

Solano Transportation Resiliency Plan Survey

Welcome to the Solano Transportation Resilience Plan Survey!

Solano County's transportation system is increasingly impacted by severe weather events such as storms, wildfires, sea level rise, and heat waves threatening key routes and infrastructure. In response, local jurisdictions have initiated adaptation and resiliency plans. The Solano Transportation Authority (STA), in partnership with all seven cities in the county and unincorporated areas, is developing the Solano Transportation Resiliency Plan to ensure our transportation network can withstand current and future extreme weather events.

This survey helps us understand your experiences with weather impacts on transportation and identify resilience priorities. Your feedback will play a crucial role in shaping plans to improve transportation infrastructure to ensure it meets future demands. Together, we can build a more sustainable and resilient transportation system for Solano County.

The survey will take about 10 minutes to complete. Thank you for sharing your insights!

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1. How concerned are you that extreme weather events will affect your ability to travel within or out of Solano County?

- ☐ Very concerned
- ☐ Somewhat concerned
- ☐ Not concerned
- ☐ Not sure

2. Which, if any, of the following extreme weather events are you concerned will affect how you get around in Solano County? (Select all that apply)

- ☐ Severe storms (flooding, landslides, etc.)
- ☐ Wildfires
- ☐ Heat waves
- ☐ Coastal flooding/sea level rise
- ☐ Air quality (e.g., smoke from wildfires)
- ☐ Other (please specify)

- ☐ None of the above

3. Which, if any, aspects of living in Solano County are you concerned will be negatively affected by extreme weather events? (Select all that apply)

- ☐ Air quality
- ☐ Water quality
- ☐ Access to parks and open spaces
- ☐ Access to goods and services
- ☐ Housing
- ☐ Other (please specify)

- ☐ None of the above

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4. Have you experienced disruptions or delays when using public transit (BART, Capitol Corridor, City Coach, Delta Breeze, FAST, ferry, Read-Ride, SolanoExpress, SolTrans, etc.) due to severe weather or natural disasters in the past year?

- ☐ Yes, frequently
- ☐ Yes, occasionally
- ☐ No, never
- ☐ I do not use public transit

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5. What climate hazards have you experienced? (Select all that apply)

- ☐ Severe storms (flooding, landslides, etc.)
- ☐ Wildfires
- ☐ Heat waves
- ☐ Coastal flooding/sea level rise
- ☐ Air quality (e.g., smoke from wildfires)
- ☐ Other (please specify)

- ☐ None of the above

6. How did this affect you?

- ☐ Travel detour
- ☐ Travel delay
- ☐ Travel cancellation
- ☐ Other (please specify)

- ☐ None of the above

7. If you'd like, please describe in more detail how the experience affected you (e.g. if you missed work, had to take a detour, etc.)

8. Please share any additional details on how climate hazards have affected you (optional):

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9. Please rank the following climate adaptation measures in the order you would prioritize to make transportation systems more resilient in Solano County, 1 being most important to 9 being least important. Toggle the option from the left or click the arrows on the right to rank items.

- Improving flood protection
- Increasing wildfire preparedness (e.g., creating fire breaks, resilient evacuation routes)
- Upgrading transportation infrastructure to withstand damage from severe weather such as storms and extreme heat
- Improving emergency evacuation routes
- Providing alternative transportation services in the event of emergencies or cancellations
- Expanding green infrastructure (e.g., tree canopies, permeable pavements)
- Adapting biking and walking routes to climate changes (heat, flood, etc.)
- Providing better communication during climate-related disruptions
- Protecting and improving natural habitats

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10. In your opinion, what are the most significant challenges in making Solano County's transportation system more resilient to extreme weather events? (Optional)

11. Do you have any suggestions to make Solano County's transportation system more resilient to extreme weather events? (Optional)

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12. What community do you live in?

- ☐ Benicia
- ☐ Dixon
- ☐ Fairfield
- ☐ Vallejo
- ☐ Vacaville
- ☐ Rio Vista
- ☐ Suisun City
- ☐ Travis AFB
- ☐ Unincorporated Solano County
- ☐ Other (please specify)

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13. In what area of Unincorporated Solano County do you live?

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14. Which of the following modes of transportation do you use? (Check all that apply)

- ☐ BART
- ☐ Bike
- ☐ Bus
- ☐ Carpool/Vanpool
- ☐ Drive Alone
- ☐ Ferry
- ☐ Taxi/Uber/Lyft
- ☐ Capitol Corridor
- ☐ Walk
- ☐ Other (please specify)

15. Please share your email if you would like to receive future project updates (optional):

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The following demographic questions are optional:

16. Which group from the following represents your age?

- ☐ Under 18
- ☐ 18-24
- ☐ 25-34
- ☐ 35-44
- ☐ 45-54
- ☐ 55-64
- ☐ 65+
- ☐ Prefer not to answer

17. What gender do you identify as?

- ☐ Woman
- ☐ Man
- ☐ Transgender
- ☐ Nonbinary
- ☐ Prefer not to answer
- ☐ I self-identify as:

18. What best describes your race or ethnicity?

- ☐ American Indian or Alaska Native
- ☐ Asian or Asian American
- ☐ Black or African American
- ☐ Hispanic or Latino
- ☐ Middle Eastern or North African
- ☐ Native Hawaiian or other Pacific Islander
- ☐ White or Caucasian
- ☐ I prefer not to say
- ☐ Other (please specify)

19. What is your annual income?

- ☐ Less than \$35,000
- ☐ \$35,000 to \$74,999
- ☐ \$75,000 to \$99,999
- ☐ \$100,000 to \$124,999
- ☐ \$125,000 to \$149,999
- ☐ \$150,000 or more
- ☐ I prefer not to say