What did our recent survey tell us about climate resilience in the Duwamish Valley?

Summary of survey results

In fall of 2022, the Duwamish Valley Youth Corps, the Duwamish Valley Community Coalition, the University of Washington, the Public Health Reserve Corps, and the City of Seattle went door to door, surveying community members in South Park and Georgetown to assess and build climate resilience strategies tailored to their local conditions and needs. Data collected and lessons learned from the project will drive future equity-centered approaches to disaster needs assessment; resilience planning; and climate mitigation and adaptation strategies.





Members of the Duwamish Valley Youth Corps and other volunteers surveyed 167 households over 3 days.

Top Issues of concern

What are the top three issues of concern to your houshold? **Environmental impacts** Crime Cost of living Housing affordability Racial and ethnic inequality Healthcare access Civil unrest Food security COVID-19 **Duwamish Superfund Site** PERCENT OF HOUSEHOLDS

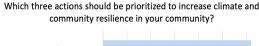
Across all respondents, the top 3 issues of concern were environmental impacts, crime, and cost of living.

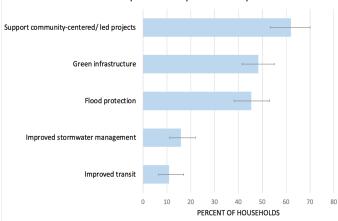
Other concerns

Environmental impacts respondents were most concerned about were air pollution, extreme heat, and wildfires, followed by flooding.*

What should we prioritize?

Respondents prioritized support for community-led projects, green infrastructure, and flood protection to prepare for climate change.





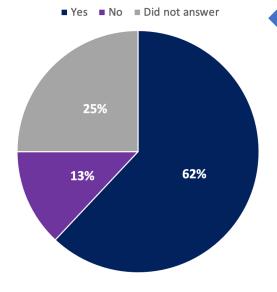
^{*} Surveys were conducted in Oct and Nov of 2022, prior to the flood event in South Park on Dec 27.

Climate resilience survey results, continued

Demographic data

We surveyed 167 households in the Duwamish Valley. The table to the right describes the percent of households we surveyed with at least one member from each of the racial and ethnic groups.

Would you or any member of your household use a Resilience Hub during an emergency?



Next steps

| Racial/ ethnic composition of household (household has at least one member that identifies as the race/ ethnicity) | South Park | Georgetown |
|--|------------|------------|
| American Indian/ Alaska Native | 2% | 1% |
| Asian | 11% | 16% |
| Black or African American | 6% | 3% |
| Hispanic/Latino/Latinx | 23% | 15% |
| Native Hawaiian or Other Pacific Islander | 3% | 1% |
| White | 62% | 81% |
| Mixed | 13% | 10% |

^{*} Neighborhood-level data does not have level of certainty of combined survey results nor does it add up to 100% because all members of a household were included rather than individuals

Resilience Planning

Most people surveyed (62%) were interested in using a Resilience Hub (community facility that provides aid during emergencies) and nearly half (47%) were interested in helping design the city's plan for climate resilience.

This survey was one of the first steps in planning for the Duwamish Valley Resilience District. Some **next steps** will be to hold listening sessions to learn about community priorities for action; to draft a final report; and to share findings with Seattle and other cities working to build resilience to climate change.

Learn more at our website: https://bit.ly/3KowiCJ















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