



2006 Utah Transportation Survey: Aging and Mobility

Full Report

June 2006



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Report Prepared by Anita Stowell-Ritter

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AARP is a nonprofit, nonpartisan membership organization that helps people 50+ have independence, choice and control in ways that are beneficial and affordable to them and society as a whole. We produce *AARP The Magazine*, published bimonthly; *AARP Bulletin*, our monthly newspaper; *AARP Segunda Juventud*, our bimonthly magazine in Spanish and English; *NRTA Live & Learn*, our quarterly newsletter for 50+ educators; and our website, www.aarp.org. AARP Foundation is an affiliated charity that provides security, protection, and empowerment to older persons in need with support from thousands of volunteers, donors, and sponsors. We have staffed offices in all 50 states, the District of Columbia, Puerto Rico, and the U.S. Virgin Islands.

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Background

Transportation is a major element in maintaining personal independence and a high quality of life. Flexible transportation options are essential for accessing health care services, establishing and maintaining social contacts, and preserving independence and general well being.¹

Today, older persons are heavily reliant on the automobile to take them where they need and want to go. Even in urban and suburban areas where public transportation is available, older adults maintain a heavy reliance on the car.

As the population ages and more persons experience barriers to driving and riding alternative forms of transportation, more attention must be given to policies that assure persons have flexible and safe mobility options that allow them to get the services they need. The Utah Department of Transportation in collaboration with AARP Utah is examining a myriad of transportation issues that will affect the quality of life of all Utahans as they age. These data will be used to help define appropriate policies and strategies to aid residents in accessing the goods and services they need in a barrier free and safe manner.

Methodology

AARP commissioned Dan Jones and Associates to conduct a telephone survey of residents age 50 or older in Utah. A total of 1,210 interviews were completed. Survey responses were weighted to reflect the distribution of age distribution of persons age 50 and older in Utah as estimated in the 2000 Current Population Survey Voter Supplement. The weighted sample is 1,188. Weighted responses to all survey questions are in the annotated questionnaire. The survey was conducted between February 25, 2006 and March 22, 2006. The survey has a sampling error of plus or minus 2.8 percent. The survey has a response rate of 13.8 percent and a cooperation rate of 24.5 percent.

In addition to the main sample (n=800), two oversamples of 200 interviews each were completed: 200 interviews with residents age 85 and over and 200 interviews with those who reside in predominantly rural counties. These oversamples have a sampling error of plus or minus 7.1 percent. The findings of these two surveys are described in two separate reports.

This report summarizes weighted overall findings on all the topics covered in the survey. Throughout the report, statistics representing member responses are reported in percentages. In some instances, percentages are small and may not seem to represent a significant proportion of residents age 50 and older, yet when projected to the total number of Utah residents age 50 and older the actual number of people may be substantial. As of February 28, 2006, the number of AARP residents age 50 and older in Utah was 199,091.

¹ Houser, A. *Community Mobility Options: The Older Person's Interest*. AARP Public Policy Institute, 2005.

Highlights

- Nine in ten (90%) Utah residents report they have driven in the past month. Driving, however, declines slightly with age (50-74, 97% vs. 85+, 89%).
- Slightly more than nine in ten (93%) residents report driving is their primary mode of getting to where they need and want to go. Among those residents age 85 and over, about three in five (67%) report driving is their primary mode of transportation while nearly two in five (37%) indicate they primarily ride share.
- More than two thirds of respondents (68%) report they drive to somewhere six or more times per week, and two in five (40%) report they share a ride with someone at least once a week. Few say they use taxis (2%), or senior or community vans (2%) regularly. Fifteen percent of those with available public transportation report they have ridden it at least once during the past two months.
- Few residents report they have a physical problem that prevents them from driving (7%), riding public transportation (5%), taking a senior or community van (2%), transportation for those with disabilities (2%) or taking a taxi (1%). Notably, 16 percent of residents say they have a problem that interferes with their ability to walk to places they would like to go. As age increases and health and disability (HDS) status² declines, health and disability problems affect a member's ability to use most forms of transportation.
- About half of drivers report they have at least a small problem with inconsiderate drivers (64%), dealing with traffic congestion (49%), and the cost of operating a car (46%).
- Among the four in five respondents who report public transportation is available in their community, less than one in ten (7%) say they use it at least once per week. Of those who use public transportation, the two most common problems reported are: 1) public transportation does not go to where they need to go (50%) and 2) the amount of time required to use it (44%).
- Nearly all (98%) residents report they have not used a senior or community van in the past two months.
- Most (97%) residents report that during a typical week, they leave their home at least once. Only one percent says they do not leave their homes at all. As age increases and HDS status declines, mobility declines. Four percent of residents age 85 and over report they do not leave their homes during a typical week. One in four (26%) residents with *poor* HDS say they leave their home two or fewer times in a typical week.
- Slightly more than one in ten (11%) residents age 50 and older indicate they miss something they would like to do at least occasionally because they lack transportation.

² To capture the relationship between health and disability, a Health and Disability Status (HDS) index was created to reflect the interrelationship between these two factors. See page 6 for a description on how this index is calculated.

- Most residents are satisfied with their ability to get to a place they need and want to go. Again, age, health and disability status, and driving status influence satisfaction dramatically. Older residents, those with *poor* HDS, and non-drivers are significantly less satisfied than their counterparts.
- Half or more of residents rate their communities as at least good in terms of their ability to get to where they need and want to go (74%), providing parking for people with disabilities or health problems (72%), and offering dependable public transportation (53%).
- About four in ten or more residents rate their communities as at least good in terms of providing a variety of services to help people maintain their independence as they grow older (42%) and offering convenient transportation for people with disabilities (38%).

Detailed Findings

A. Respondent's Health Reports

Health status declines with age.

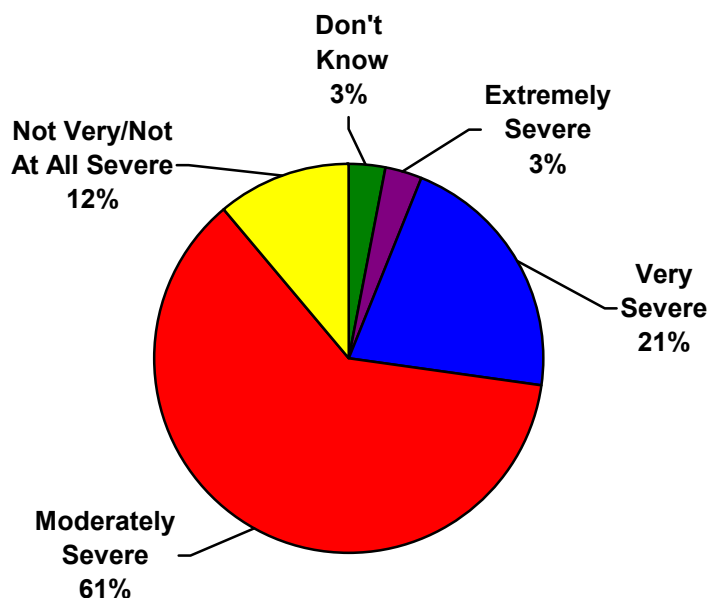
Utah residents age 50 and older were asked to rate their current health as excellent, very good, good, fair, or poor. More than half report their health is either excellent (23%) or very good (31%). The percentage of residents age 50 and older who report their health as either excellent or very good, however, declines with age.

Self-Reported Health Status By Age Group

Health Status	Age			
	50-74 (n=945)	75-79 (n=103)	80-84 (n=79)	85+ (n=55)
	<u>%</u>	<u>%</u>	<u>%</u>	<u>%</u>
Excellent	26	13	18	9
Very Good	33	23	25	24

When asked if any disability, handicap, or other chronic disease keeps them from participating fully in work, school, housework, or other activities, one in five (20%) report they have such a condition. However, about more than one in three (35%) residents age 85 and over report they have such a condition compared to about less than one in four of those ages 50 to 74 (18%). Those who report such a condition were asked how they would describe the severity of their health difficulties or disabilities. About one in four (24%) residents age 50 and older indicate their condition is extremely or very severe.

Severity of Health Difficulties or Disabilities
(n=239, residents age 50 and older who report difficulties)



The severity of difficulties is most pronounced among those residents ages 50 to 74 (extremely severe, 3% or very severe, 24%).

Residents age 50 and older were also asked whether they had difficulty with eight types of routine activities such as climbing stairs, walking a quarter of a mile, or lifting or carrying something as heavy as ten pounds. More than half (55%) of residents age 50 and older report they have no difficulties, and 19 percent indicate they experience difficulty with one of the seven activities. More than one in four respondents (26%) report two or more difficulties.

The percentage of residents age 50 and older who report two or more difficulties significantly increases among the older cohorts.

Count of Difficulties with Routine Activities By Age Group

Number of Difficulties with Routine Activities	Age			
	50-74 (n=945)	75-79 (n=103)	80-84 (n=79)	85+ (n=55)
	%	%	%	%
None	64	52	35	30
One	18	19	26	22
Two or More	18	29	39	49

B. Health and Disability Index

Since health and disability are interrelated, a health and disability status (HDS) index has been created to simultaneously capture the variation in each measure.³ The HDS index is drawn from two survey questions: *Question 32*, which assesses self-reported health status and *Question 33*, which assesses the difficulties the residents age 50 and older have in seven key routine activities such as reading, hearing, lifting, climbing stairs, and walking (See Appendix I: Annotated Survey Questionnaire).

The health status of a respondent is recorded on a 5-point scale with *excellent* health rated as 5 and *poor* health rated as 1. The count of disabilities is used to describe disability status. For example, a respondent who reports no disabilities gets a disability score of 0, while a respondent with seven disabilities gets a score of 7. The HDS index rating is then calculated by subtracting the number of disabilities from the self-described health rating. Thus, a respondent who reports he/she is in *excellent* health with no disabilities has an HDS score of 5, while a respondent who reports *poor* health and seven disabilities has an HDS score of -6. On the basis of their HDS scores, residents age 50 and older are classified into four groups: *excellent* HDS (a score of 5), *good* HDS (a score of 4 or 3), *fair* HDS (a score of 2 or 1), or *poor* HDS (a score of 0 to -6).

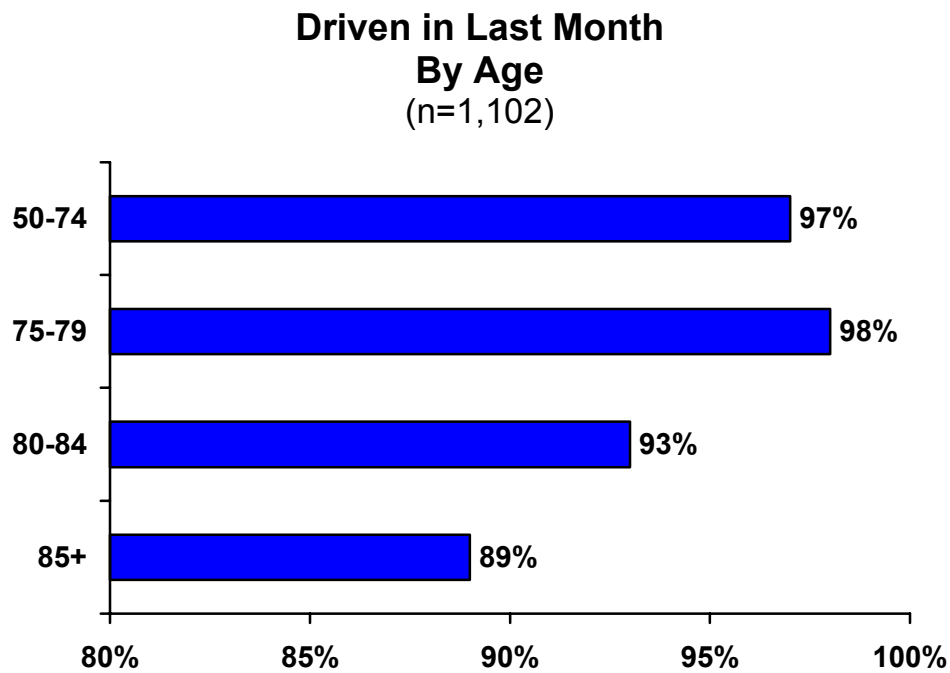
The percentage of residents age 50 and older who are classified as *poor* HDS status climbs significantly with age (50-74, 13%; 75-79, 18%; 80-84, 24%; 85+, 36%).

³ This Index was created by Edward Evans, AARP Knowledge Management, to account for the influence of both health status and disability on mobility options. This Index was first introduced in *Understanding Senior Transportation: Report and Analysis of a Survey of Consumers Age 50+*, a 2002 publication of the AARP Public Policy Institute.

C. Transportation Mode and Behavior

Nine in ten Utah residents age 50 and older report they have driven in the last month.

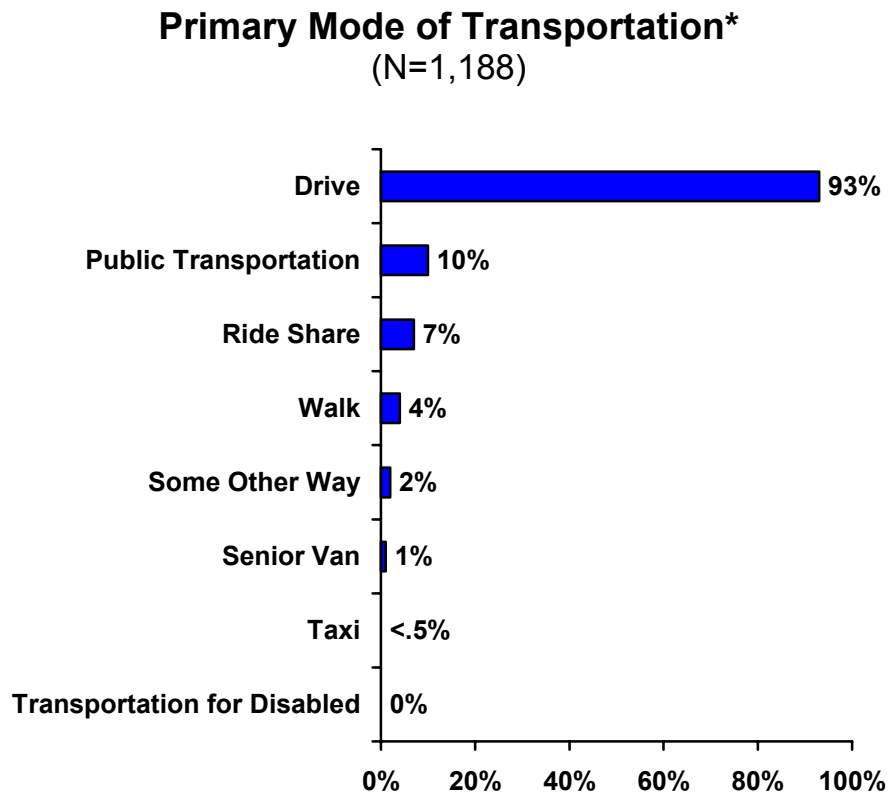
Nine in ten (90%) residents age 50 and older with driver's licenses report they have driven in the last month. The percentage of residents age 50 and older who report driving in the past month, however, declines with age with the greatest decline among those age 85 and over. More than one in ten of those 85+ indicate they have not driven in the last month. Those residents age 50 and older who have not driven in the past month are considered non-drivers for the purpose of this report.



Nearly all (98%) of those with *excellent* HDS status report they have driven during the last month. Fewer of those with *poor* HDS report driving during the last month (89%).

Slightly more than nine in ten residents age 50 and older indicate they usually drive when they need to get somewhere.

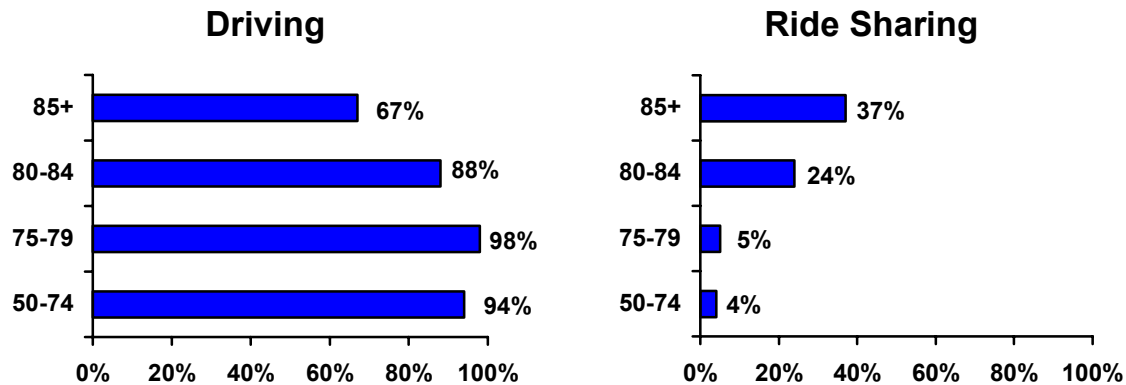
Residents age 50 and older were asked in general how they got to somewhere when they needed to go. Most residents age 50 and older report they drive a car. Fewer than one in ten residents age 50 and older say they get a ride with family or friends, and fewer than five percent of respondents say they walk.



**Percentages exceed 100% due to multiple responses.*

Reliance on driving to get to where they need to go declines with age, most noticeably among those age 85 and older. Concomitantly, ride sharing increases with age. Nearly two in five of those residents age 85 and over report getting a ride with family or friends is their primary mode of transportation.

Primary Mode of Transportation*
By Age
(N=1,188)



*Percentages exceed 100% due to multiple responses.

While there is an increase in use of senior or community vans among older cohorts, use of these services among those age 85 and older remains low (senior vans, 4%). Transportation service for those with disabilities is not a primary source of transportation for any age group.

Health and disability status also influences usual mode of transportation. Among those with excellent HDS status, all drive (99%) and slightly more one in ten take public transportation (12%) and walk (11%). Only two percent of residents age 50 and older report they share a ride with family or friends.

This balance shifts significantly for those with *poor* HDS status with only slightly more than three in four reporting they drive (76%); about one in seven say they ride share (17%), and take public transportation (14%). Less than five percent of those with *poor* HDS status report using any other mode of transportation.

D. Effects of Age and Disability on Transportation Choice and Use

Age and disability status have a significant effect on a respondent's ability to use all modes of transportation.

Residents age 50 and older were asked whether they have any health problems or disabilities that prevented them from using six modes of transportation. Only a few (16%) say they a health problem or disability prevents them from walking. Seven percent or less indicate they have a physical problem that prevents them from driving (7%), riding public transportation (5%), taking a senior or community van (2%), transportation for those with disabilities (2%), or taking a taxi (1%).

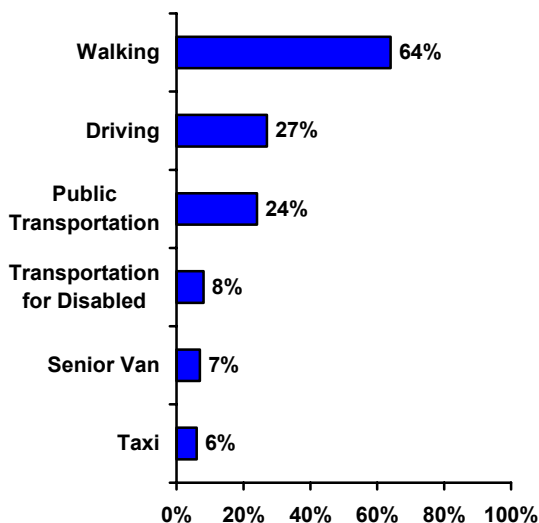
About two in three (64%) residents age 50 and older with *poor* HDS indicate they have a health problem or disability that prevents them from walking compared to only two percent of those with *excellent* HDS.

Reported difficulties also increase with age. For example, nearly two in five (37%) of those age 85 and over indicate a health problem or disability prevents them from walking compared to 13 percent of those ages 50 to 74.

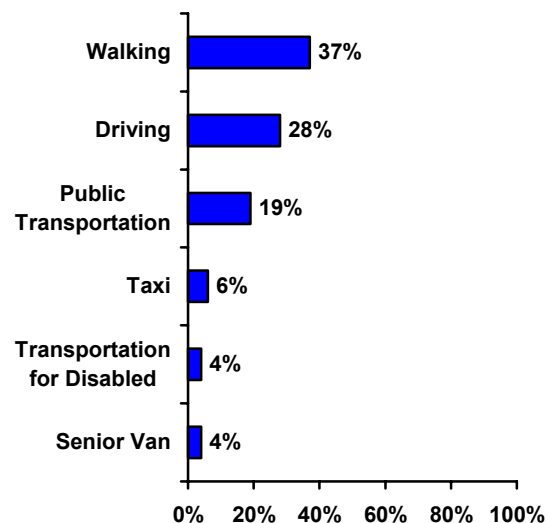
As age and disabilities increase, problems affecting a respondent's ability to walk, drive, or take public transportation also increase.

Health Problems or Disabilities Prevent Use of Six Modes of Transportation By Age and *Poor* Health and Disability Status

Poor Health and Disability Status
(n=178)



Age 85 and Over
(n=55)

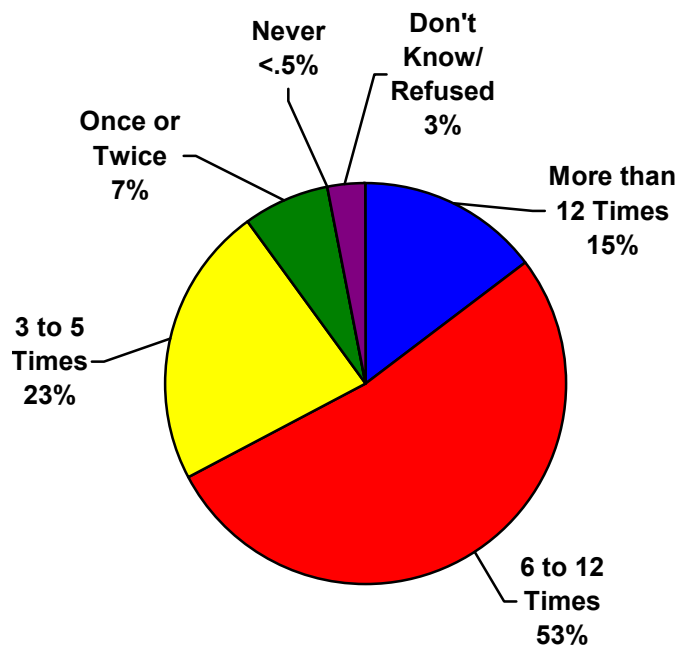


E. Driving Behavior

Nine in ten residents age 50 and older who are licensed and have driven in the last month indicate they drive to where they want to go at least three times per week.

Residents age 50 and older who drive were asked: “In a typical week, how often do you drive a car to get to where you want to go?” Nine in ten (90%) report they drive at least three times or more per week.

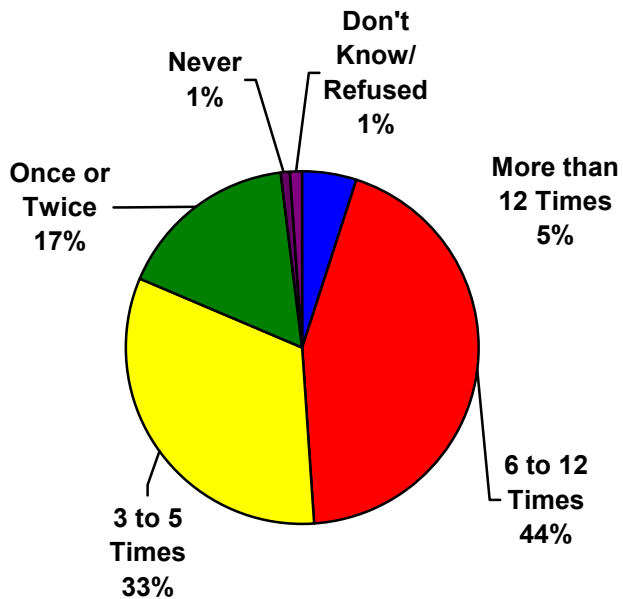
**Frequency of Driving During a Typical Week
Among Drivers
(n=1,064)**



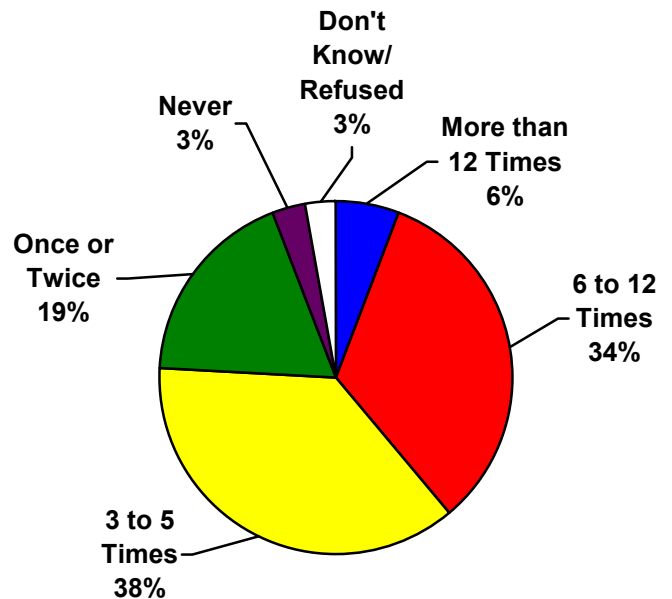
Notably, among residents who are age 85 and older and those with *poor* HDS about one in five reports they only get out two or fewer times per week.

Frequency of Driving During a Typical Week Among Drivers By Age and *Poor* Health and Disability Status

***Poor* Health and Disability Status
(n=178)**



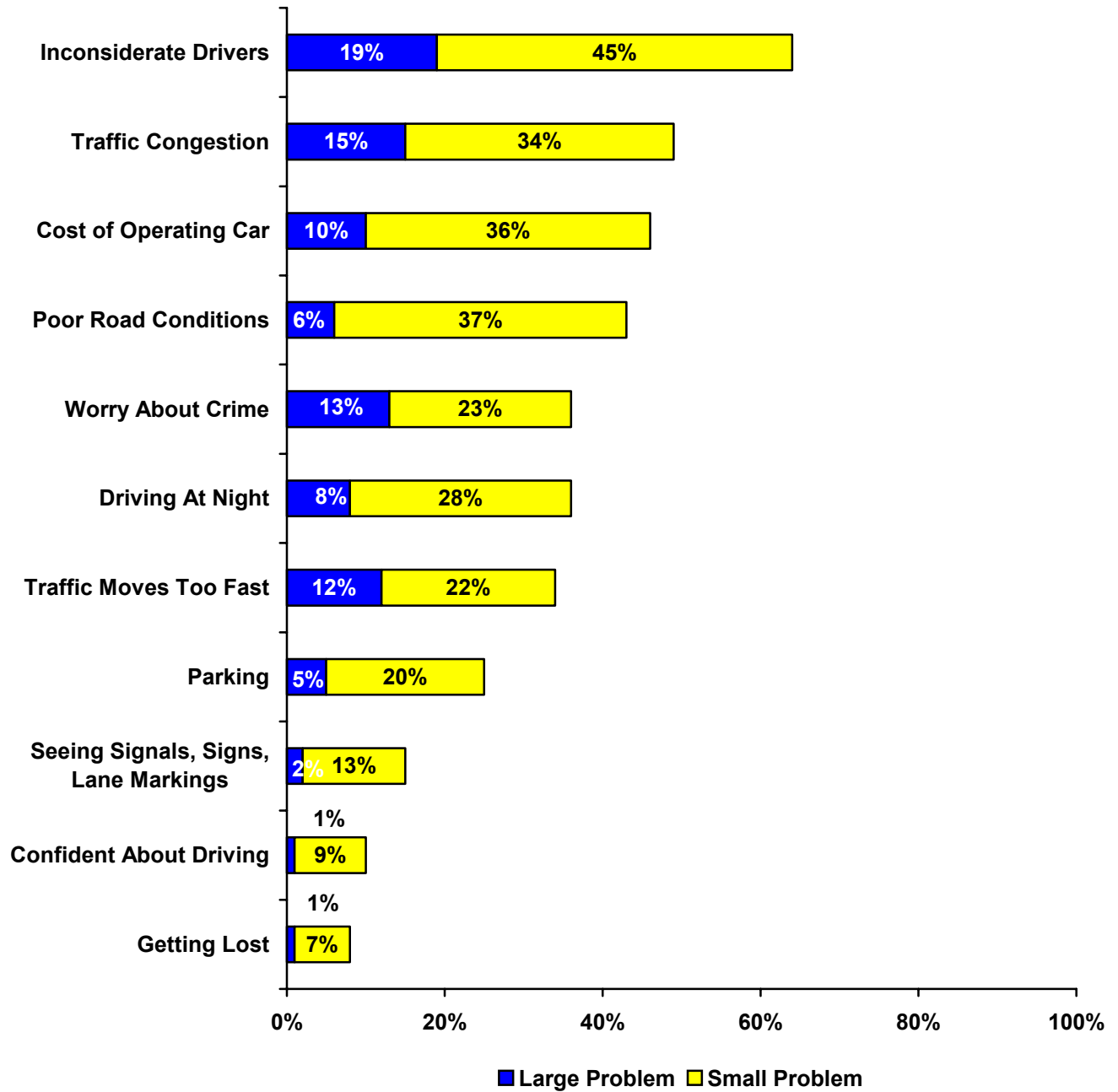
**Age 85 and Over
(n=55)**



About half or more of drivers report they have at least a small problem with inconsiderate drivers, dealing with traffic congestion, and the cost of operating a car.

Drivers were presented with a list of 11 difficulties people experience when driving and asked whether each presented a small problem, a large problem, or no problem for them. About two in three drivers indicate they have a problem with inconsiderate drivers. About half indicate a problem dealing with traffic congestion and the cost of operating a car. More than four in ten cite problems with poor road conditions. About one in three also report problems with driving at night, crime, and traffic moving too fast.

Large or Small Driving Problems Among Drivers (n=1,027)

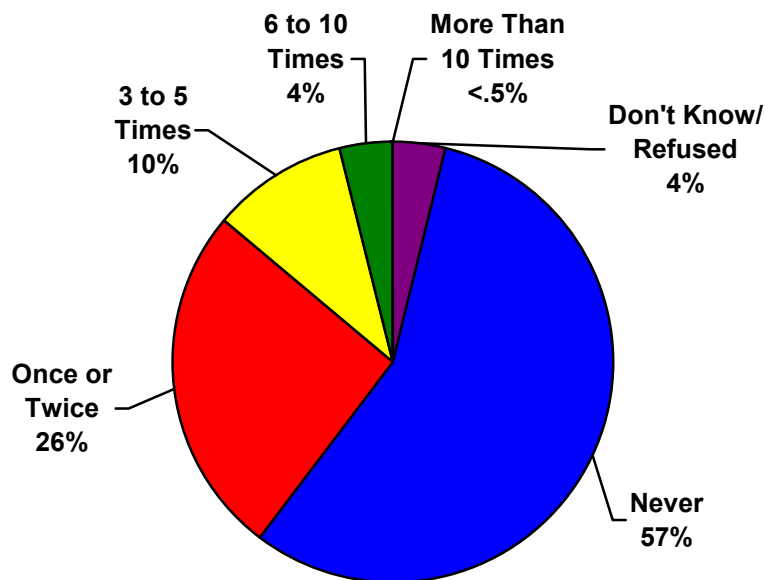


F. Ride Sharing Experience

Four in ten Utah residents age 50 and older indicate that in a typical week they ride with someone else to where they need and want to go.

When respondents were asked how often does someone else drive you to where you need and want to go, a majority of respondents report they never ride with someone else, while two in five report they ride with someone at least once or twice or more per week.

**Frequency of Ride Sharing During a Typical Week
(N=1,188)**



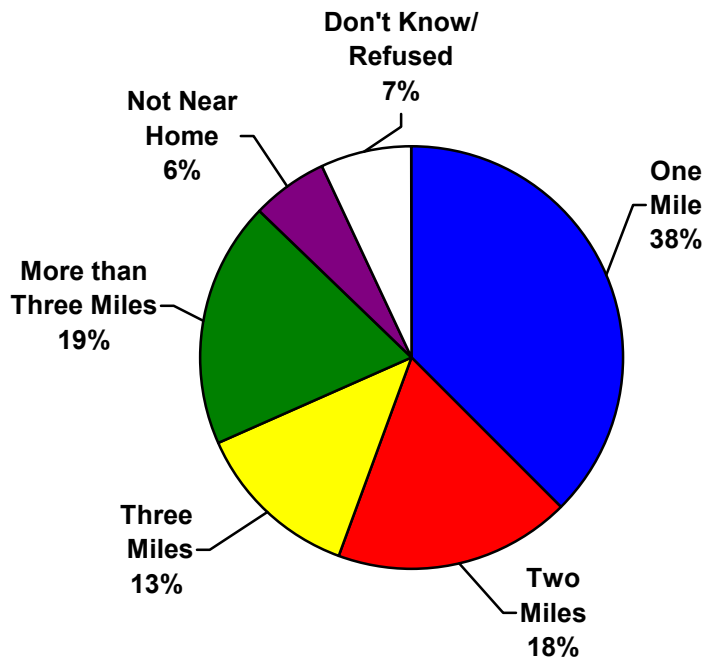
A majority of those who ride share report they ride with a spouse (56%) or a member of their immediate family (26%).

G. Experience with Public Transportation

Four in five residents age 50 and older report there is public transportation available in their community.

Using their best knowledge, residents age 50 and older were asked whether public transportation is available in their community. Four in five (80%) estimate it is available. About two in five indicate the closest public transportation stop is within a mile of their home, and about one in five say it is within two miles. One in four say it is more than three miles from their home or there is no stop near their home.

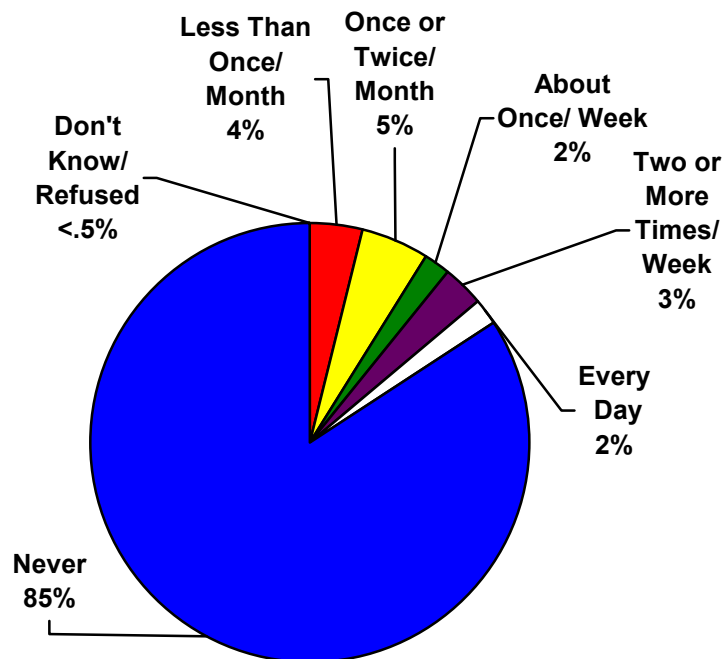
Approximate Distance of Nearest Public Transportation Stop (n=948)



Few residents age 50 and older with access to public transportation use it on a regular basis.

Respondents who indicate a distance from the nearest transportation stop were asked how often they have used public transportation in the past two months. Most residents age 50 and older indicate they never use public transportation. Only five percent report they ride it two or more times per week.

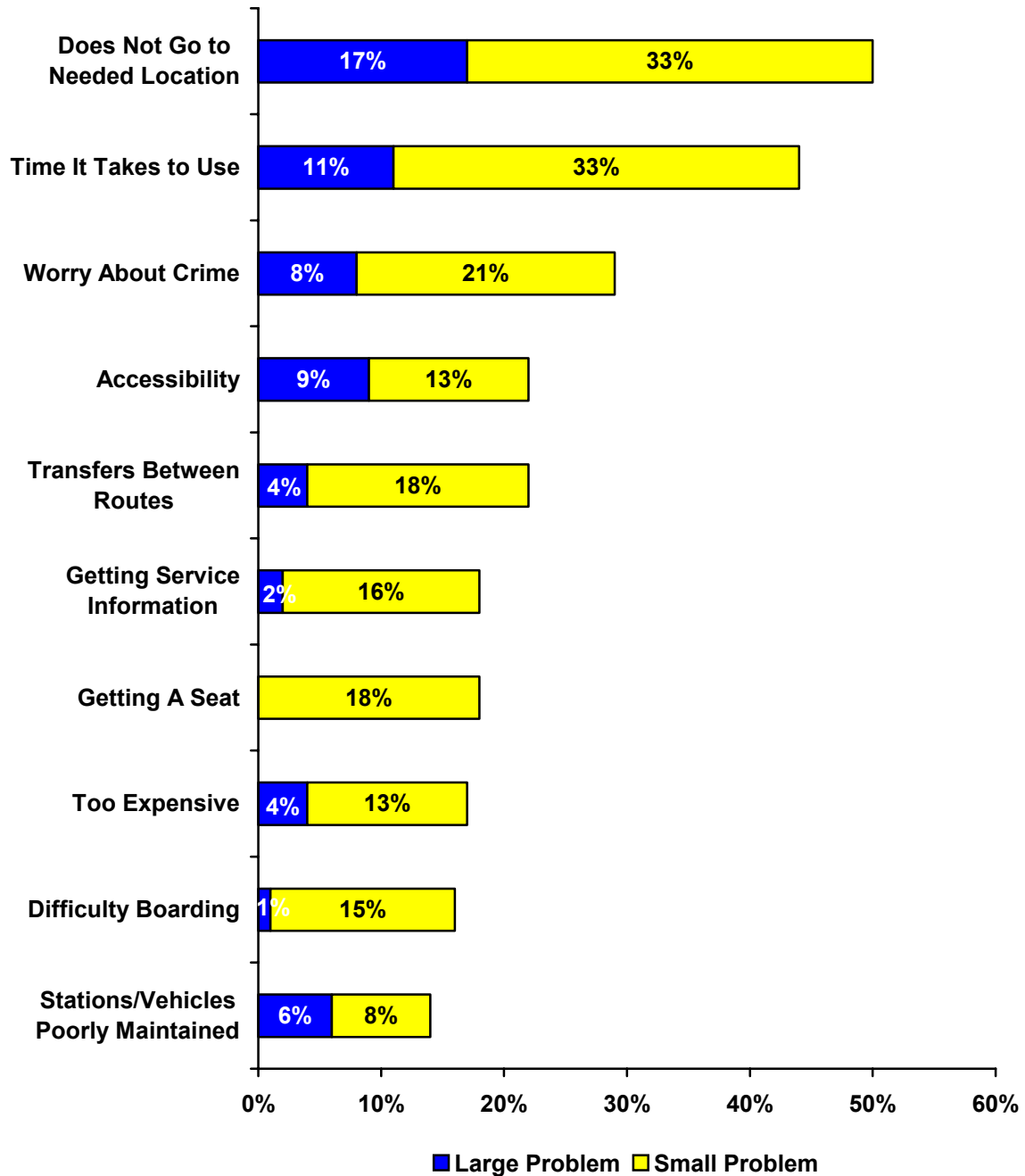
Frequency of Public Transportation Use Among Respondents Who Report the Availability of Public Transportation Near Their Home (n=828)



For those residents age 50 and older who use public transportation, half say it is at least a small problem for them that public transportation does not go where they need to go.

Residents age 50 and older who say they use public transportation were provided with a list of 10 situations that may cause them difficulty when using public transportation and asked to indicate if the situation caused them a large problem, small problem, or no problem for them. The greatest problem cited by users is public transportation does not go where they need to go. More than two in five users also indicate the time it takes to use public transportation is at least a small problem for them.

Large or Small Problems Experienced When Using Public Transportation Among Users of Public Transportation (n=122)



H. Experience with Taxicabs

Most Utah residents age 50 and older do not use taxis regularly.

Respondents were asked how frequently they have used a taxicab in the past two months. Nearly all respondents (98%) indicate they have not taken a taxicab in the past two weeks. One percent each indicates they have taken it once or twice a month or less than once a month.

Those who report having taken a taxicab during the past two months were asked in an open-ended question, what types of problems they had experienced. Of the 21 residents who report using a cab, more than half (53%) indicates they have had no problems. About one in three (32%) report taxicabs are too expensive. Another one in four (24%) say the taxicabs are poorly maintained. Only one percent reports they have difficulty communicating with the drivers.

I. Experience with Senior or Community Vans

Nearly all residents age 50 and over indicate they have not used a senior or community van in the past two months.

Respondents were asked how often they had used a senior or community van during the past two months. Nearly all (98%) report they never use a van. One percent each says they have used a van once or twice a month or less than once a month.

Of the 23 respondents who report using a van during the past two months, more than seven in ten (72%) report they have not experienced any problems in using the vans. About one in eight (12%) say the vehicles are poorly maintained. Three percent indicate they have experienced problems getting information about availability or eligibility.

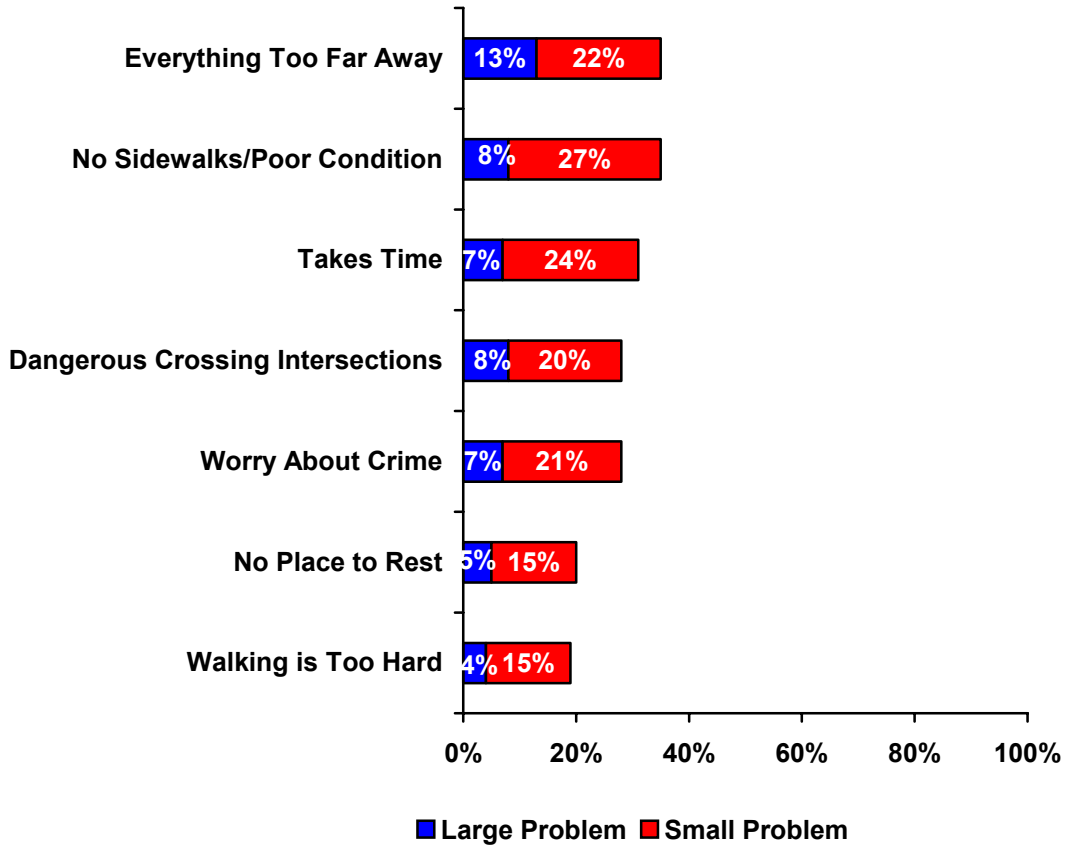
J. Experience Walking

More than one in four respondents indicate they have walked to where they wanted to go in the past two months.

While more than two in five (43%) of respondents say they have never walked to where they wanted to go in the past two months, more than one in four report they walk every day (7%) or two or more times per week (20%). One in seven (14%) indicate they have walked somewhere at least once or twice a month. Four percent say they have walked somewhere they wanted to go less than once a month.

Those respondents who say they have walked to where they wanted to go in the past two months were provided with a list of some problems some people experience while walking. They were asked to indicate whether each of the seven items presented a large problem, small problem, or no problem for them. The two problems most frequently cited are everything is too far away and there are no sidewalks or the sidewalks are in poor condition.

Large or Small Problems Experienced While Walking Among Those Respondents Who Walk to Where They Want to Go (n=656)



K. Experience with Medical Transportation Services

About three in five respondents report transportation services that take persons to medical appointments are available in their community.

Respondents were asked to the best of their knowledge whether there are medical transportation services available in their community. Three in five (59%) indicate these services are available. About one in four (24%) are unsure whether they are available. Seventeen percent report these services are unavailable.

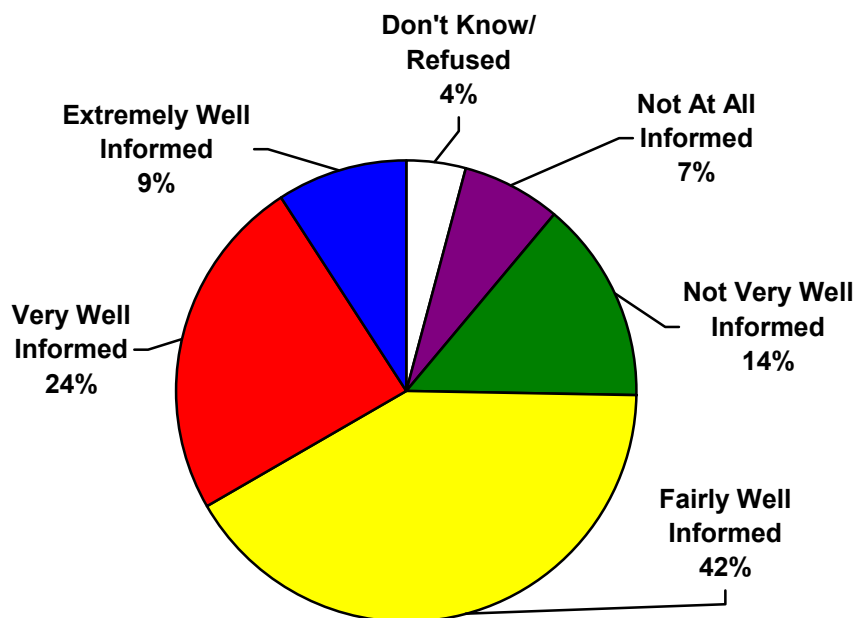
Of those who say services are available (n=701), only three percent indicate they have ever used the service. Of those who have used the service (n=22), nearly two in three (64%) say they have not used them in the past two months. More than one in four (27%) say they have used the service once or twice in the past two months. Six percent have used the service less than once a month. Only two percent report they use the service two or more times per week. Those who have used the service during the past two months report no problems with using the service.

L. Informed about Community Transportation Services

One in three respondents report they are extremely or very well informed about transportation services in their community.

One in three (33%) of respondents report they are extremely or very well informed about transportation services in their community, but slightly more than one in four (25%) say they are not well or not at all informed about transportation services or say they don't know.

**Informed About Community Transportation Services
(N=1,188)**

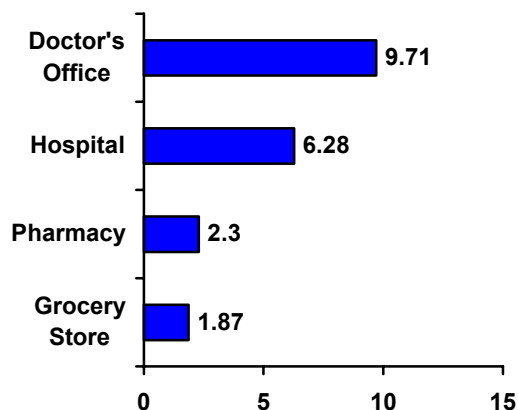


M. Distance From Necessary Goods and Services

Most Utah residents age 50 and older live two miles or more from four critical services.

Respondents were asked to estimate the distance from their home to four key services: grocery store, pharmacy, hospital, and their doctor's office. While distance to these services differed significantly, the mean distance provides an efficient estimator of distance. While their grocery store and pharmacy are within approximately two miles of their home, they must travel greater distances to get to a hospital or to their doctor.

**Mean Distance to Four Key Services
(N=1,188)**

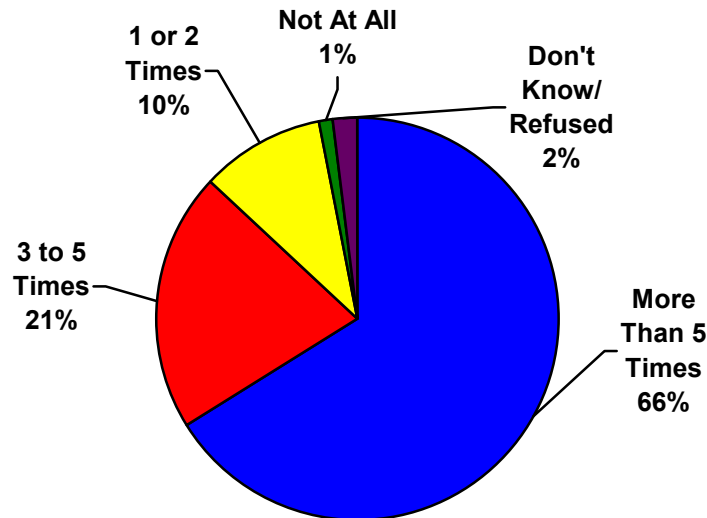


N. Outings During a Typical Week

Nearly all residents age 50 and older indicate they leave their home to go somewhere during the typical week.

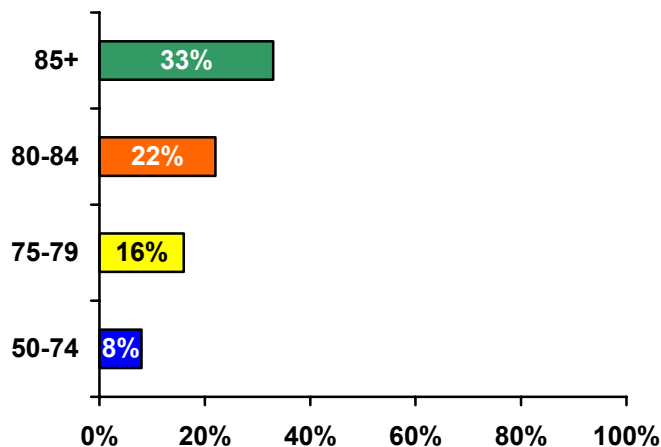
Nearly all residents age 50 and older report that during a typical week they leave their house or apartment to go somewhere. Only one percent indicates they do not leave their house at all during a typical week.

Outings in Typical Week (N=1,188)



Those residents age 85 and over are substantially less likely to go out during a typical week than those younger. A third of those residents age 85 and over report two or fewer outings in a typical week and four percent of residents age 85 and older says they do not go out at all during the typical week.

Two or Fewer Outings in a Typical Week By Age (N=1,188)

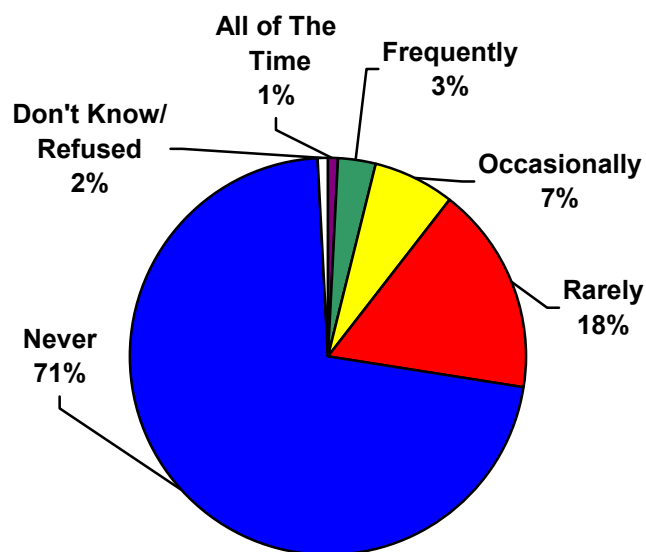


Similarly, non-drivers are more likely than drivers to report they go out less than three times in a typical week (non-drivers, 32% vs. drivers, 8%). Those with *poor* HDS are four times more likely to report leaving their house less than three times a week than those with *excellent* HDS (26% vs. 6%).

Utah respondents age 50 and over were asked how frequently they miss doing something they would like to do because of lack of transportation.

While the majority of respondents report they never or rarely miss doing something because of lack of transportation, slightly more than one in ten indicate they do miss something at least occasionally.

**Frequency of Missing Something
Due to Transportation Problems
(N=1,188)**



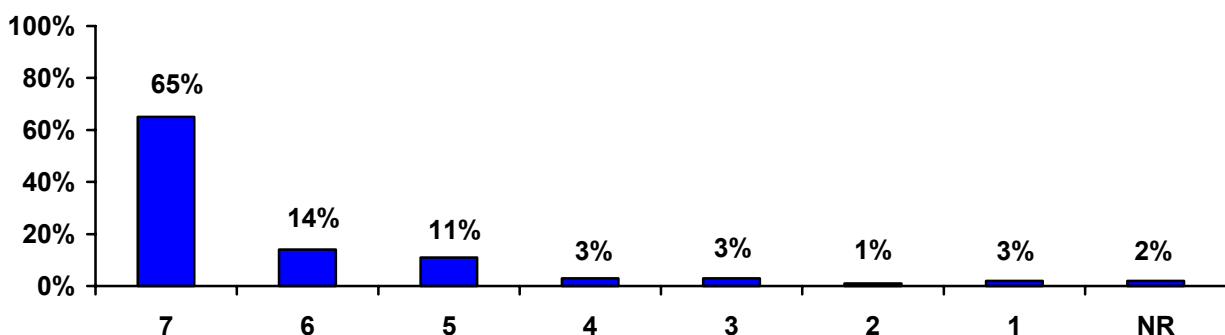
Six percent of those 85 and older say they miss something all of the time compared to one percent of those ages 50-74. Similarly, seven percent of non-drivers report they miss something all of the time compared to less than one percent of drivers.

O. Satisfaction with Community Transportation Services

Most Utah residents age 50 and older are satisfied with their ability to get around their community when they want or need to go someplace.

Using a seven-point Likert scale where “7” was completely satisfied and “1” was completely dissatisfied, residents age 50 and older were asked how satisfied they are with how they can get around their community when they want or need to go someplace. Most residents age 50 and older indicate they are satisfied with about two in three indicating they are extremely satisfied.

Satisfaction with Transportation (N=1,188)



Complete satisfaction, however, is dependent on age, health status, and driving status. Those who are older, with *poor* HDS, and who do not drive are substantially less satisfied than their counterparts. Driving and HDS status appear to have the greatest influence on overall satisfaction with residents' age 50 and older ability to get around their community. Those who live in rural areas appear to be as satisfied as those who reside in urban areas.

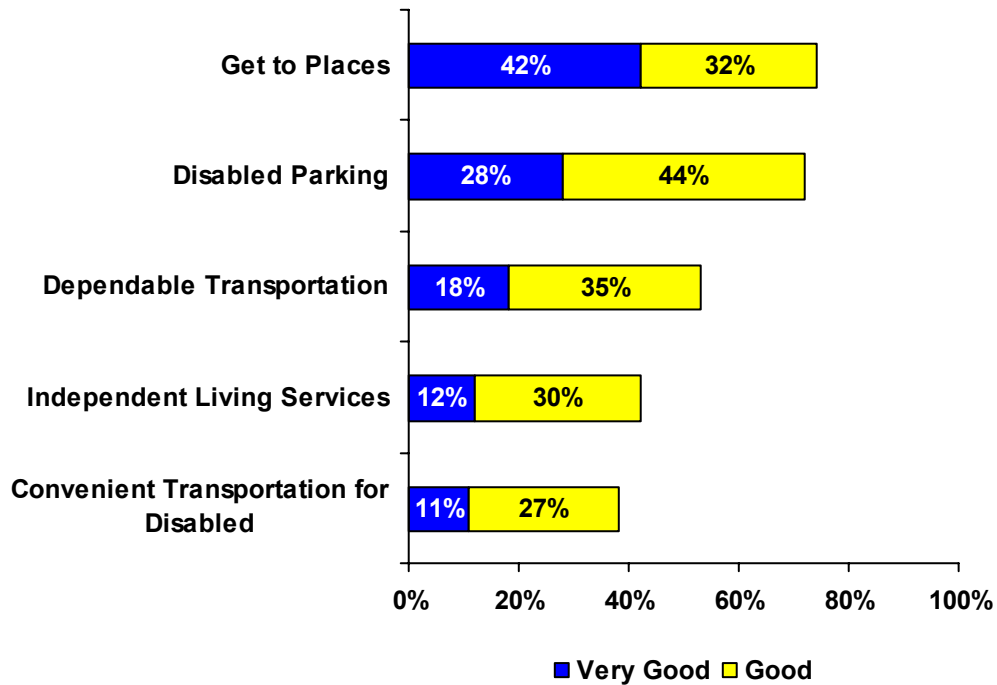
Completely Satisfied (7) With Ability To Get Around Their Community

Driver	Non-Driver	Age 50-74	Age 85+	<i>Excellent</i> HDS	<i>Poor</i> HDS	Urban	Rural
(n=1,065)	(n=124)	(n=947)	(n=54)	(n=235)	(n=179)	(n=994)	(n=193)
%	%	%	%	%	%	%	%
68	36	67	41	84	34	64	72

Most residents age 50 and older rate their community as at least good in being able to get to where they wish to go.

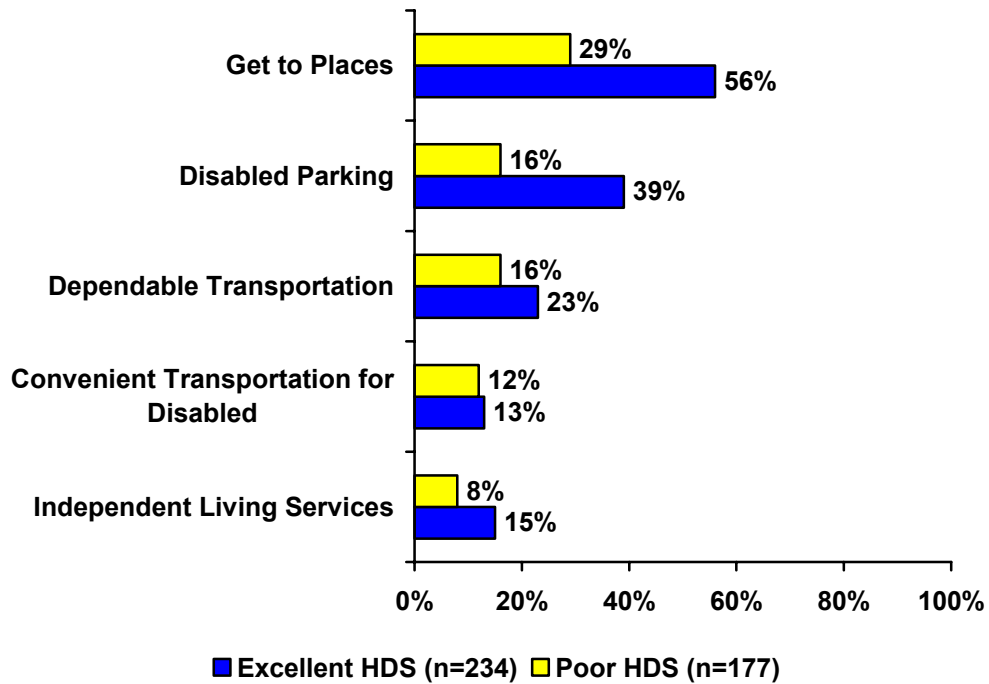
Residents age 50 and older were asked to rate their community on five dimensions. About three in four indicate their community is very good or good in terms of their *“being able to get to most of the places they wish to go”* and *“providing adequate parking for people with disabilities or health problems.”* More than half of respondents also say their community is at least very good in *“offering dependable public transportation.”* About four in ten rate their community as at least very good in *“providing a variety of transportation services to help them maintain their independence as they grow older”* and *“offering convenient transportation for people with disabilities or health problems.”*

Very Good and Good Ratings Of Communities on Six Dimensions (N=1,188)



Those residents age 50 and older with *poor* HDS are significantly less likely to rate their communities as very good on two of the five dimensions than those with *excellent* HDS: being able to get to most of the place you wish to go and providing adequate parking for people with disabilities or health problems.

Very Good Ratings Of Communities on Six Dimensions By *Excellent* and *Poor* HDS



Health status, however, does not influence respondents rating of the other three dimensions.

Non-drivers are also more likely than drivers to rate their community as very poor in providing adequate parking for persons with disabilities or health problems (7% vs. 1%).

Conclusion

Overall, Utah residents age 50 and older are very mobile. Most drive to where they need and want to go. Few use public transportation or other transportation programs regularly. The most significant problems reported in using public transportation are public transportation cannot take them to where they want to go and the time required to ride public transportation. Most indicate they are satisfied with their ability to get to where they want to go.

The majority of residents age 50 and older also rate their communities good or very good in their ability to get to where they need and want to go and having parking for the disabled or those with health problems. Between a third and one-half of respondents rate their community as good or very good in relationship to dependable transportation, convenient transportation services for the disabled, or having a variety of services to support independent living. Driving status, age, and health and disability status, however, are significant factors in overall satisfaction with their transportation options and their ratings of their communities.

Non-drivers tend to be older with *poor* HDS status. They report significantly more difficulties with getting to the places they need and want to go. Their overall satisfaction with their ability to get around their community is substantially lower than for drivers.

As age increases, HDS declines. Among those residents age 85 and over, more than one in three (36%) have a *poor* HDS rating. Very few residents age 50 and older with *poor* HDS report using modes of transportation other than driving; and a substantial percentage reports they have physical problems that interfere with their ability to use transportation systems other than a private car.

In summary, non-drivers are the least satisfied with their ability to get around their community, and they are the most isolated. As residents age they are more likely to have *poor* HDS which seems to impair their ability to drive to where they need and want to go.

**Utah Transportation Survey
Annotated Survey – 50+ State-wide
(N=1,188)**

1. How well informed would you say you are about transportation services available in your community?

<u>%</u>	
9	Extremely well informed
24	Very well informed
41	Fairly well informed
14	Not very well informed
7	Not at all informed
4	(DO NOT READ) Don't know
<.5	(DO NOT READ) Refused

**2. In general, when you need to get somewhere how do you usually get there?
(Probe: Is there any other way?)**

(DO NOT READ LIST) (ENTER ALL THAT APPLY)

<u>%</u>	
93	Drive
7	Get a ride with family or friends
4	Walk
<.5	Take a taxi
10	Take public transportation
1	Take a senior or community van
0	Take transportation provided to people with disabilities who cannot use or get to public transportation
2	Some other way
0	(DO NOT READ) Don't Know
0	(DO NOT READ) Refused

3. How many miles do you live from...(Note to interviewer: capture information to the closet mile; for less than a mile, indicate less than one mile)

a. The nearest hospital Mean = 6.28 Miles

<u>%</u>	
7	< 1 mile
48	1-4 miles
23	5-9 miles
13	10-19 miles
3	20-29 miles
2	30-49 miles
1	50+ miles
3	(DO NOT READ) Don't Know/Refused

b. Your doctors' office (allow for multiple responses since person may have multiple doctors) Note: The following percentages represent the average number of miles to their doctors. The average respondent has 1.2 doctors. Averaged mean miles = 9.71

<u>%</u>	
0	< 1 mile
41	1-4 miles
24	5-9 miles
16	10-19 miles
5	20-29 miles
2	30-49 miles
3	50+ miles
10	(DO NOT READ) No Doctors/ Don't Know/Refused

c. The nearest grocery store Mean = 1.87 Miles

<u>%</u>	
35	< 1 mile
57	1-4 miles
5	5-9 miles
2	10-19 miles
1	20-29 miles
<.5	30-49 miles
<.5	50+ miles
1	(DO NOT READ) Don't Know/Refused

d. The nearest pharmacy Mean = 2.30 Miles

<u>%</u>	
35	< 1 mile
52	1-4 miles
7	5-9 miles
4	10-19 miles
1	20-29 miles
<.5	30-49 miles
1	50+ miles
1	(DO NOT READ) Don't Know/Refused

4. Do you have any health problems or disabilities that prevent you from using any of the following modes of transportation? (Note to interviewer: Repeat full question as necessary.)

a. Walking

<u>%</u>	
16	Yes
83	No
<.5	(DO NOT READ) Don't Know
<.5	(DO NOT READ) Refused

b. Driving

<u>%</u>	
7	Yes
93	No
<.5	(DO NOT READ) Don't Know
<.5	(DO NOT READ) Refused

c. Riding public transportation

<u>%</u>	
5	Yes
93	No
2	(DO NOT READ) Don't Know
<.5	(DO NOT READ) Refused

d. Taking a taxi

<u>%</u>	
1	Yes
97	No
2	(DO NOT READ) Don't Know
<.5	(DO NOT READ) Refused

e. Riding a senior or community van

<u>%</u>	
2	Yes
96	No
2	(DO NOT READ) Don't Know
<.5	(DO NOT READ) Refused

f. Riding transportation for those with disabilities

<u>%</u>	
2	Yes
95	No
3	(DO NOT READ) Don't Know
1	(DO NOT READ) Refused

5. Does anyone in your household own a car or other motor vehicle?

<u>%</u>	
95	Yes
5	No
0	(DO NOT READ) Don't Know
0	(DO NOT READ) Refused

6. Does anyone in your household (including yourself) drive?

<u>%</u>	
95	Yes
5	No (SKIP TO Q.11)
0	(DO NOT READ) Don't Know (SKIP TO Q.11)
0	(DO NOT READ) Refused (SKIP TO Q.11)

- 7. Do you have a driver's license? (n=1,133 respondents who have someone in their household who drives)**

<u>%</u>	
93	Yes
3	No (SKIP TO Q.11)
0	(DO NOT READ) Don't Know (SKIP TO Q.11)
5	(DO NOT READ) Refused (SKIP TO Q.11)

- 8. Have you driven a car or other motor vehicle in the last month? (n=1,102 respondents who have a driver's license)**

<u>%</u>	
90	Yes
3	No (SKIP TO Q.11)
0	(DO NOT READ) Don't Know (SKIP TO Q.11)
7	(DO NOT READ) Refused (SKIP TO Q.11)

- 9. In a typical week, how often do you drive a car to get to where you want to go? (n=1,064 respondents who have someone in their household who drives and who have driven a car or motor vehicle in the last month.)**

<u>%</u>	
<.5	Never SKIP TO Q.11
7	Once or Twice
23	Three to Five
53	Six to 12
15	More than 12
2	(DO NOT READ) Don't Know (SKIP TO Q.11)
1	(DO NOT READ) Refused (SKIP TO Q.11)

- 10. I'm going to read you a list of some difficulties people have when driving. Thinking about your driving, please tell me whether each of these is a large problem, a small problem, or no problem at all for you. The first/next is...(n=1,027 respondents who have someone in their household who drives, who has a driver's license, who drives somewhere in a typical week)**

<u>%</u>	
3	Large problem
2	Small problem
1	No problem
D	(DO NOT READ) Don't Know
R	(DO NOT READ) Refused

(READ LIST) (ROTATE) (IF NECESSARY, REPEAT: IS THIS A LARGE PROBLEM, A SMALL PROBLEM, OR NO PROBLEM?)

a. The cost of operating a car

<u>%</u>	
10	Large problem
36	Small problem
54	No problem
1	(DO NOT READ) Don't Know
0	(DO NOT READ) Refused

b. Dealing with traffic congestion

<u>%</u>	
15	Large problem
34	Small problem
51	No problem
1	(DO NOT READ) Don't Know
0	(DO NOT READ) Refused

c. Being worried about getting lost

<u>%</u>	
1	Large problem
7	Small problem
92	No problem
<.5	(DO NOT READ) Don't Know
<.5	(DO NOT READ) Refused

d. Inconsiderate drivers

<u>%</u>	
19	Large problem
45	Small problem
35	No problem
1	(DO NOT READ) Don't Know
<.5	(DO NOT READ) Refused

e. Traffic moves too fast

<u>%</u>	
12	Large problem
22	Small problem
66	No problem
1	(DO NOT READ) Don't Know
0	(DO NOT READ) Refused

f. Being able to see signals, signs, and lane markings

<u>%</u>	
2	Large problem
13	Small problem
85	No problem
<.5	(DO NOT READ) Don't Know
<.5	(DO NOT READ) Refused

g. Poor road conditions

<u>%</u>	
6	Large problem
37	Small problem
56	No problem
<.5	(DO NOT READ) Don't Know
0	(DO NOT READ) Refused

h. Parking

<u>%</u>	
5	Large problem
20	Small problem
75	No problem
<.5	(DO NOT READ) Don't Know
<.5	(DO NOT READ) Refused

i. Crime

<u>%</u>	
13	Large problem
23	Small problem
62	No problem
2	(DO NOT READ) Don't Know
<.5	(DO NOT READ) Refused

j. Feeling confident about driving

<u>%</u>	
1	Large problem
9	Small problem
90	No problem
<.5	(DO NOT READ) Don't Know
0	(DO NOT READ) Refused

k. Driving at night

<u>%</u>	
8	Large problem
28	Small problem
63	No problem
1	(DO NOT READ) Don't Know
<.5	(DO NOT READ) Refused

11. In a typical week, how often does someone else drive you to where you need or want to go?

<u>%</u>	
57	Never SKIP TO Q.13
26	Once or Twice
10	Three to Five
4	Six to 10
<.5	More than 10
3	(DO NOT READ) Don't Know (SKIP TO Q.13)
1	(DO NOT READ) Refused (SKIP TO Q.13)

12. When you get a ride with someone else, who do you typically ride with? (n=478, respondents to get a ride with someone else during a typical week)

<u>%</u>	
56	Spouse
15	Son or daughter or in-laws
11	Child
7	Other relative
6	Neighbor
13	Friend
<.5	Member of my church
5	Some other person
1	(DO NOT READ) Don't Know
0	(DO NOT READ) Refused

- 13. To the best of your knowledge, is there public transportation such as buses or trains available in your community?**

<u>%</u>	
80	Yes
18	No (SKIP TO Q.17)
2	(DO NOT READ) Don't Know (SKIP TO Q.17)
0	(DO NOT READ) Refused (SKIP TO Q.17)

- 14. How close is the nearest public transportation stop from your home?...(Note to interviewer: Capture information to the closest mile; for less than a mile, indicate less than one mile) (n=948, respondents who state that public transportation is available in their community)**

<u>%</u>	
38	1 mile
18	2 miles
13	3 miles
19	More than 3 miles
6	There is no public transportation stop near my home (SKIP TO Q.17)
7	(DO NOT READ) Don't Know (SKIP TO Q.17)
<.5	(DO NOT READ) Refused (SKIP TO Q.17)

- 15. In the last two months, about how often have you used public transportation? By public transportation I mean public buses, trains, etc., but not taxicabs. (n=828, respondents who identified how far public transportation was from their home)**

<u>%</u>	
2	Every day
3	Two or more times a week
2	About once a week
5	Once or twice a month
4	Less than once a month
85	Never (SKIP TO Q.17)
<.5	DO NOT READ) Don't Know (SKIP TO Q.17)
0	DO NOT READ) Refused (SKIP TO Q.17)

16. Thinking about public transportation, please tell me weather you would consider each of the following items a large problem, a small problem, or no problem at all for you. The first/next is...(n=122, those respondents who report riding public transportation)

%

- 3 Large problem
- 2 Small problem
- 1 No problem
- D (DO NOT READ) Don't Know
- R (DO NOT READ) Refused

a. Accessibility (Getting to the stop or station – to far, no sidewalks, highways to cross)

%

- 9 Large problem
- 13 Small problem
- 78 No problem
- 0 (DO NOT READ) Don't Know
- 0 (DO NOT READ) Refused

b. Difficulty boarding

%

- 1 Large problem
- 15 Small problem
- 84 No problem
- 0 (DO NOT READ) Don't Know
- 0 (DO NOT READ) Refused

c. Being able to get a seat

%

- 0 Large problem
- 18 Small problem
- 82 No problem
- 0 (DO NOT READ) Don't Know
- 0 (DO NOT READ) Refused

d. Getting information about fares, routes, and schedules

<u>%</u>	
2	Large problem
16	Small problem
82	No problem
0	(DO NOT READ) Don't Know
0	(DO NOT READ) Refused

e. Being worried about crime

<u>%</u>	
8	Large problem
21	Small problem
70	No problem
1	(DO NOT READ) Don't Know
0	(DO NOT READ) Refused

f. The time it takes to use public transportation (schedules and the like)

<u>%</u>	
11	Large problem
33	Small problem
56	No problem
0	(DO NOT READ) Don't Know
0	(DO NOT READ) Refused

g. Public transportation stations and vehicles are poorly maintained

<u>%</u>	
6	Large problem
8	Small problem
83	No problem
3	(DO NOT READ) Don't Know
0	(DO NOT READ) Refused

h. Public transportation is too expensive

<u>%</u>	
4	Large problem
13	Small problem
82	No problem
1	(DO NOT READ) Don't Know
1	(DO NOT READ) Refused

i. Transfers between routes are difficult

<u>%</u>	
4	Large problem
18	Small problem
66	No problem
12	(DO NOT READ) Don't Know
0	(DO NOT READ) Refused

j. Public transportation doesn't go where I need to go

<u>%</u>	
17	Large problem
33	Small problem
49	No problem
1	(DO NOT READ) Don't Know
1	(DO NOT READ) Refused

17. In the last two months, about how often have you taken a taxicab?

<u>%</u>	
0	Every day
<.5	Two or more times a week
<.5	About once a week
1	Once or twice a month
1	Less than once a month
98	Never (SKIP TO Q.19)
<.5	(DO NOT READ) Taxicabs do not serve my community (SKIP TO Q.19)
0	(DO NOT READ) Don't Know (SKIP TO Q.17)
0	(DO NOT READ) Refused (SKIP TO Q.17)

18. Thinking about taking a cab, what types of problems have you encountered when using a taxicab? (n=21, respondents who report traveling in a taxicab)

(DO NOT READ LIST) (ENTER **ALL** THAT APPLY)

<u>%</u>	
0	It's hard to get a taxi
3	Taxis take too long to come after you call
0	Being worried about crime
0	Drivers are not helpful
2	Taxis are too expensive
4	Taxis are poorly maintained
0	Drivers are unfamiliar with the area
1	Difficulty communicating with drivers
0	Getting information about fares
0	Other
53	(DO NOT READ) None
0	(DO NOT READ) Don't Know
0	(DO NOT READ) Refused

19. In the last two months, about how often have you taken a senior or community van?)

<u>%</u>	
0	Every day
<.5	Two or more times a week
<.5	About once a week
1	Once or twice a month
1	Less than once a month
98	Never (SKIP TO Q.21)
<.5	(DO NOT READ) Taxicabs do not serve my community (SKIP TO Q.21)
<.5	(DO NOT READ) Don't Know (SKIP TO Q.21)
0	(DO NOT READ) Refused (SKIP TO Q.21)

20. Thinking about senior and community vans, what types of problems have you encountered when using a van? (n=23 respondents who indicate they have taken a senior or community van in the last two months)

(DO NOT READ LIST) (ENTER ALL THAT APPLY)

<u>%</u>	
3	Getting information about availability or eligibility
0	Making reservations is difficult
0	Vans are late for scheduled pick-ups
0	Fares are too high
0	Operators are not helpful
0	It's embarrassing to use special transportation
3	Having to schedule ahead is not convenient
0	The time it takes to use
12	Vehicles are poorly maintained
0	Not being eligible
0	There is no van in my community
72	None of these
4	(DO NOT READ) Don't Know
0	(DO NOT READ) Refused

21. In the last two months, about how often have you walked to where you wanted to go?)

<u>%</u>	
7	Every day
20	Two or more times a week
10	About once a week
14	Once or twice a month
4	Less than once a month
43	Never (SKIP TO Q.28)
1	(DO NOT READ) Don't Know (SKIP TO Q.28)
<.5	(DO NOT READ) Refused (SKIP TO Q.28)

- 22. Thinking about walking, please tell me whether you would consider each of the following items a large problem, a small problem, or no problem at all for you. The first/next is...(n=656 respondents who report they walk to get somewhere)**

<u>%</u>	
3	Large problem
2	Small problem
1	No problem
D	(DO NOT READ) Don't Know
R	(DO NOT READ) Refused

(READ LIST) (ROTATE) IF NECESSARY, REPEAT: IS THIS A LARGE PROBLEM, A SMALL PROBLEM, OR NO PROBLEM?)

- a. Walking is too hard (Volunteered: I can't walk anywhere or I'm not able to go far enough)**

<u>%</u>	
4	Large problem
15	Small problem
81	No problem
0	(DO NOT READ) Don't Know
0	(DO NOT READ) Refused

- b. Being worried about crime**

<u>%</u>	
7	Large problem
21	Small problem
72	No problem
<.5	(DO NOT READ) Don't Know
0	(DO NOT READ) Refused

- c. The time it takes to walk**

<u>%</u>	
7	Large problem
24	Small problem
69	No problem
1	(DO NOT READ) Don't Know
0	(DO NOT READ) Refused

d. No place to rest

<u>%</u>	
5	Large problem
15	Small problem
80	No problem
1	(DO NOT READ) Don't Know
0	(DO NOT READ) Refused

e. No sidewalks or sidewalks are in poor condition

<u>%</u>	
8	Large problem
27	Small problem
65	No problem
<.5	(DO NOT READ) Don't Know
0	(DO NOT READ) Refused

f. Crossing intersections is too dangerous

<u>%</u>	
8	Large problem
20	Small problem
72	No problem
<.5	(DO NOT READ) Don't Know
<.5	(DO NOT READ) Refused

g. Everything is too far away

<u>%</u>	
13	Large problem
22	Small problem
64	No problem
<.5	(DO NOT READ) Don't Know
0	(DO NOT READ) Refused

23. To the best of your knowledge, are there any transportation services in your community that drive people to medical appointments

<u>%</u>	
59	Yes
17	No (SKIP TO Q.28)
4	(DO NOT READ) Don't Know (SKIP TO Q.28)
<.5	(DO NOT READ) Refused (SKIP TO Q.28)

24. Have you ever used this service to take you to a medical appointment? (n=701 respondents who report medical transportation services are available in their community)

<u>%</u>	
3	Yes
97	No (SKIP TO Q.28)
0	(DO NOT READ) Don't Know (SKIP TO Q.28)
0	(DO NOT READ) Refused (SKIP TO Q.28)

25. In the last two months, how often have you used this service to take you to a medical appointment? (n=22 respondents who report having used a medical transportation service)

<u>%</u>	
0	Every day
2	Two or more times a week
0	About once a week
27	Once or twice a month
6	Less than once a month
64	Never (SKIP TO Q.28)
1	(DO NOT READ) Don't Know (SKIP TO Q.28)
0	(DO NOT READ) Refused (SKIP TO Q.28)

26. Have you ever experienced any problem(s) using this service? (n=8 respondents who have used medical transportation in the past two months)

<u>%</u>	
0	Yes
100	No (SKIP TO Q.28)
0	(DO NOT READ) Don't Know (SKIP TO Q.28)
0	(DO NOT READ) Refused (SKIP TO Q.28)

27. What problem(s) did you experience? (n=0)

- 28. On a scale from 1 to 7, where 1 means extremely dissatisfied and 7 means extremely satisfied, how would you rate your ability to get around your community when you need or want to go someplace?**

<u>%</u>		
65	7	Extremely Satisfied
14	6	
11	5	
3	4	
3	3	
1	2	
3	1	Extremely Dissatisfied
2	D	(DO NOT READ) Don't Know
<.5	R	(DO NOT READ) Refused

- 29. How often would you say you go out in a typical week?**

<u>%</u>	
1	Not at all
10	1 or 2 times
21	3 to 5 times
66	More than 5 times
2	(DO NOT READ) Don't Know
<.5	(DO NOT READ) Refused

- 30. In the last two months, about how often have you taken a senior or community van?**

<u>%</u>	
1	All of the time
3	Frequently
7	Occasionally
18	Rarely
71	Never
1	(DO NOT READ) Don't Know
1	(DO NOT READ) Refused

31. I am going to read you a list of descriptions about the quality of transportation services in your community. Please rate each statement as a very good description of your community or as a good, fair, poor, or very poor description of the quality of transportation services in your community.

a. Being able to get to most of the places you wish to go

<u>%</u>	
42	Very Good
32	Good
10	Fair
6	Poor
4	Very poor
6	(DO NOT READ) Don't Know
1	(DO NOT READ) Refused

b. Offering dependable public transportation

<u>%</u>	
18	Very Good
35	Good
15	Fair
12	Poor
7	Very poor
13	(DO NOT READ) Don't Know
<.5	(DO NOT READ) Refused

c. Offering convenient transportation for people with disabilities or health problems

<u>%</u>	
11	Very Good
27	Good
14	Fair
11	Poor
5	Very poor
33	(DO NOT READ) Don't Know
<.5	(DO NOT READ) Refused

d. Providing a variety of transportation services to help you maintain your independence as you grow older

<u>%</u>	
12	Very Good
30	Good
19	Fair
12	Poor
5	Very poor
22	(DO NOT READ) Don't Know
1	(DO NOT READ) Refused

e. Providing adequate parking for people with disabilities or health problems

<u>%</u>	
28	Very Good
44	Good
13	Fair
8	Poor
2	Very poor
6	(DO NOT READ) Don't Know
<.5	(DO NOT READ) Refused

The last few questions are just to help us classify our results. Your individual responses are anonymous and will be held in the strictest confidence.

32. How would you describe your current health? Would you describe it as excellent, very good, good, fair or poor?

<u>%</u>	
23	Excellent
31	Very Good
31	Good
12	Fair
3	Poor
0	(DO NOT READ) Don't Know
0	(DO NOT READ) Refused

33. I am going to read you a list of health difficulties. Can you tell me if you have any difficulty with them? (Note to interviewer: repeat full question as necessary)

a. Going out alone, for instance to shop or visit a doctor's office

<u>%</u>	
6	Yes
94	No
1	(DO NOT READ) Don't Know
<.5	(DO NOT READ) Refused

b. Dressing, bathing, or getting around inside your home

<u>%</u>	
3	Yes
97	No
<.5	(DO NOT READ) Don't Know
<.5	(DO NOT READ) Refused

c. Seeing the words or letters in an ordinary newspaper even when wearing glasses

<u>%</u>	
8	Yes
91	No
<.5	(DO NOT READ) Don't Know
<.5	(DO NOT READ) Refused

d. Hearing what is said in a normal conversation when using a hearing aid if one is used

<u>%</u>	
15	Yes
83	No
2	(DO NOT READ) Don't Know
1	(DO NOT READ) Refused

e. Lifting or carrying something as heavy as ten pounds, like a bag full of groceries

<u>%</u>	
13	Yes
87	No
<.5	(DO NOT READ) Don't Know
<.5	(DO NOT READ) Refused

f. Climbing a flight of stairs without resting

<u>%</u>	
15	Yes
84	No
1	(DO NOT READ) Don't Know
<.5	(DO NOT READ) Refused

g. Walking a quarter mile (That is about three city blocks)

<u>%</u>	
18	Yes
81	No
1	(DO NOT READ) Don't Know
<.5	(DO NOT READ) Refused

h. None of these

<u>%</u>	
50	Yes
50	No
0	(DO NOT READ) Don't Know
<.5	(DO NOT READ) Refused

34. Do you have any disability, handicap, or chronic disease that keeps you from participating fully in work, school, housework, or other activities?

<u>%</u>	
20	Yes
80	No (SKIP TO Q.36)
<.5	(DO NOT READ) Don't Know (SKIP TO Q.36)
<.5	(DO NOT READ) Refused (SKIP TO Q.36)

35. In general, how severe would you say these health difficulties or disabilities are? (n=239 respondents who report they have a physical problem that interferes with daily activities)

<u>%</u>	
3	Extremely severe
21	Very severe
61	Moderately severe
11	Not very severe
1	Not a all severe
3	(DO NOT READ) Don't Know
0	(DO NOT READ) Refused

36. Do you use any of the following aids to get around? (Note to interviewer: repeat full question as necessary)

a. A cane, crutch, or walker

<u>%</u>	
10	Yes
90	No
0	(DO NOT READ) Don't Know
<.5	(DO NOT READ) Refused

b. An electric scooter

<u>%</u>	
2	Yes
98	No
0	(DO NOT READ) Don't Know
<.5	(DO NOT READ) Refused

c. A wheel chair

<u>%</u>	
2	Yes
98	No
0	(DO NOT READ) Don't Know
<.5	(DO NOT READ) Refused

37. What is your current employment status? Are you?

<u>%</u>	
2	Self-employed, part-time
3	Self-employed, full-time
9	Employed, part-time
27	Employed, full-time
49	Retired, not working at all
9	Not in labor force for other reasons
1	Unemployed but looking for work
<.5	(DO NOT READ) Don't Know
<.5	(DO NOT READ) Refused

38. What is your highest grade of school you completed, is it?

<u>%</u>	
5	0-12 th grade (no diploma)
26	High school graduate (or equivalent)
22	Post-high school education (no degree)
10	2-year college degree
18	4-year college degree
4	Post-graduate study (no degree)
11	Graduate or professional degree (s)
1	Refused

39. What is your age as of your last birthday? (Record in years)

<u>%</u>	
80	50-74
9	75-79
7	80-84
5	85+
0	(DO NOT READ) Don't Know
<.5	(DO NOT READ) Refused

40. How many persons live in your household? Is there?

<u>%</u>	
21	1 person
51	2 people
15	3 people
7	4 people
5	5 or more people
0	(DO NOT READ) Don't Know
<.5	(DO NOT READ) Refused

41. What is your marital status? Are you?

<u>%</u>	
71	Married
1	Not married, living with partner
1	Separated
7	Divorced
16	Widowed
4	Never married
<.5	(DO NOT READ) Don't Know
<.5	(DO NOT READ) Refused

42. Are you of Hispanic, Spanish, or Latino origin or descent?

%	
3	Yes
96	No
0	(DO NOT READ) Don't Know
1	(DO NOT READ) Refused

43. What is your race?

<u>%</u>	
95	White or Caucasian
<.5	Black or African American
<.5	American Indian or Alaska Native
0	Asian
<.5	Native Hawaiian or other Pacific Islander
3	Other
0	(DO NOT READ) Don't Know
1	(DO NOT READ) Refused

44. What is your 5-digit? Zip Code? (WRITE IN YOUR ZIP CODE.)

D (DO NOT READ) Don't Know
R (DO NOT READ) Refused

45. What county do you live in?

COUNTY
 D (DO NOT READ) Don't Know
 R (DO NOT

46. What was your annual household income before taxes in 2005? Was it?

%	
4	Less than \$10,000
10	\$10,000 but less than \$20,000
16	\$20,000 but less than \$35,000
14	\$35,000 but less than \$50,000
9	\$50,000 but less than \$60,000
9	\$60,000 but less than \$75,000
14	\$75,000 or more
6	(DO NOT READ) Don't Know
17	(DO NOT READ) Refused

47. NOTE TO INTERVIEWER: Record the gender of the respondent

<u>%</u>	
48	Male
52	Female
0	(DO NOT READ) Refused

(THANK AND TERMINATE)

AARP
Knowledge Management
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