied by the microtransit provider but not included in this study suggest that only 58% percent of microtransit trips began or ended within 500 feet of a UTA rail transit station. This population might have preferences or patterns that either match or contradict the initial findings of this research.

In spite of these limitations, the findings of this research suggest some potential paths for transit agencies considering the deployment of a transportation mode of this kind. First, the negative result with respect to income is somewhat promising: an inability to reach out to low-income individuals was a factor in the failure of Kutsusplus [11]. The significant findings — a relationship with age in the original data and also with household size in the multiply-imputed data — also hold meaning for transit providers. Of particular note is the absence of a middle ground or neutral opinion on the service for the largest age group in the survey, those individuals between 25 and 44 years old. In the next older group (45 to 64 years old), a neutral opinion is considerably *overrepresented*. Does this mean that members of this older group could be a target of successful marketing efforts? How much of these attitudes are actually tied up in covarying household conditions such as vehicle availability and household size? More research is necessary.

In discussing the responses to the question of what mode microtransit passengers would have used were the service not available, we suggested there is anecdotal evidence that commercial TNC rides are the primary competition. There are still questions, however, of how use of this microtransit service might affect conventional transit services. Table 6 shows the average weekday ridership during November, December, and January for the period the microtransit service was operating as well as the same three months in the two prior years [20]. Total system ridership was remarkably stable during these three periods. The microtransit service area – in this case defined by ridership on routes F514, 218, 526, F504, F518, F534, F546, and F547 – was declining before the microtransit service began, though the decline accelerated during the first three months of the service's operation. By comparison, the microtransit service carried approximately 316 passengers per day during its first three months, more than compensating for the recent observed decline in transit ridership were this to be identified as a major contributing factor.

A final limitation of these findings is the onset of the COVID-19 pandemic. Government-imposed shutdowns and voluntary work stoppages related to the pandemic did not begin in Utah until the

week of March 15th, after data collection for this project had completed. As such, the survey responses are likely unaffected by changes in behavior related to the pandemic. However, the pandemic has drastically affected the subsequent operations of both UTA and Via and is likely to change many of the stated behaviors and attitudes reported in this study. Many findings of this study will need to be reconsidered should "normal" operations resume.

#### 4.1. Conclusion

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Microtransit services are regularly put forward as means to support last-mile / first-mile trips on fixed route transit systems, and several such systems have been deployed in the recent past. This paper presented initial findings from a quick response survey aimed at learning who was most willing to use a new service within weeks of the system launch. These initial findings suggest first that younger adults are most willing to consider using microtransit services, especially in larger households. Additionally, these services compete most directly with commercial TNC ridehail offerings in addition to fixed-route transit services.

Though preliminary, it is worth considering how these findings might transfer to projects in other cities. The spatial and infrastructure context of the region has played an important role in the UTA On-Demand's overall success. A low-density but rapidly developing suburban region bracketed by multiple high-frequency and high-capacity rail lines provides an ideal environment to test the potential of microtransit as a first-/last-mile access technology. The results of this study specifically suggest that younger adults and those with larger households express a higher willingness to use microtransit services. Salt Lake County and Utah more generally has a large population that matches this description, with a high share of young adults and a high birth rate relative to the United States average [21]. Planners considering implementing microtransit services to support station access might consider the demographic characteristics of the population in their target areas to maximize the project's success.

Transit passenger intercept surveys are an important method to determine who is and who is not using a microtransit service, paired with demographic characteristics and trip purpose information. To understand the rider characteristics and trip purposes specifically of microtransit users, by contrast, better survey methods are needed. In particular, a survey pushed through the smartphone application used by the passengers would help in reaching a considerably larger sample. It would also be theoretically possible in that case for the researchers to pair the survey responses with actual observed trip patterns for distinct users including origin, destination, and route GPS points, regularity of use and variance in use patterns, and many other data variables. Obtaining these data and conducting responsible research with them should be a priority for the service operators and their agency partners.

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# 324 Abbreviations

The following abbreviations are used in this manuscript:

TNC Transportation Network Company, e.g. Uber, Lyft

UTA Utah Transit Authority

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