

Please submit the completed survey by one of these two methods:

1) By email to Iowa.Motion@iowadot.us

2) By mail to the following address:

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Systems Planning Bureau
Iowa Department of Transportation
800 Lincoln Way
Ames, Iowa 50010

Surveys need to be emailed or mailed no later than Tuesday, June 8, 2021 to be included in the official survey results.



Iowa Long-Range Transportation Plan Survey

Welcome

The Iowa Transportation Commission and Iowa Department of Transportation have been working on the update of the long-range transportation plan for Iowa. The plan provides a framework for how future investments should be made to Iowa's multimodal transportation system. A key part of the plan update is collecting public input. This survey will ask about your travel habits and how they've been impacted by the COVID-19 pandemic, your opinion of Iowa's transportation system, and your thoughts on the future of transportation.

Please tell us what you think. The survey should only take about 15 minutes to complete. We appreciate your valuable input!



Iowa Long-Range Transportation Plan Survey

Transportation Questions

These questions will ask about your travel habits and how they've been impacted by the COVID-19 pandemic, your opinion of Iowa's transportation system, and your thoughts on the future of transportation.

After this page, we'll ask you a few optional demographic questions to finish out the survey.

* 1. What is your 5-digit home zip code?

(Note: this is the only question on the survey that requires an answer.)

2. Prior to the COVID-19 pandemic, how often did you use each of the following modes of transportation?

	Most days of the week	One to three days a week	A few times a month	A few times a year	Less than that	Never
Ride a bicycle	☐	☐	☐	☐	☐	☐
Walk	☐	☐	☐	☐	☐	☐
Use public transit (bus)	☐	☐	☐	☐	☐	☐
Use an intercity bus (Burlington Trailways, Jefferson Lines, etc.)	☐	☐	☐	☐	☐	☐
Fly	☐	☐	☐	☐	☐	☐
Use Amtrak	☐	☐	☐	☐	☐	☐
Drive a vehicle	☐	☐	☐	☐	☐	☐
Passenger in vehicle (such as riding with family or carpooling)	☐	☐	☐	☐	☐	☐
Use a taxi service	☐	☐	☐	☐	☐	☐
Use a transportation network company (Uber, Lyft, etc.)	☐	☐	☐	☐	☐	☐

3. During the COVID-19 pandemic, how often have you used each of the following modes of transportation?

	Most days of the week	One to three days a week	A few times a month	A few times a year	Less than that	Never
Ride a bicycle	☐	☐	☐	☐	☐	☐
Walk	☐	☐	☐	☐	☐	☐
Use public transit (bus)	☐	☐	☐	☐	☐	☐
Use an intercity bus (Burlington Trailways, Jefferson Lines, etc.)	☐	☐	☐	☐	☐	☐
Fly	☐	☐	☐	☐	☐	☐
Use Amtrak	☐	☐	☐	☐	☐	☐
Drive a vehicle	☐	☐	☐	☐	☐	☐
Passenger in vehicle (such as riding with family or carpooling)	☐	☐	☐	☐	☐	☐
Use a taxi service	☐	☐	☐	☐	☐	☐
Use a transportation network company (Uber, Lyft, etc.)	☐	☐	☐	☐	☐	☐

4. How do you think your travel habits **one year after the COVID-19 pandemic ends** will compare to your travel habits **before** the pandemic?

	I will do this less often	About the same	I will do this more often
Ride a bicycle	☐	☐	☐
Walk	☐	☐	☐
Use public transit (bus)	☐	☐	☐
Use an intercity bus (Burlington Trailways, Jefferson Lines, etc.)	☐	☐	☐
Fly	☐	☐	☐
Use Amtrak	☐	☐	☐
Drive a vehicle	☐	☐	☐
Passenger in vehicle (such as riding with family or carpooling)	☐	☐	☐
Use a taxi service	☐	☐	☐
Use a transportation network company (Uber, Lyft, etc.)	☐	☐	☐

5. Excluding food ordered from restaurants, how often do you typically have purchases from online shopping delivered to your home?

	Most days of the week	One to three days a week	A few times a month	A few times a year	Less than that	Never
Prior to the COVID-19 pandemic	☐	☐	☐	☐	☐	☐
During the COVID-19 pandemic	☐	☐	☐	☐	☐	☐

6. Excluding food ordered from restaurants, how do you think your online shopping habits **one year after the COVID-19 pandemic ends** will compare to your habits **before** the pandemic?

- ☐ I will order less items online for delivery to my home
- ☐ About the same
- ☐ I will order more items online for delivery to my home

7. If you were working or attending school **before** the COVID-19 pandemic, how often were you doing so in-person and from home?

	5 or more days per week	3-4 days per week	1-2 days per week	This doesn't apply to me
Working at a location besides home	☐	☐	☐	☐
Working from home	☐	☐	☐	☐
Attending school in-person	☐	☐	☐	☐
Attending school from home	☐	☐	☐	☐

8. If you were working or attending school **during** the COVID-19 pandemic, how often were you doing so in-person and from home?

	5 or more days per week	3-4 days per week	1-2 days per week	This doesn't apply to me
Working at a location besides home	☐	☐	☐	☐
Working from home	☐	☐	☐	☐
Attending school in-person	☐	☐	☐	☐
Attending school from home	☐	☐	☐	☐

9. For each mode or type of infrastructure you use or are interested in using, generally how safe do you feel using it?

	Very safe	Safe	Neither safe nor unsafe	Unsafe	Very unsafe	Not interested in using this mode/infrastructure
Airports	☐	☐	☐	☐	☐	☐
Amtrak	☐	☐	☐	☐	☐	☐
Bicycle facilities	☐	☐	☐	☐	☐	☐
Intercity bus (Burlington Trailways, Jefferson Lines, etc.)	☐	☐	☐	☐	☐	☐
Park and ride lots	☐	☐	☐	☐	☐	☐
Pedestrian facilities	☐	☐	☐	☐	☐	☐
Public transit (bus)	☐	☐	☐	☐	☐	☐
Roadways	☐	☐	☐	☐	☐	☐
Taxi service	☐	☐	☐	☐	☐	☐
Transportation network company (Uber, Lyft, etc.)	☐	☐	☐	☐	☐	☐

10. For each mode or type of infrastructure you use or are interested in using, generally what condition do you think it is in?

	Very good condition	Good condition	Fair condition	Poor condition	Very poor condition	Not interested in using this mode/infrastructure
Airports	☐	☐	☐	☐	☐	☐
Amtrak	☐	☐	☐	☐	☐	☐
Bicycle facilities	☐	☐	☐	☐	☐	☐
Intercity bus (Burlington Trailways, Jefferson Lines, etc.)	☐	☐	☐	☐	☐	☐
Park and ride lots	☐	☐	☐	☐	☐	☐
Pedestrian facilities	☐	☐	☐	☐	☐	☐
Public transit (bus)	☐	☐	☐	☐	☐	☐
Roadways	☐	☐	☐	☐	☐	☐
Taxi service	☐	☐	☐	☐	☐	☐
Transportation network company (Uber, Lyft, etc.)	☐	☐	☐	☐	☐	☐

11. For each mode or type of infrastructure you use or are interested in using, generally how easy is it for you to access?

	Very easy to access	Easy to access	Neither easy nor difficult to access	Difficult to access	Very difficult to access	Not interested in using this mode/infrastructure
Airports	☐	☐	☐	☐	☐	☐
Amtrak	☐	☐	☐	☐	☐	☐
Bicycle facilities	☐	☐	☐	☐	☐	☐
Intercity bus (Burlington Trailways, Jefferson Lines, etc.)	☐	☐	☐	☐	☐	☐
Park and ride lots	☐	☐	☐	☐	☐	☐
Pedestrian facilities	☐	☐	☐	☐	☐	☐
Public transit (bus)	☐	☐	☐	☐	☐	☐
Roadways	☐	☐	☐	☐	☐	☐
Taxi service	☐	☐	☐	☐	☐	☐
Transportation network company (Uber, Lyft, etc.)	☐	☐	☐	☐	☐	☐

12. For each mode or type of infrastructure you use or are interested in using, generally what level of delay do you expect when using it?

	No delay	A little delay	A moderate amount of delay	A lot of delay	A great deal of delay	Not interested in using this mode/infrastructure
Airports	☐	☐	☐	☐	☐	☐
Amtrak	☐	☐	☐	☐	☐	☐
Bicycle facilities	☐	☐	☐	☐	☐	☐
Intercity bus (Burlington Trailways, Jefferson Lines, etc.)	☐	☐	☐	☐	☐	☐
Park and ride lots	☐	☐	☐	☐	☐	☐
Pedestrian facilities	☐	☐	☐	☐	☐	☐
Public transit (bus)	☐	☐	☐	☐	☐	☐
Roadways	☐	☐	☐	☐	☐	☐
Taxi service	☐	☐	☐	☐	☐	☐
Transportation network company (Uber, Lyft, etc.)	☐	☐	☐	☐	☐	☐

13. If the price of fuel increased substantially, at what point would you start exploring alternative modes of transportation instead of driving?

- ☐ \$3.00 per gallon
- ☐ \$4.00 per gallon
- ☐ \$5.00 per gallon
- ☐ \$6.00 per gallon
- ☐ More than \$6.00 per gallon
- ☐ I already use alternative modes of transportation
- ☐ It does not matter how expensive fuel becomes, I do not plan to seek alternative modes of transportation

14. Do you own or are you interesting in purchasing an electric vehicle?

- ☐ Yes, I own or lease a hybrid electric vehicle (rechargeable battery in conjunction with internal combustion engine)
- ☐ Yes, I own or lease a fully electric vehicle (only electrical drivetrain components)
- ☐ No, but I am interested in purchasing a hybrid electric vehicle in the next ten years
- ☐ No, but I am interested in purchasing a fully electric vehicle in the next ten years
- ☐ No, and I am not interested in purchasing a hybrid or fully electric vehicle in the next ten years

15. Which of these micromobility and shared mobility options are you already using or interested in using?
Select all that apply.

- ☐ Personal electric scooter
- ☐ Personal electric bike
- ☐ Rentable electric scooter
- ☐ Rentable electric bike
- ☐ Carshare
- ☐ I am not interested in any of these

16. If you are interested in any of the micromobility options from question 15, how would you utilize them? Select all that apply.

(Note: first-mile/last-mile means that you make most of the trip by another mode, but use a micromobility option on either end of the trip, such as using an electric scooter to get from a bus stop to your destination.)

- ☐ First-mile/last-mile for trips that I make by car
- ☐ First-mile/last-mile for trips that I make by public transit
- ☐ Replacement for entirety of trip I would have made by car
- ☐ Replacement for entirety of trip I would have made by public transit
- ☐ Replacement for entirety of trip I would have made by walking
- ☐ For recreation
- ☐ I'm not interested in micromobility options

17. Highly automated vehicles are being developed, and driver assistance systems are available in vehicles now. Improved safety is a major potential benefit of these vehicles, along with other potential effects. If you are a driver, which of these driver assistance systems do you have available in your vehicle or have an interest in having in your vehicle someday? Select all that apply.

- ☐ Parking assistance, to perform parallel parking maneuvers
- ☐ Blindspot warning, to alert the driver when objects are in its blindspots
- ☐ Emergency braking, to sense and avoid imminent collisions
- ☐ Adaptive cruise control, to automatically adjust vehicle speed based on vehicles ahead
- ☐ Lane departure warning, to warn the driver when the vehicle is leaving its lane
- ☐ Automation that enables the driver to give control to the vehicle in some or most corridors, with the driver able to retake control when necessary
- ☐ Automation that enables the vehicle to operate without a driver in control at any time during the trip

18. If you have a vehicle that has any of the driver assistance systems mentioned in question 17 available in it already, do you utilize them?

- ☐ Yes, I use most or all of them
- ☐ I use some of them and disable some of them
- ☐ No, I disable most or all of them
- ☐ This is not applicable to me

Please add any additional comments related to how you use driver assistance systems.

19. Do you think highly automated vehicles (in which the vehicle is in full control for a portion or all of the driving task) will account for the majority of the cars on the road someday? If so, when do you think this will occur?

- ☐ By the year 2030
- ☐ By the year 2040
- ☐ By the year 2050
- ☐ After the year 2050
- ☐ Will not occur

20. Do these freight-related issues impact you and your daily life?

	Major issue	Somewhat of an issue	Minor issue	Not really an issue	Unsure
Truck traffic in your neighborhood	☐	☐	☐	☐	☐
Noise from truck traffic	☐	☐	☐	☐	☐
Trucks blocking streets	☐	☐	☐	☐	☐
Passing or being passed by trucks on highways	☐	☐	☐	☐	☐
Amount of truck traffic on highways	☐	☐	☐	☐	☐
Mix of truck traffic and passenger vehicles	☐	☐	☐	☐	☐
Delays at railroad crossings	☐	☐	☐	☐	☐
Noise from railroads	☐	☐	☐	☐	☐

21. How satisfied are you with how your community's roadways accommodate freight movement?

- ☐ Very satisfied
- ☐ Satisfied
- ☐ Neither satisfied nor dissatisfied
- ☐ Dissatisfied
- ☐ Very dissatisfied
- ☐ No opinion

22. Based on how you feel the state transportation system operates today, what is your level of satisfaction with Iowa DOT's efforts in the following areas?

Note: for the first eight choices (through "pedestrian accommodations along state highways"), please answer for how you feel regarding the State-owned highway network, which consists of Interstates, U.S. routes, and Iowa routes.

	Very satisfied	Satisfied	Neither satisfied nor dissatisfied	Dissatisfied	Very dissatisfied	No opinion
Maintenance, such as patching and resurfacing	☐	☐	☐	☐	☐	☐
Safety improvements	☐	☐	☐	☐	☐	☐
Traffic flow improvements	☐	☐	☐	☐	☐	☐
Operations, such as snow plowing	☐	☐	☐	☐	☐	☐
Improving travel time reliability on busy roadways	☐	☐	☐	☐	☐	☐
Repairing or replacing bridges	☐	☐	☐	☐	☐	☐
Bicycle accommodations on/along state highways	☐	☐	☐	☐	☐	☐
Pedestrian accommodations along state highways	☐	☐	☐	☐	☐	☐
Supporting public transit	☐	☐	☐	☐	☐	☐
Supporting commuter or rideshare options	☐	☐	☐	☐	☐	☐
Supporting passenger rail service	☐	☐	☐	☐	☐	☐
Supporting airports	☐	☐	☐	☐	☐	☐
Supporting freight mobility across roadways, railways, waterways, and airports	☐	☐	☐	☐	☐	☐

23. To gauge the relative importance of various investment types, if you could divide \$100 among these eight categories, how would you do so? You can allocate as many or as few dollars as you want to each category, but the total must equal 100.

Note: for the first five choices (through "add pedestrian accommodations along state highways"), please answer based on those investments being for the State-owned highway network, which consists of Interstates, U.S. routes, and Iowa routes.

Improve condition of existing state highways

Use technology to improve highway operations

Build additional lanes or highways

Add bicycle accommodations on/along state highways

Add pedestrian accommodations along state highways

Support public transit service

Support passenger rail service

Support airports

24. What is the Iowa DOT doing now that it should continue or enhance?

25. What is the Iowa DOT doing now that it should discontinue?

26. What does the Iowa DOT need to start doing that it is not doing already?



Iowa Long-Range Transportation Plan Survey

Demographic Questions

All questions on this page are optional, but we appreciate you filling them out to help us understand the characteristics of our survey respondents. This page completes the survey. Please be sure to click the "submit" button at the bottom when you are finished.

Thank you for your time and input!

27. How many of each of the following does your household have?

	0	1	2	3	4	5	6 or more	Prefer not to say
People	☐	☐	☐	☐	☐	☐	☐	☐
Licensed drivers	☐	☐	☐	☐	☐	☐	☐	☐
Operable vehicles	☐	☐	☐	☐	☐	☐	☐	☐

28. What is your age?

- ☐ 24 or under
- ☐ 25-34
- ☐ 35-44
- ☐ 45-54
- ☐ 55-64
- ☐ 65-74
- ☐ 75-84
- ☐ 85 or over
- ☐ Prefer not to say

29. What is your sex?

- ☐ Female
- ☐ Male
- ☐ Prefer not to say

30. What is your approximate annual household income?

- ☐ Less than \$10,000
- ☐ \$10,000 - \$14,999
- ☐ \$15,000 - \$24,999
- ☐ \$25,000 - \$34,999
- ☐ \$35,000 - \$49,999
- ☐ \$50,000 - \$74,999
- ☐ \$75,000 - \$99,999
- ☐ \$100,000 - \$149,000
- ☐ \$150,000 - \$200,000
- ☐ \$200,000 or more
- ☐ Prefer not to say

31. Are you of Hispanic, Latino, or Spanish ethnicity?

- ☐ Yes
- ☐ No
- ☐ Prefer not to say

32. What is your race?

- ☐ American Indian or Alaska Native
- ☐ Asian
- ☐ Black or African American
- ☐ Native Hawaiian or other Pacific Islander
- ☐ White
- ☐ Another race
- ☐ Two or more races
- ☐ Prefer not to say

33. Please rate your language proficiency below.

	Speak very well	Speak less than very well	Do not speak at all	Prefer not to say
English	☐	☐	☐	☐
Spanish	☐	☐	☐	☐
Other language(s)	☐	☐	☐	☐

If you speak other languages very well or less than very well, please list them here.

34. Do any of the following types of disabilities apply to you or a member of your household? Select all that apply.

For reference, the U.S. Census Bureau defines types of disabilities as:

- Hearing difficulty: deaf or having serious difficulty hearing
- Vision difficulty: blind or having serious difficulty seeing, even when wearing glasses
- Cognitive difficulty: because of a physical, mental, or emotional problem, having difficulty remembering, concentrating, or making decisions
- Ambulatory difficulty: having serious difficulty walking or climbing stairs
- Self-care difficulty: having difficulty bathing or dressing
- Independent living difficulty: because of a physical, mental, or emotional problem, having difficulty doing errands alone such as visiting a doctor's office or shopping

- ☐ Hearing difficulty
- ☐ Vision difficulty
- ☐ Cognitive difficulty
- ☐ Ambulatory difficulty
- ☐ Self-care difficulty
- ☐ Independence living difficulty
- ☐ None of these apply to me or members of my household
- ☐ Prefer not to say