

Consent

Meeting the Travel Needs of Older New Jersey Residents Survey Consent

You are invited to participate in a research study being conducted by Rutgers University on behalf of the New Jersey Department of Transportation (NJDOT) on transportation mobility needs for older adults of New Jersey. The overall objective of this research is to find ways to enhance access to transportation options to improve the mobility and safety of older adults (people aged 55+) living in different parts of the state.

The objective of this survey is to examine how and for what purposes older adults, like yourself, living in different parts of New Jersey currently travel, what types of transportation services are available to you, under what circumstances your transportation mobility is hindered, what types of transportation programs and services you currently use, and what types of transportation you may want to use in the future. **The information collected from this survey will be used by the study team to develop recommendations for improving transportation for older adults in New Jersey.**

This survey should take you approximately 12 minutes to complete. Your participation in the survey is completely voluntary and there are no risks to participation. You may skip any questions you are not comfortable answering. If at any time you wish to stop participating, you are free to do so with no penalty to you. This research is confidential. Confidential means that the research records will include some information about you, such as your age, education, number of cars in household, etc. However, the research team and the Institutional Review Board at Rutgers University are the only parties that will be allowed to see the full set of data, except as may be required by law.

If a report of this study is published, or the results are presented at a professional conference, only group results will be stated. All study data will be kept for three years.

Please note that by completing the survey you can enter into a drawing for a chance to win one of two \$100 gift cards. To qualify for the drawing, you must complete the contact information section located at the end of the survey.

If you have any questions at any time about the research or the procedures described above, or if you need assistance in completing the survey, you may contact the study principal investigator Deva Deka, Tel: 848-932-2875, Email: ddeka@ejb.rutgers.edu. If you have any questions about your rights as a participant in this study, you may contact the Rutgers University Institutional Review Board for the Protection of Human Subjects Office of Research and Sponsored Programs at: 335 George Street Liberty Plaza/ 3rd Floor Suite 3200 New Brunswick, NJ 08901, Tel: 732-235-2866, Email: human-subjects@ored.rutgers.edu

Please check below if you consent and are ready to begin the survey:

- YES, I consent to take the survey
- NO, I do not consent to take the survey

Please confirm that you are 55 years of age or older **and** that you live in New Jersey:

- Yes, I confirm
- No

Where did you receive the link to this survey?

- From AARP
- From another source

Living and Moving

Living and Moving

Which of the following describes your residence best? (Please read all options and select the best one)

- I live in a general area for people of all ages
- I live in a development or building only for older adults (not government-subsidized)
- I live in a government-subsidized building only for older adults
- I live in a government-subsidized building for people of all ages
- I live in a group home for people with disabilities
- Other (Specify):

What is your current living arrangement? (Select one)

- Live alone
- Live with spouse or partner only
- Live with spouse or partner and children
- Live with children only
- Live with a relative that is not spouse, partner, or own child
- Live with un-related person or persons
- Other (Specify):

How long ago did you move to your current residence? (Select one)

- Less than 5 years
- 5 or more but and less than 10 years
- 10 or more but less than 15 years

- 15 or more but and less than 20 years
- 20 or more but less than 30 years
- 30 years or more

From where did you move to your current residence? (Select one)

- Another location within the same town
- Another town within New Jersey
- Another state within the U.S.
- Another country

Private Transportation: Walking and Car

Private Transportation: Walking and Car

How satisfied are you with the condition of sidewalks and crosswalks near your home, including wheelchair ramps? (Select one)

- There are no or very limited sidewalks or crosswalks near my home
- Very satisfied
- Satisfied
- Neither satisfied nor dissatisfied
- Dissatisfied
- Very dissatisfied

How capable are you to walk outside your home without help from another person or a mobility device? (Select one)

- I can walk for more than 30 minutes at a time

- I can walk for 15 to 30 minutes at a time
- I can walk for 10 to 15 minutes at a time
- I can walk 5 to 10 minutes at a time
- I cannot walk outside without help at all

Do you have a valid driver's license? (Select one)

- Yes
- No

Do you currently drive? (Select one)

- Yes
- No

Did you give up driving because of a disability or health condition? (Select one)

- Yes
- No

How will you most frequently travel when you stop driving for your own safety?
(Select **only THREE**)

- I will take rides from family members
- I will take rides from friends
- I will use transportation for people with disabilities
- I will use Uber and/or Lyft
- I will use public transit buses and/or rail
- I will use buses and vans provided by county or municipality
- I will use driverless vans or buses from transit agencies

- I will use driverless vans or buses from private companies
- I will walk
- I will use transportation provided by the housing development I live in or will live in
- I will travel in some other way (Specify how):

Do you have a disability or health condition that limits your driving? (Select one)

- No, I don't have such a condition
- Yes, my condition limits my driving, but I still drive

Do you use one or more of the following adaptive technologies in any of your household cars? (**Select all that apply**)

- Seat spinner (to help a person enter or exit a car)
- Handy bar (to help a person enter or exit a car)
- Blind spot button mirror (to have a better view of vehicles near you)
- Electronic blind spot detector (to be warned when you have a vehicle near you)
- Key gripper (to help with ignition or car door)
- Steering aids (to make steering easier)
- Steering wheel hand control (to control speed and/or braking by hand)
- Brake and/or gas pedal extenders (to make it easy to reach the pedals)
- Other adaptive technologies (Specify):
- None of the above

Approximately how much did you spend on the adaptive technologies you selected above? (Select one)

- Enter amount: \$
- I don't remember

Whether you currently drive or not, can you count on a person living with you, or a friend or family member living near you, who can give you a free ride when you need one? (Select one)

- No
- Yes, a person living with me
- Yes, a friend or family member living nearby
- Yes, a person living with me as well as a friend or family member nearby

Public Transportation

Public Transportation

Do you have a bus stop or train station within a 10-minute walk from your home? (Select one)

- Yes, a bus stop AND a train station
- Yes, ONLY a bus stop
- Yes, ONLY a train station
- No, NEITHER bus stop nor train station
- I don't know

Does your county or town provide transportation such as vans and buses for older adults? (Select one)

- Yes, BOTH county and town
- Yes, county ONLY

- Yes, town ONLY
- No
- I don't know

Is New Jersey Transit's *Access Link* transportation service for people with disabilities available where you live? (Select one)

- Yes
- No
- I don't know

Travel Patterns

Travel Patterns

During the COVID-19 pandemic (from March 15 of 2020 to the current time), how often did you use any form of public transportation, including New Jersey Transit's bus/rail, Access Link, or county/town provided transportation? (Select one)

- Not a single time
- 4 to 7 days a week
- 1 to 3 days a week
- 2 to 3 days a month
- About once a month
- Less than once a month

During the six months **before** the COVID-19 pandemic (from September 15 of 2019 to March 15 of 2020), how often did you use any form of public transportation,

including New Jersey Transit's bus/rail, Access Link, or county/town provided transportation? (Select one)

- Not a single time
- 4 to 7 days a week
- 1 to 3 days a week
- 2 to 3 days a month
- About once a month
- Less than once a month

During the six months **before** the COVID-19 pandemic (from September 15 of 2019 to March 15 of 2020), how often did you ride in a car as a passenger? (Select one)

- Not a single time
- 4 to 7 days a week
- 1 to 3 days a week
- 2 to 3 days a month
- About once a month
- Less than once a month

During the six months **before** the COVID-19 pandemic (from September 15 of 2019 to March 15 of 2020), how often did you drive a car? (Select one)

- Not a single time
- 4 to 7 days a week
- 1 to 3 days a week
- 2 to 3 days a month
- About once a month
- Less than once a month

During the six months **before** the COVID-19 pandemic (from September 15 of 2019 to March 15 of 2020), how often did you walk outside your home for more than 10 minutes? (Select one)

- Not a single time
- 4 to 7 days a week
- 1 to 3 days a week
- 2 to 3 days a month
- About once a month
- Less than once a month

During the six months **before** the COVID-19 pandemic (from September 15 of 2019 to March 15 of 2020), how often did you use Uber and/or Lyft? (Select one)

- Not a single time
- Almost daily or several times a week
- Several times a month
- About once a month
- Less than once a month

Transportation Gaps

Transportation Gaps

During the six months **before** the COVID-19 pandemic (from September 15 of 2019 to March 15 of 2020), were there occasions when lack of transportation prevented you from making a trip? (Select one)

- Yes
- No

Where did you want to go to on those occasions when you did not have transportation? **(Select all that apply)**

- I would have liked to go to the grocery store
- I would have liked to go for other shopping
- I would have liked to go for a medical/dental visit
- I would have liked to go to see friends or relatives
- I would have liked to go out to eat
- I would have liked to go to my bank, post office, etc.
- I would have liked to go to church, temple, etc.
- I would have liked to go to a senior center
- I would have liked to go to some other place (Specify that place):

Please indicate which of those trips you could have made if a public transit stop or station were within a 10-minute walk from your home **(Select all that apply)**

- I could have gone to the grocery store
- I could have gone for other shopping
- I could have gone for a medical/dental visit
- I could have gone to see friends or relatives
- I could have gone out to eat
- I could have gone to my bank, post office, etc.
- I could have gone to church, temple, etc.
- I could have gone to a senior center
- I could have gone to some other place (Specify that place):
- I could not have made any of those trips
- I don't know

Please indicate which of those trips you could have made if buses or vans for older adults picked you up from your home (**Select all that apply**)

- I could have gone to the grocery store
- I could have gone for other shopping
- I could have gone for a medical/dental visit
- I could have gone to see friends or relatives
- I could have gone out to eat
- I could have gone to my bank, post office, etc.
- I could have gone to church, temple, etc.
- I could have gone to a senior center
- I could have gone to some other place (Specify that place):
- I could not have made any of those trips
- I don't know

Recommendations

Recommendations

Please recommend from the following list **the most important transportation improvements** that would allow you to travel more frequently and safely: (**Select all that apply**)

****Please note that when we say driverless/automated vehicle below, we are referring to a new vehicle design being experimented with that will drive and navigate on their own without a human driver and give rides to passengers for a fare.***

- Subsidized Uber and Lyft for older adults
- Safer traffic conditions for drivers

- Transit bus stops closer to home
- Volunteer driver program to give rides to older adults
- Subsidized taxi for older adults
- Free or more affordable transit fare for buses and trains
- More convenient booking for accessible vans/buses
- More and safer sidewalks for pedestrians/walkers and wheelchairs
- More public transport for older adults and/or people with disabilities
- Public driverless/automated buses or vans giving door-to-door service*
- Private driverless/automated buses or vans giving door-to-door service*
- More reserved parking spaces at rail stations for older adults
- Other (Specify):

Technology Use

Technology Use

Please indicate what type of technologies you use for personal or household purposes (**Select all that apply**)

- Internet
- Text messaging on cellphone
- Desktop computer
- Laptop computer or tablet
- E-reader for reading books like Nook or Kindle
- Smartphone (with internet access)
- Cellphone (without internet access)
- Video conferencing by Zoom, Facetime, Facebook, Skype, Duo, or similar technology
- Landline phone

None of the above

Please indicate if you use any of the following practices: **(Select all that apply)**

- Telecommute for work (sometimes or always)
- Online purchase from local grocery and/or drug stores
- Online purchase of other goods from Amazon, Walmart, Overstock, eBay, etc.
- Online order for food take-out or delivery from restaurants
- Online purchase of transit passes or tickets
- Online banking
- Online classes for education
- Online subscription to Netflix or other video streaming services
- None of the above

In your opinion, how common will driverless or automated cars be in the next 10 years in New Jersey? (Select one)

****Please note that when we say driverless/automated vehicle, we are referring to a new vehicle design being experimented with that will drive and navigate on their own without a human driver.***

- More than 50% cars will be driverless
- 25% to 50% cars will be driverless
- 10% to 25% cars will be driverless
- 5% to 10% cars will be driverless
- 1% to 5% cars will be driverless
- 0% cars will be driverless

If they become available and you can afford one, would you be willing to own and travel by a driverless car? (Select one)

- Yes
- No
- Maybe

How likely would you be to use a shared driverless car, bus, or van service if provided by a private company that will give you door-to-door service for a fare? (Select one)

- Very likely
- Somewhat likely
- Not sure
- Somewhat unlikely
- Very unlikely

How likely would you be to use a shared driverless car, bus, or van service if provided by a public transportation agency that will give you door-to-door service for a fare? (Select one)

- Very likely
- Somewhat likely
- Not sure
- Somewhat unlikely
- Very unlikely

Safety Concerns

Safety Concerns

Based on your experience making trips by all forms of transportation, which of the following do you consider most unsafe for you? (Select **only THREE**)

- Driving a car
- Taking a ride from a volunteer driver
- Walking to public transit station or stop
- Being on a transit bus or train
- Walking for leisure or exercise
- Walking to go to stores or run errands
- Being on a county/town bus
- Waiting at transit station or stop
- Bicycling
- Riding a taxi
- Riding Uber or Lyft
- Being in a parking lot

Demographic Questions

Demographic Questions

What is your age? (Select one)

- 55-59
- 60-64
- 65-69
- 70-74
- 75-79

- 80-84
- 85 or over

How do you identify yourself as? (Select one)

- Male
- Female
- Another gender identity

What is the highest level of education you received? (Select one)

- Did not complete high school
- Completed high school but did not go to college
- Went to college but did not get a bachelor's degree
- Obtained a bachelor's degree
- Obtained a post-graduate or professional degree

What describes you best? (Select one)

- Hispanic white
- Non-Hispanic white
- Hispanic black
- Non-Hispanic black
- Asian
- Mixed or other race

Do you have any disability that limits or prevents you from traveling alone? (Select one)

- I do not have such a disability
- My disability prevents me from driving
- My disability prevents me from taking public transit bus or train
- My disability prevents me from driving AND taking public transit

What is your approximate annual household income at this time from all sources?
(Select one)

- Less than \$25,000
- \$25,000-\$49,999
- \$50,000-\$74,999
- \$75,000-\$99,999
- \$100,000-\$149,999
- \$150,000-\$199,999
- \$200,000 or more

Including yourself, how many people live in your household (including all children and adults)? (Select one)

- One (you alone)
- Two
- Three
- Four
- Five
- Six
- Seven or more

How many cars do you have in your household? (Select one)

- None
- One
- Two
- Three
- Four or more

How many licensed drivers are in your household? (Select one)

- None
- One
- Two
- Three
- Four or more

The town you live in is:

The postal code of the area you live in is:

As we all continue to live with COVID-19, please tell us how you have adjusted your travel in a typical week because of the pandemic. For example, are you making fewer trips to the grocery store, doctor appointment, etc.? Are you driving more or less? Have you stopped or limited your use of public or community transit? Please explain:



Thank you for completing the survey. To enter the drawing to **WIN ONE OF TWO \$100 GIFT CARDS**, please provide your contact information:

Name:

Phone:

Email:

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