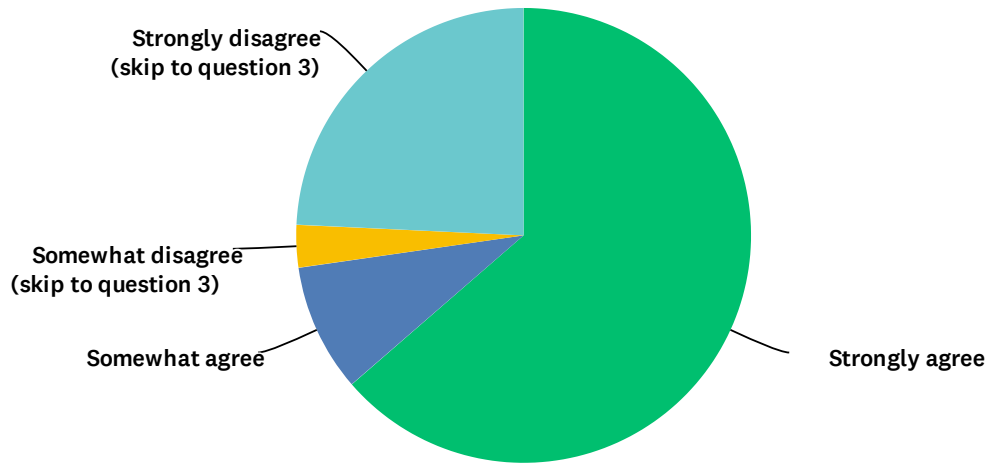


Q1 How much do you agree or disagree with the following statement? I have personally experienced the effects of climate change. (check one)

Answered: 33 Skipped: 0



ANSWER CHOICES	RESPONSES	
Strongly agree	63.64%	21
Somewhat agree	9.09%	3
Somewhat disagree (skip to question 3)	3.03%	1
Strongly disagree (skip to question 3)	24.24%	8
TOTAL		33

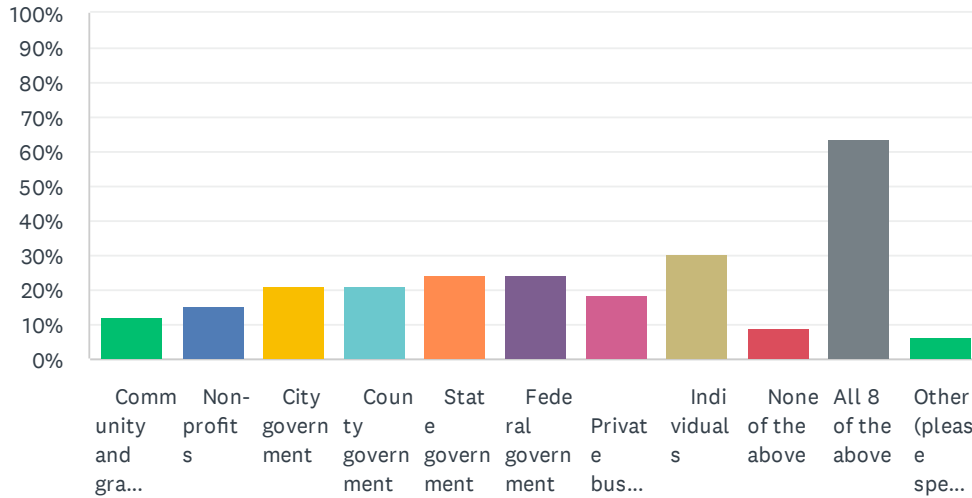
Q2 If you checked agree, please give an example.

Answered: 23 Skipped: 10

#	RESPONSES	DATE
1	Housed family that were evacuated from their home due to wildfire	6/29/2022 4:26 PM
2	Wildfires	6/25/2022 8:57 PM
3	June 2021 extreme heat wave	6/14/2022 9:51 AM
4	Increased wildfires	6/9/2022 8:08 AM
5	Extreme heat, wildfires	6/5/2022 7:46 AM
6	Hot summer 2021. Forest fires in my outdoors places.	6/4/2022 7:59 PM
7	115 degrees in Oregon last summer	6/4/2022 6:22 PM
8	Wildfire	6/4/2022 8:05 AM
9	Having to prepare to evacuate due to wildfire threat, having heat wave last summer fry my plants in just one day that took them almost a year to recover...just to name a few.	6/3/2022 6:38 PM
10	Extreme weather	6/3/2022 6:35 AM
11	Intense rain and then Intense heat within 6 months.	6/3/2022 6:27 AM
12	warmer than normal temperatures	5/30/2022 9:53 PM
13	The wild fires that burned near our relatives home in Lincoln City.	5/29/2022 5:06 PM
14	Flowers and their pollinators are out of sync in my garden.	5/27/2022 3:27 PM
15	Wildfires	5/27/2022 12:35 PM
16	heatwave, increased fire season	5/27/2022 11:00 AM
17	My wife and I are climate immigrants having moved from Colorado in 2016 to an area of the country that is less prone to the impacts of a changing climate. Still we experienced extreme weather events that were the result of a changing climate, specifically the extreme heat wave and the ice storm of 2021.	5/25/2022 9:50 AM
18	Wildfire, Heat Waves	5/23/2022 2:38 PM
19	Heat waves last year, 2020 fires, 2021 ice storms	5/23/2022 2:25 PM
20	I moved to oregon as a result of the fires raging in california over the past decade. These fires are a result of unusually dry and hot conditions, attributed to climate change.	5/21/2022 8:06 PM
21	I have experienced extremely smoky and hot summers in the PNW the last few years.	5/17/2022 9:25 AM
22	Wild fires	5/10/2022 7:32 PM
23	Wildfires	5/10/2022 7:29 PM

Q3 Who do you think should be responsible for addressing climate change? (check all that apply)

Answered: 33 Skipped: 0



ANSWER CHOICES	RESPONSES
Community and grassroots organizations	12.12% 4
Non-profits	15.15% 5
City government	21.21% 7
County government	21.21% 7
State government	24.24% 8
Federal government	24.24% 8
Private businesses	18.18% 6
Individuals	30.30% 10
None of the above	9.09% 3
All 8 of the above	63.64% 21
Other (please specify)	6.06% 2
Total Respondents: 33	

#	OTHER (PLEASE SPECIFY)	DATE
1	NOT GOVERNMENT!!!	6/23/2022 4:32 PM
2	United Nations	6/4/2022 6:22 PM

Q4 Why do you think this?

Answered: 30 Skipped: 3

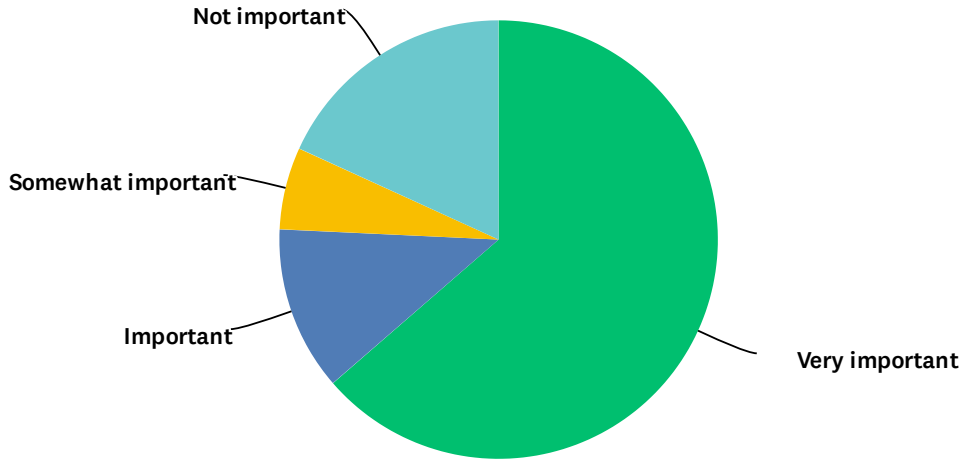
#	RESPONSES	DATE
1	All 8 categories are needed to coordinate change	6/29/2022 4:26 PM
2	What ever the county plans to to do, it will have ZERO impact other than make it more costly to live here.	6/23/2022 4:32 PM
3	Can't control mother nature. Earth warms and cools at the core causing "climate change"	6/22/2022 6:07 PM
4	We are already seeing impacts and we need changes everywhere.	6/14/2022 9:51 AM
5	Because its an everyone problem and all contribute	6/9/2022 8:08 AM
6	It will take all of us working together to secure a safe future where everyone and everything thrives	6/5/2022 7:46 AM
7	We are all living on this small planet.	6/4/2022 7:59 PM
8	We're all in this together.	6/4/2022 6:22 PM
9	Everyone is responsible for addressing climate change since everyone is a contributor and so of course, this must be addressed also on a global level as well since actions in another country impact countries and nature outside of that country.	6/3/2022 6:38 PM
10	We all impact the climate	6/3/2022 6:35 AM
11	Without individuals and every level of govt agencies and both for profit and not for profit biz	6/3/2022 6:27 AM
12	The government is becoming ever more controlling. Increased taxes on everything and anything, increased regulations, poorly managing taxpayer dollars (homeless problem clear evidence of this), introduction of tolls...all too much which is why many residents are moving out of state, unenrolling children in local public schools, etc.	6/2/2022 10:48 PM
13	Everyone who lives in our community is responsible for what we put in the air, what is harmful or toxic and how residents and businesses practice daily habits impacts our kids	6/1/2022 8:34 PM
14	Climate Change is WAY over hyped.	6/1/2022 3:40 PM
15	Climate change affects all of us (privately, professionally)	5/30/2022 9:53 PM
16	It will take participation from all levels of our community from individuals to county government for the project's success.	5/29/2022 5:06 PM
17	Climate change is a system-wide problem.	5/27/2022 3:27 PM
18	We all impact and are impacted by climate change. Big problem = big + little changes	5/27/2022 12:35 PM
19	We're all in this together	5/27/2022 11:00 AM
20	Given the range and severity of the impacts and the scope of the solutions required, everyone has responsibilities for some aspect of climate change action. This is the position taken in COP22 in Marrakech where it was recognized that progress was not going to be achieved by a few single government entities, but rather by the multiple voluntary efforts, initiatives and coalitions, organizations taking multiple actions to reduce carbon emissions at the rates necessary to achieve net zero by 2050. These actions are now being tracked. See Global Climate Action Portal: https://climateaction.unfccc.int/	5/25/2022 9:50 AM
21	We already have federal and state emission standards. Quit using County resources on the fantasy of being carbon neutral. The climate will always be changing. Plus, India and China are the worst carbon emitters on the planet. It really doesn't matter what we do, if China and India do nothing. This is just virtue signaling. Knock it off!	5/24/2022 9:04 AM
22	Not one dollar of tax money should be spent addressing climate change. Only through	5/23/2022 4:59 PM

Planning for Climate Change in Clackamas County

	individual action can anything get done.	
23	It will take everyone's efforts	5/23/2022 2:38 PM
24	It's going to take all of us working together to ensure the safety and well-being of our communities to tackle the climate crisis. We also need to be fully committed to making a just transition to renewable energy and move away from fossil fuels as quickly as possible.	5/23/2022 2:25 PM
25	private individuals and companies will find optimal solutions to climate change. Government imposed solutions will only distort the economic impact.	5/23/2022 1:59 PM
26	This problem demands all manner of individual and organized efforts to change course. We need to do this together.	5/21/2022 8:06 PM
27	Individuals are the ultimate consumer.	5/17/2022 5:39 PM
28	We all contribute to the problem, and our contributions to solving the problem should be based on how much we contribute(d).	5/17/2022 9:25 AM
29	They have the funding	5/10/2022 7:32 PM
30	This will require personal, private business and government action.	5/10/2022 7:29 PM

Q5 How important is the issue of climate change to you personally? (check one)

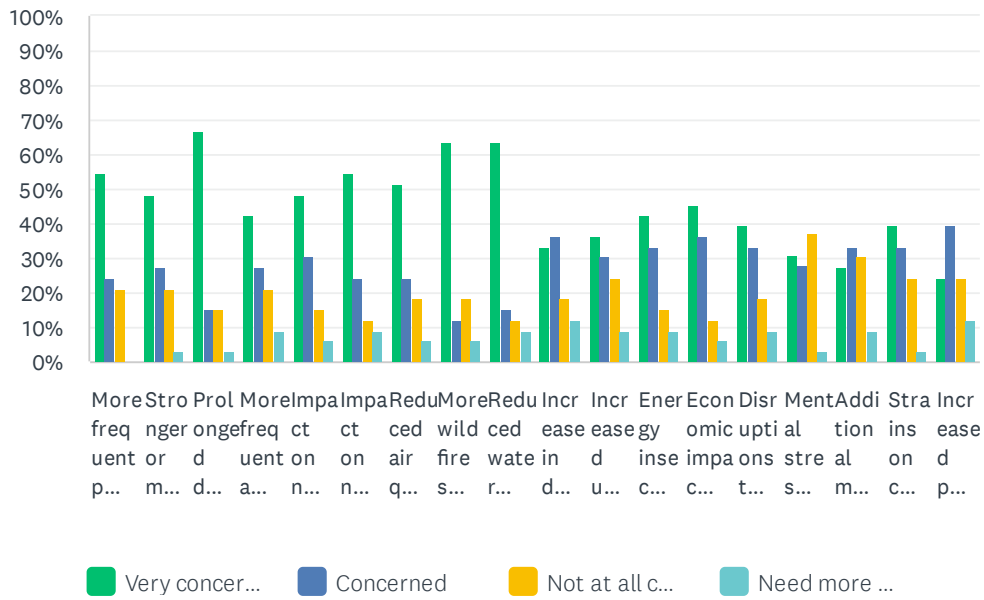
Answered: 33 Skipped: 0



ANSWER CHOICES	RESPONSES	
Very important	63.64%	21
Important	12.12%	4
Somewhat important	6.06%	2
Not important	18.18%	6
TOTAL		33

Q6 How much do the following impacts of climate change concern you?

Answered: 33 Skipped: 0



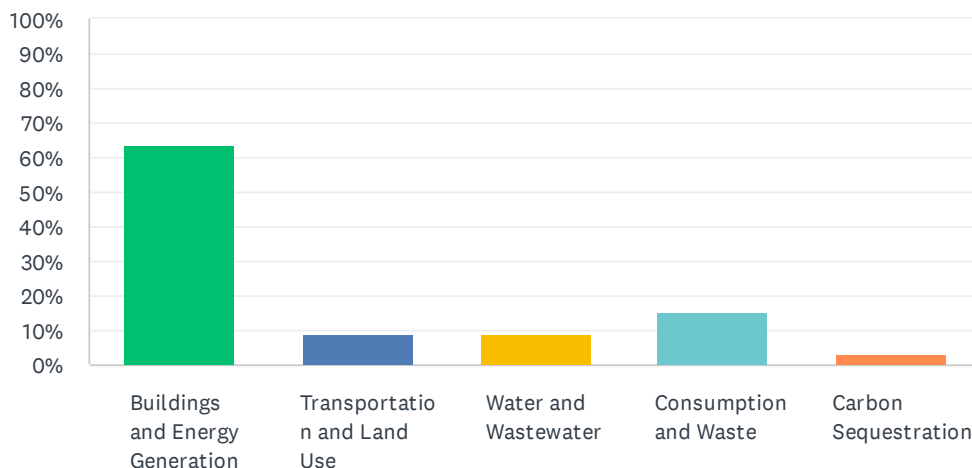
Planning for Climate Change in Clackamas County

	VERY CONCERNED	CONCERNED	NOT AT ALL CONCERNED	NEED MORE INFORMATION	TOTAL
More frequent periods of extreme cold and intense heat	54.55% 18	24.24% 8	21.21% 7	0.00% 0	33
Stronger or more frequent storms (snow, rain, ice, wind)	48.48% 16	27.27% 9	21.21% 7	3.03% 1	33
Prolonged drought and water shortages	66.67% 22	15.15% 5	15.15% 5	3.03% 1	33
More frequent and severe floods	42.42% 14	27.27% 9	21.21% 7	9.09% 3	33
Impact on native trees and other vegetation	48.48% 16	30.30% 10	15.15% 5	6.06% 2	33
Impact on native wildlife, including salmon and other fish, and animals that pollinate crops (bees, birds and bats)	54.55% 18	24.24% 8	12.12% 4	9.09% 3	33
Reduced air quality and increased asthma	51.52% 17	24.24% 8	18.18% 6	6.06% 2	33
More wildfires and smoke	63.64% 21	12.12% 4	18.18% 6	6.06% 2	33
Reduced water quality	63.64% 21	15.15% 5	12.12% 4	9.09% 3	33
Increase in diseases transmitted by mosquitoes, ticks and fleas	33.33% 11	36.36% 12	18.18% 6	12.12% 4	33
Increased urban flooding, such as excessive runoff where the water doesn't have anywhere to go	36.36% 12	30.30% 10	24.24% 8	9.09% 3	33
Energy insecurity, e.g., reduced reliable, predictable access to electricity and natural gas	42.42% 14	33.33% 11	15.15% 5	9.09% 3	33
Economic impacts on agriculture	45.45% 15	36.36% 12	12.12% 4	6.06% 2	33
Disruptions to production and distribution of products that reduce access to food and other goods	39.39% 13	33.33% 11	18.18% 6	9.09% 3	33
Mental stress, such as anxiety about future extreme weather or grief about past extreme weather	31.25% 10	28.13% 9	37.50% 12	3.13% 1	32
Additional mental and physical impacts on youth	27.27% 9	33.33% 11	30.30% 10	9.09% 3	33
Strains on community relationships because of scarcity and other stresses	39.39% 13	33.33% 11	24.24% 8	3.03% 1	33
Increased population growth, such as greater numbers of people moving here to escape harsher climates	24.24% 8	39.39% 13	24.24% 8	12.12% 4	33

#	OTHER (PLEASE SPECIFY)	DATE
1	Starvation due to lowered food production	6/14/2022 9:55 AM
2	Deaths from extreme heat	6/4/2022 6:24 PM
3	I study and teach an on-line graduate engineering course that covers climate change and its impact on civil infrastructure.	5/25/2022 9:52 AM
4	Many of these issues are due to government policies, not climate change, e.g. scarcity, food distribution & production, reduced fossil fuel production, poor forestry management, etc.	5/24/2022 9:11 AM

Q7 There are questions for each category. Please check the box next to the category you would like to explore first. (When you complete the questions, you will have the option to complete questions in other categories or proceed straight to the end of the survey.)

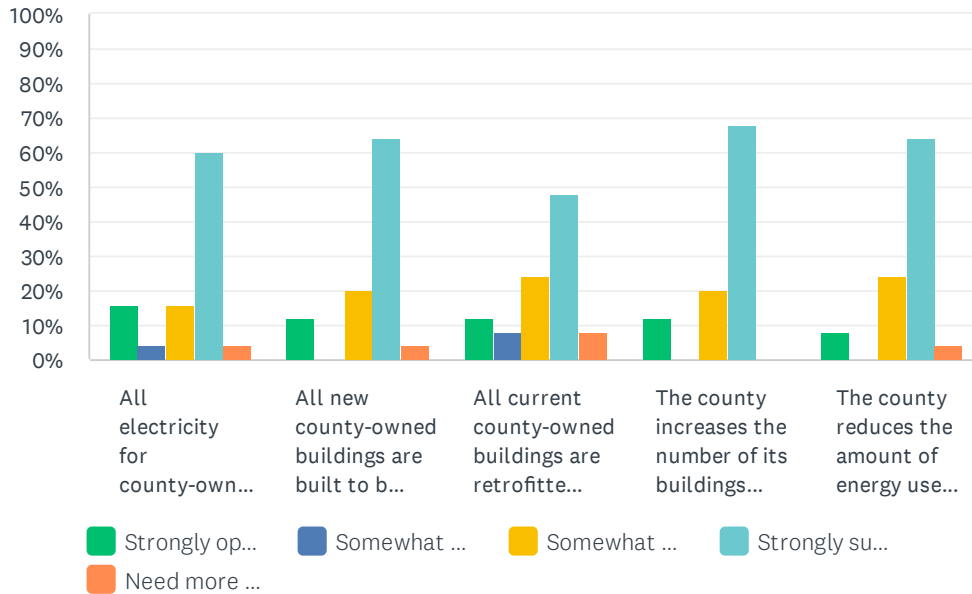
Answered: 33 Skipped: 0



ANSWER CHOICES	RESPONSES	
Buildings and Energy Generation	63.64%	21
Transportation and Land Use	9.09%	3
Water and Wastewater	9.09%	3
Consumption and Waste	15.15%	5
Carbon Sequestration	3.03%	1
TOTAL		33

Q8 County Operations: Please rate your degree of support for each of the following possible future actions related to how the county operates its own facilities and programs.

Answered: 25 Skipped: 8



	STRONGLY OPPOSE	SOMEWHAT OPPOSE	SOMEWHAT SUPPORT	STRONGLY SUPPORT	NEED MORE INFORMATION	TOTAL	WEIGHTED AVERAGE
All electricity for county-owned buildings comes from zero-carbon energy sources (e.g., wind, solar, water)	16.00% 4	4.00% 1	16.00% 4	60.00% 15	4.00% 1	25	3.32
All new county-owned buildings are built to be carbon-neutral (meaning the design and operations do not emit greenhouse gases)	12.00% 3	0.00% 0	20.00% 5	64.00% 16	4.00% 1	25	3.48
All current county-owned buildings are retrofitted to be carbon-neutral in coming years	12.00% 3	8.00% 2	24.00% 6	48.00% 12	8.00% 2	25	3.32
The county increases the number of its buildings that have solar panels	12.00% 3	0.00% 0	20.00% 5	68.00% 17	0.00% 0	25	3.44
The county reduces the amount of energy used for heating, cooling, equipment, lighting and appliances in its buildings	8.00% 2	0.00% 0	24.00% 6	64.00% 16	4.00% 1	25	3.56

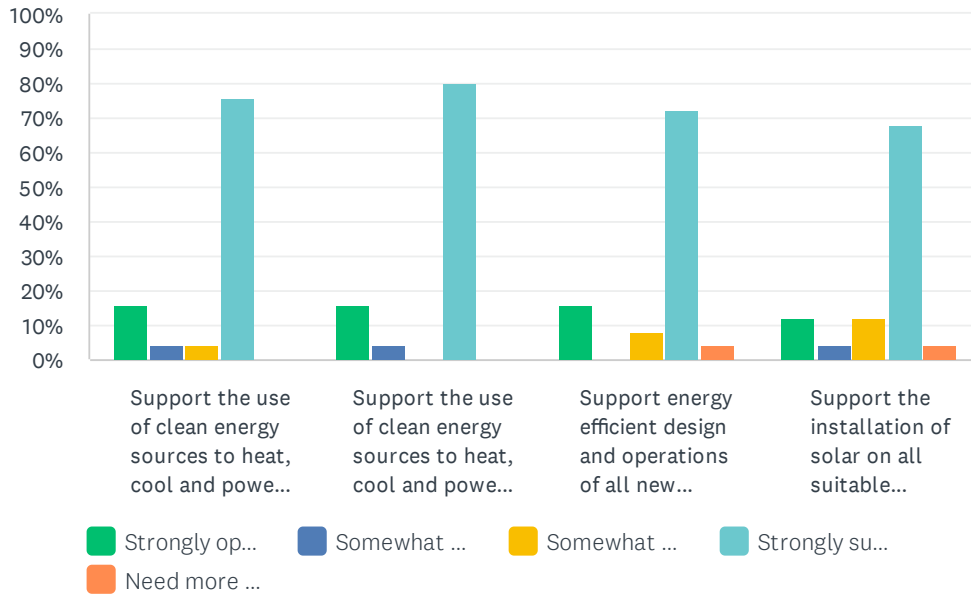
#	OTHER (PLEASE SPECIFY)	DATE
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Planning for Climate Change in Clackamas County

1	To the issue of cost, the county needs to evaluate these possible actions on a life cycle basis.	5/25/2022 10:21 AM
2	We need to use a variety of sources of energy, e.g. natural gas, oil, coal, nuclear, hydro, solar and wind. That would be the prudent thing to do. Not put all our eggs in 1 basket with renewables. Renewables are not reliable 24/7.	5/24/2022 9:32 AM

Q9 County Supports Action in the Community (education, incentives, regulations, grants, etc.): Please rate your degree of support for each of the following possible future actions.

Answered: 25 Skipped: 8

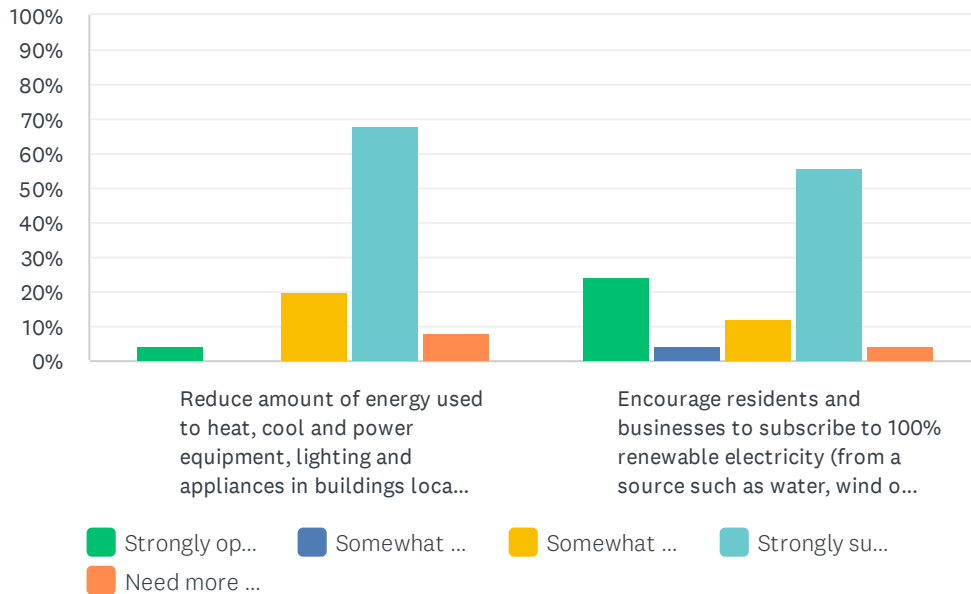


	STRONGLY OPPOSE	SOMEWHAT OPPOSE	SOMEWHAT SUPPORT	STRONGLY SUPPORT	NEED MORE INFORMATION	TOTAL	WEIGHTED AVERAGE
Support the use of clean energy sources to heat, cool and power homes.	16.00% 4	4.00% 1	4.00% 1	76.00% 19	0.00% 0	25	3.40
Support the use of clean energy sources to heat, cool and power commercial and industrial buildings.	16.00% 4	4.00% 1	0.00% 0	80.00% 20	0.00% 0	25	3.44
Support energy efficient design and operations of all new buildings constructed in Clackamas County, including houses, apartments, offices, schools and commercial and industrial buildings.	16.00% 4	0.00% 0	8.00% 2	72.00% 18	4.00% 1	25	3.48
Support the installation of solar on all suitable buildings, especially new buildings.	12.00% 3	4.00% 1	12.00% 3	68.00% 17	4.00% 1	25	3.48

#	OTHER (PLEASE SPECIFY)	DATE
1	Support should include providing public education about the benefits of taking such actions.	5/25/2022 10:21 AM

Q10 County Advocates: Please rate your degree of support for each of the following possible future actions.

Answered: 25 Skipped: 8

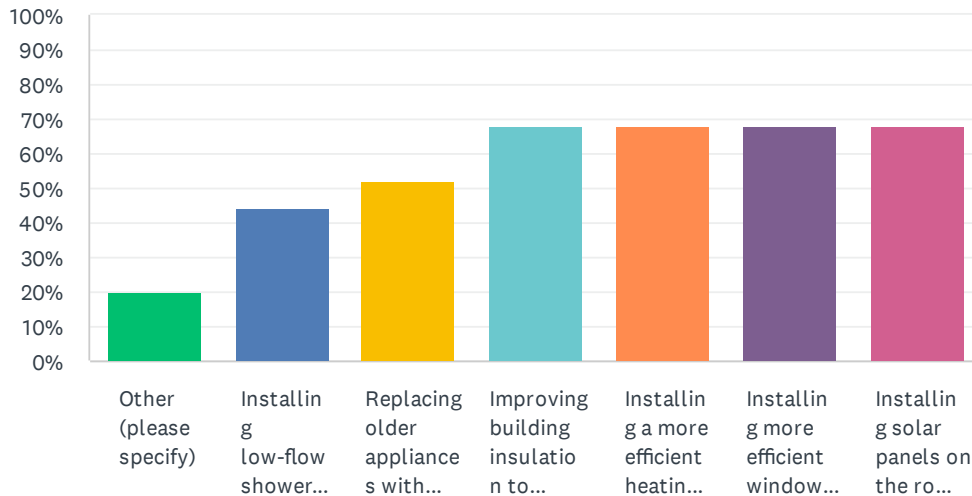


	STRONGLY OPPOSE	SOMEWHAT OPPOSE	SOMEWHAT SUPPORT	STRONGLY SUPPORT	NEED MORE INFORMATION	TOTAL	WEIGHTED AVERAGE
Reduce amount of energy used to heat, cool and power equipment, lighting and appliances in buildings located in Clackamas County	4.00% 1	0.00% 0	20.00% 5	68.00% 17	8.00% 2	25	3.76
Encourage residents and businesses to subscribe to 100% renewable electricity (from a source such as water, wind or solar power)	24.00% 6	4.00% 1	12.00% 3	56.00% 14	4.00% 1	25	3.12

#	OTHER (PLEASE SPECIFY)	DATE
1	Improving the reliability of our electrical grid should go hand in hand with these actions. With the ice storm produced power outage of 2021, it became clear that PGE was following a "run to failure" maintenance strategy. Following the ice storm, I watched people scrambling to cut remaining tree branches away from power lines and reinforce power lines with steel cable.	5/25/2022 10:21 AM
2	100% renewable electricity is not enough to power all homes and business 24/7.	5/24/2022 9:32 AM

Q11 Which of the following energy efficiency improvements are you interested in making? (check all that apply)

Answered: 25 Skipped: 8

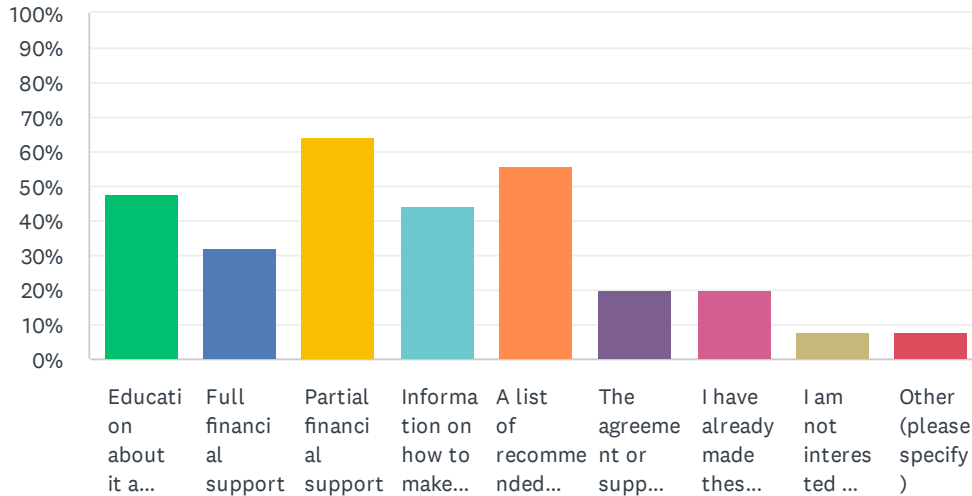


ANSWER CHOICES	RESPONSES
Other (please specify)	20.00% 5
Installing low-flow showers, faucets, and toilets to reduce the amount of water that requires treatment, energy used to treat the water, and wastewater that emits methane, which is a greenhouse gas	44.00% 11
Replacing older appliances with more efficient options	52.00% 13
Improving building insulation to prevent the loss of heated or cooled air	68.00% 17
Installing a more efficient heating and cooling system	68.00% 17
Installing more efficient windows/doors to prevent the loss of heated or cooled air	68.00% 17
Installing solar panels on the roof, on the ground, or in a community setting for shared use	68.00% 17
Total Respondents: 25	

#	OTHER (PLEASE SPECIFY)	DATE
1	I will make improvements if they make financial sense.	6/23/2022 4:37 PM
2	All other options we have already done so I didn't check the	6/12/2022 9:16 AM
3	While I am all for making home energy efficiency improvements, I am a retired senior citizen on a fixed income so that does impact how much I can afford to do. Though I already have replaced some older appliances with more efficient Star Energy ones.	6/3/2022 7:17 PM
4	My home was built in 2016 and seems to be pretty efficient. I would need assistance in determining how to make my home more energy efficient.	5/30/2022 10:14 PM
5	Installing backup energy systems for when the power goes out.	5/25/2022 10:21 AM

Q12 What support would you need to make the above changes? (check all that apply)

Answered: 25 Skipped: 8

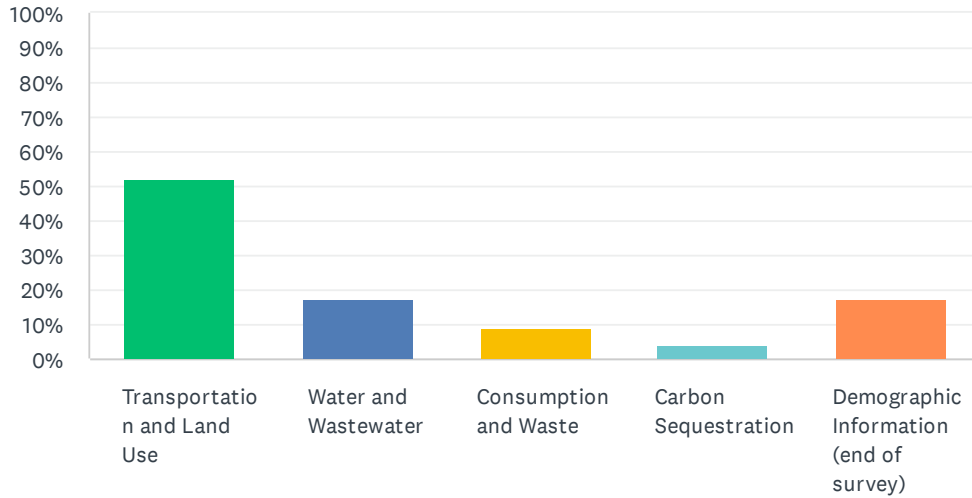


ANSWER CHOICES	RESPONSES	
Education about it and how well it works in our community.	48.00%	12
Full financial support	32.00%	8
Partial financial support	64.00%	16
Information on how to make these changes myself.	44.00%	11
A list of recommended professionals and contractors who can make the changes.	56.00%	14
The agreement or support of a building owner.	20.00%	5
I have already made these changes.	20.00%	5
I am not interested in making these changes.	8.00%	2
Other (please specify)	8.00%	2
Total Respondents: 25		

#	OTHER (PLEASE SPECIFY)	DATE
1	No support needed. Why would I listen to the government?	6/1/2022 3:47 PM
2	Most of these changes require qualified and responsible professionals to do the installations. It's hard enough to find such professionals today even to do the mundane home repair/upgrades. Providing incentives and financial support will require strong oversight.	5/25/2022 10:21 AM

Q13 Check the box by the category you would like to focus on next or to go to the end of the survey.

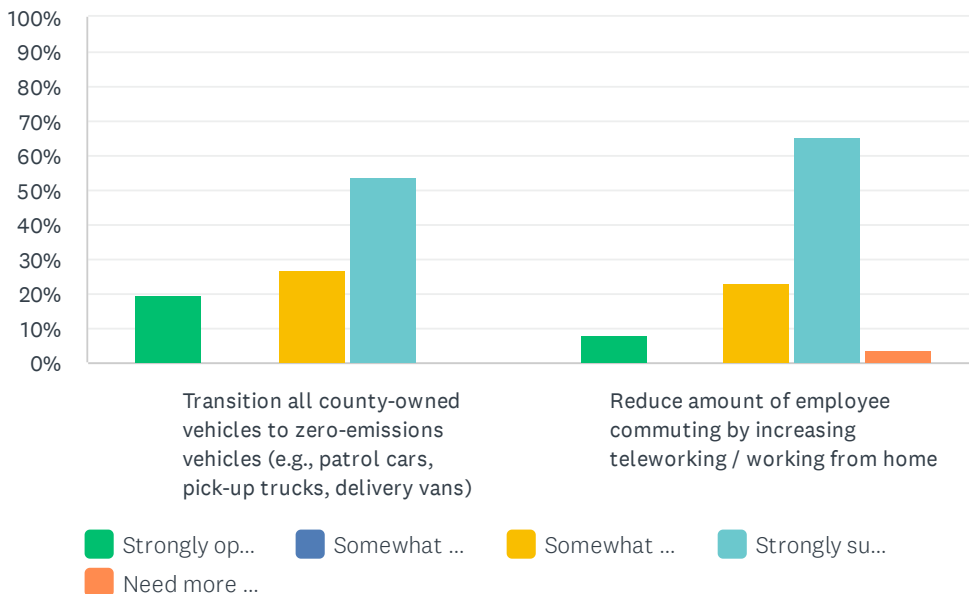
Answered: 23 Skipped: 10



ANSWER CHOICES	RESPONSES	
Transportation and Land Use	52.17%	12
Water and Wastewater	17.39%	4
Consumption and Waste	8.70%	2
Carbon Sequestration	4.35%	1
Demographic Information (end of survey)	17.39%	4
TOTAL		23

Q14 County Operations: Please rate your degree of support for each of the following possible future actions.

Answered: 26 Skipped: 7

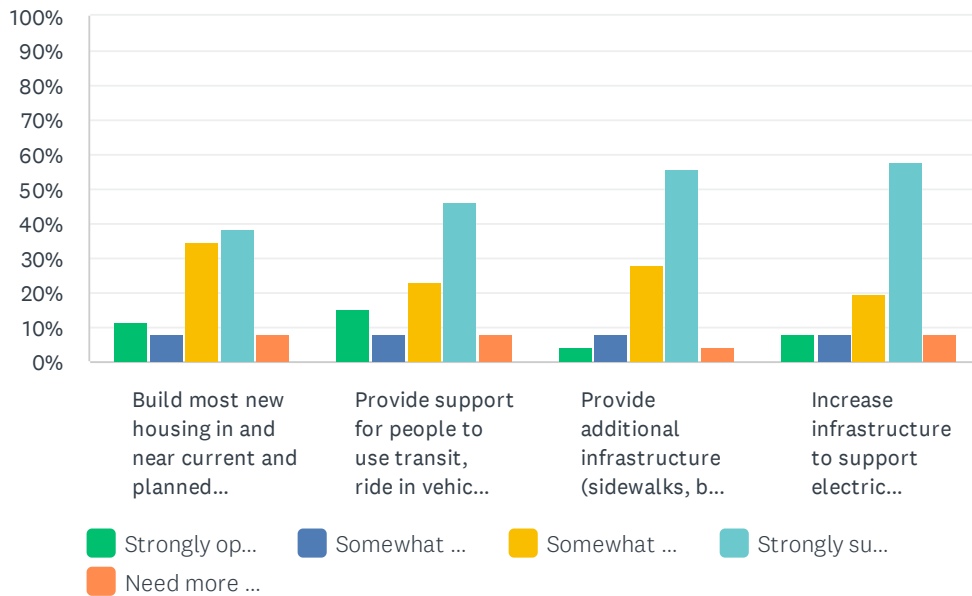


	STRONGLY OPPOSE	SOMEWHAT OPPOSE	SOMEWHAT SUPPORT	STRONGLY SUPPORT	NEED MORE INFORMATION	TOTAL	WEIGHTED AVERAGE
Transition all county-owned vehicles to zero-emissions vehicles (e.g., patrol cars, pick-up trucks, delivery vans)	19.23% 5	0.00% 0	26.92% 7	53.85% 14	0.00% 0	26	3.15
Reduce amount of employee commuting by increasing teleworking / working from home	7.69% 2	0.00% 0	23.08% 6	65.38% 17	3.85% 1	26	3.58

#	OTHER (PLEASE SPECIFY)	DATE
1	Some, not all, county-owned vehicles could be transitioned to zero-emissions vehicles. Not all. Customer facing employees should not WFH.	5/24/2022 9:32 AM
2	Provide strong financial incentives for employees who use public transit to get to work (i.e. pay for their transit passes in full if you don't already).	5/17/2022 9:33 AM

Q15 County Supports Action in the Community (education, incentives, regulations, grants, etc.): Please rate your degree of support for each of the following possible future actions.

Answered: 26 Skipped: 7



	STRONGLY OPPOSE	SOMEWHAT OPPOSE	SOMEWHAT SUPPORT	STRONGLY SUPPORT	NEED MORE INFORMATION	TOTAL	WEIGHTED AVERAGE
Build most new housing in and near current and planned population centers and major travel corridors	11.54% 3	7.69% 2	34.62% 9	38.46% 10	7.69% 2	26	3.23
Provide support for people to use transit, ride in vehicles with two or more occupants (carpool or ride-share), walk and bike	15.38% 4	7.69% 2	23.08% 6	46.15% 12	7.69% 2	26	3.23
Provide additional infrastructure (sidewalks, bike paths, etc.) to make it easier and safer for people to walk or bike	4.00% 1	8.00% 2	28.00% 7	56.00% 14	4.00% 1	25	3.48
Increase infrastructure to support electric vehicles, e.g., electric charging stations	7.69% 2	7.69% 2	19.23% 5	57.69% 15	7.69% 2	26	3.50

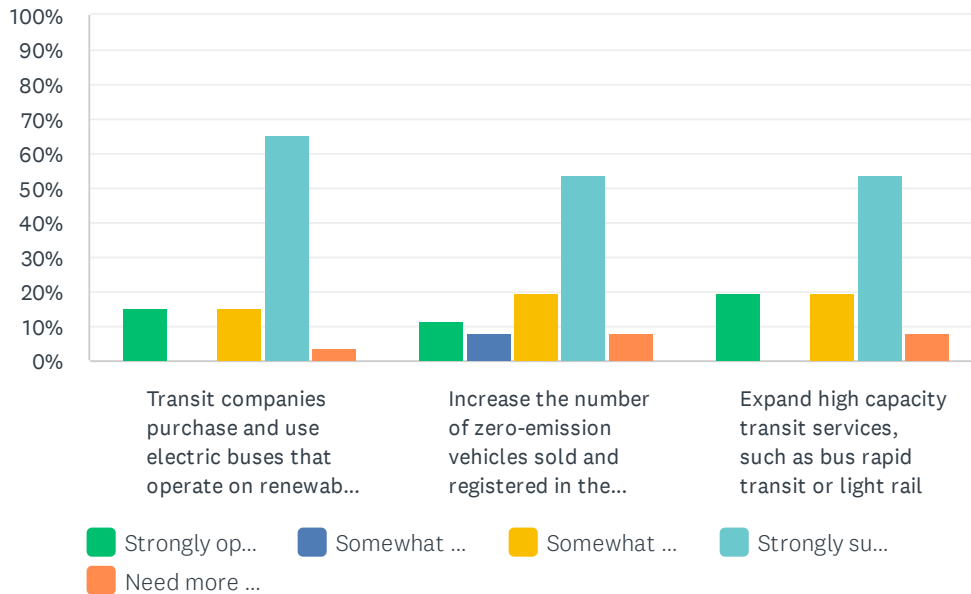
#	OTHER (PLEASE SPECIFY)	DATE
1	Support the implementation of Frog Ferry	6/29/2022 4:36 PM
2	Getting everyone transitioned to carbon free energy sources for transportation should be highest priority.	6/14/2022 10:05 AM

Planning for Climate Change in Clackamas County

3	Support transit-oriented development.	5/25/2022 10:21 AM
4	Better public transit!!	5/23/2022 2:33 PM

Q16 County Advocates: Please rate your degree of support for each of the following possible future actions.

Answered: 26 Skipped: 7

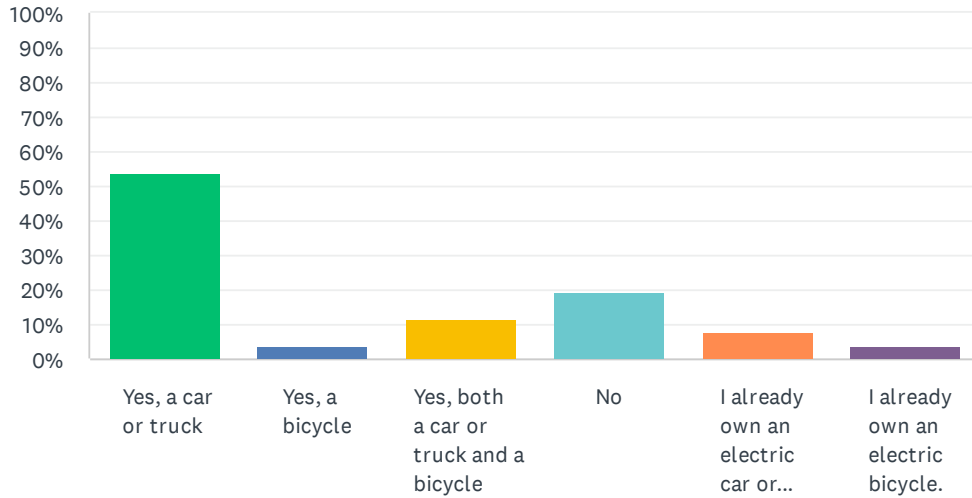


	STRONGLY OPPOSE	SOMEWHAT OPPOSE	SOMEWHAT SUPPORT	STRONGLY SUPPORT	NEED MORE INFORMATION	TOTAL	WEIGHTED AVERAGE
Transit companies purchase and use electric buses that operate on renewable electricity	15.38% 4	0.00% 0	15.38% 4	65.38% 17	3.85% 1	26	3.42
Increase the number of zero-emission vehicles sold and registered in the county	11.54% 3	7.69% 2	19.23% 5	53.85% 14	7.69% 2	26	3.38
Expand high capacity transit services, such as bus rapid transit or light rail	19.23% 5	0.00% 0	19.23% 5	53.85% 14	7.69% 2	26	3.31

#	OTHER (PLEASE SPECIFY)	DATE
1	Support the implementation of Frog Ferry	6/29/2022 4:36 PM
2	We should plan for more people in our area, which means building infrastructure such as light rail for the future, rather than when the demand and need is already present	6/25/2022 9:01 PM
3	More public transit! Less individual commuting.	5/23/2022 2:33 PM
4	If it makes sense, and the use is limited by capacity or convenience	5/21/2022 8:14 PM

Q17 Are you interested in purchasing or leasing an electric vehicle? (check the one that interests you the most)

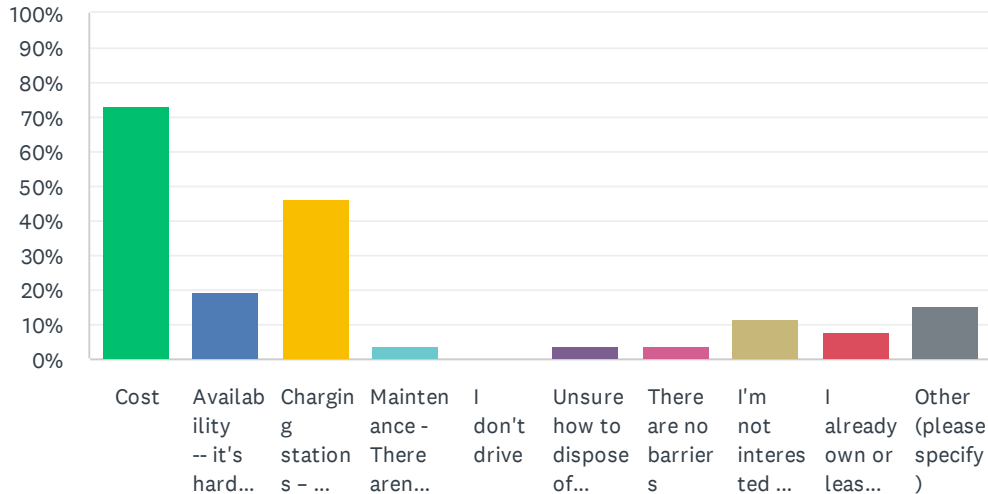
Answered: 26 Skipped: 7



ANSWER CHOICES	RESPONSES	
Yes, a car or truck	53.85%	14
Yes, a bicycle	3.85%	1
Yes, both a car or truck and a bicycle	11.54%	3
No	19.23%	5
I already own an electric car or truck.	7.69%	2
I already own an electric bicycle.	3.85%	1
TOTAL		26

Q18 Are there any barriers to you purchasing an electric car or truck? (check all that apply)

Answered: 26 Skipped: 7

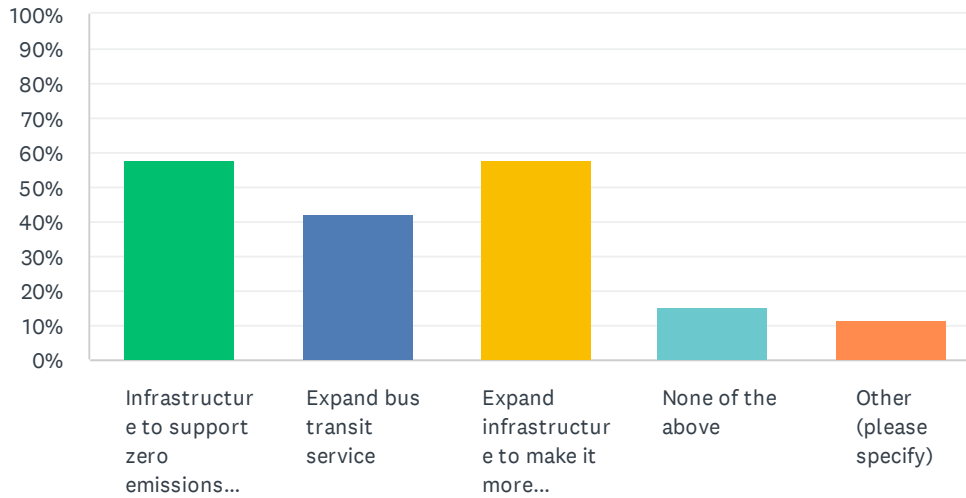


ANSWER CHOICES	RESPONSES	
Cost	73.08%	19
Availability -- it's hard to find one to purchase or lease	19.23%	5
Charging stations -- I don't know if there are enough charging stations for me to drive an electric vehicle comfortably without risking running out of power	46.15%	12
Maintenance - There aren't enough local mechanics to service and maintain electric vehicles	3.85%	1
I don't drive	0.00%	0
Unsure how to dispose of current vehicle	3.85%	1
There are no barriers	3.85%	1
I'm not interested in purchasing an electric car or truck	11.54%	3
I already own or lease an electric car or truck	7.69%	2
Other (please specify)	15.38%	4
Total Respondents: 26		

#	OTHER (PLEASE SPECIFY)	DATE
1	Probably most interested in a hybrid so don't have to worry about running out of power	6/9/2022 8:15 AM
2	There are other environmental considerations re batteries.	6/4/2022 8:09 PM
3	The range for electrical vehicles. Also, I don't want the purchase a new model electrical vehicle while it works out its issues. This is a newer technology and I'd prefer to purchase a model that has been out for a couple of years, thus giving time for the bugs and quirks to be worked out.	6/3/2022 7:17 PM
4	The range of electric vehicles is still relatively low and will remain low until battery technology improves. Charging stations are not sufficient in terms of quantity and distribution.	5/25/2022 10:21 AM

Q19 If the County were to invest in infrastructure to support lower transportation emissions, where would you prefer they focus? (check all that apply)

Answered: 26 Skipped: 7

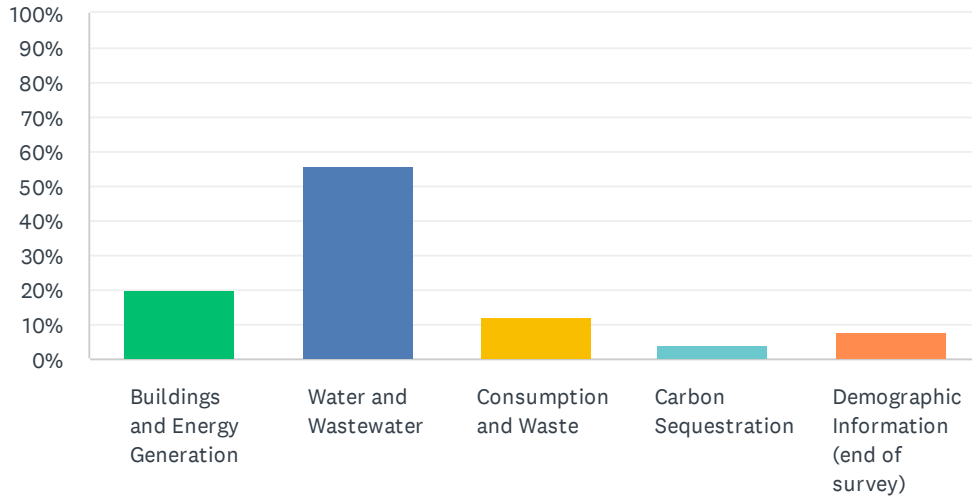


ANSWER CHOICES	RESPONSES	
Infrastructure to support zero emissions vehicles, e.g., installing electric vehicle charging stations	57.69%	15
Expand bus transit service	42.31%	11
Expand infrastructure to make it more convenient and safer to walk and bicycle	57.69%	15
None of the above	15.38%	4
Other (please specify)	11.54%	3
Total Respondents: 26		

#	OTHER (PLEASE SPECIFY)	DATE
1	Support Implementation of Frog Ferry	6/29/2022 4:38 PM
2	Regional Lightrail. Study after study shows costs far outweigh the benefits of adding another lane.	6/25/2022 9:03 PM
3	As a cyclist I find the roads in my area are dangerous.	5/25/2022 10:21 AM

Q20 Check the box by the category you would like to focus on next or to go to the end of the survey.

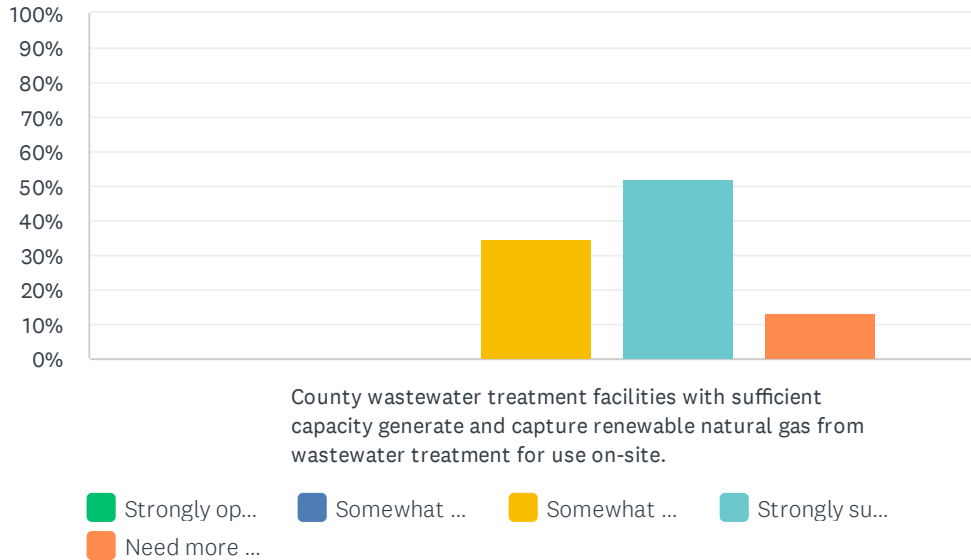
Answered: 25 Skipped: 8



ANSWER CHOICES	RESPONSES	
Buildings and Energy Generation	20.00%	5
Water and Wastewater	56.00%	14
Consumption and Waste	12.00%	3
Carbon Sequestration	4.00%	1
Demographic Information (end of survey)	8.00%	2
TOTAL		25

Q21 County Operations: Please rate your degree of support for each of the following possible future actions.

Answered: 23 Skipped: 10

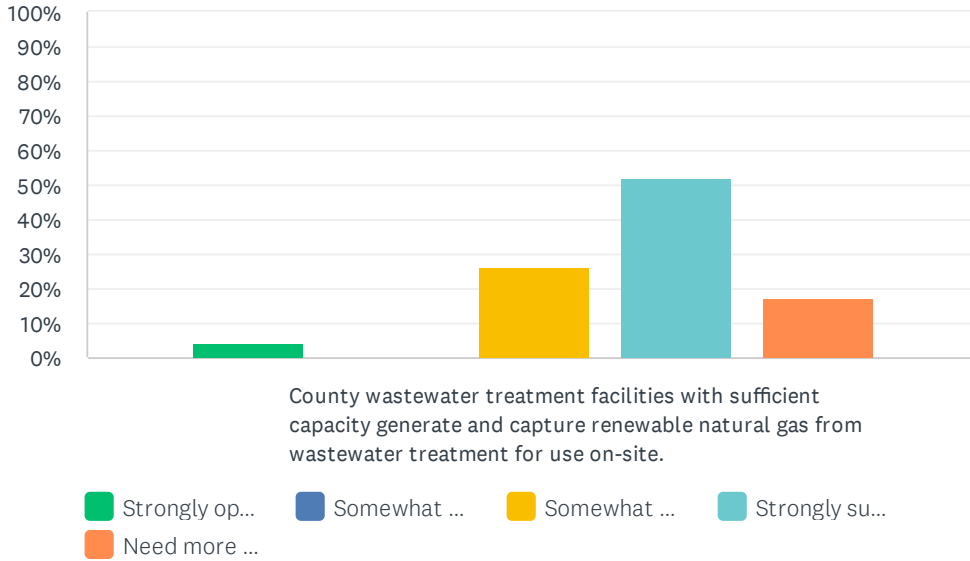


	STRONGLY OPPOSE	SOMEWHAT OPPOSE	SOMEWHAT SUPPORT	STRONGLY SUPPORT	NEED MORE INFORMATION	TOTAL	WEIGHTED AVERAGE
County wastewater treatment facilities with sufficient capacity generate and capture renewable natural gas from wastewater treatment for use on-site.	0.00% 0	0.00% 0	34.78% 8	52.17% 12	13.04% 3	23	3.78

#	OTHER (PLEASE SPECIFY)	DATE
1	burning natural gas, renewable or not, produced GHGs. Okay as a transition fuel.	5/25/2022 10:23 AM

Q22 County Supports Action in the Community (education, incentives, regulations, grants, etc.): Please rate your degree of support for each of the following possible future actions.

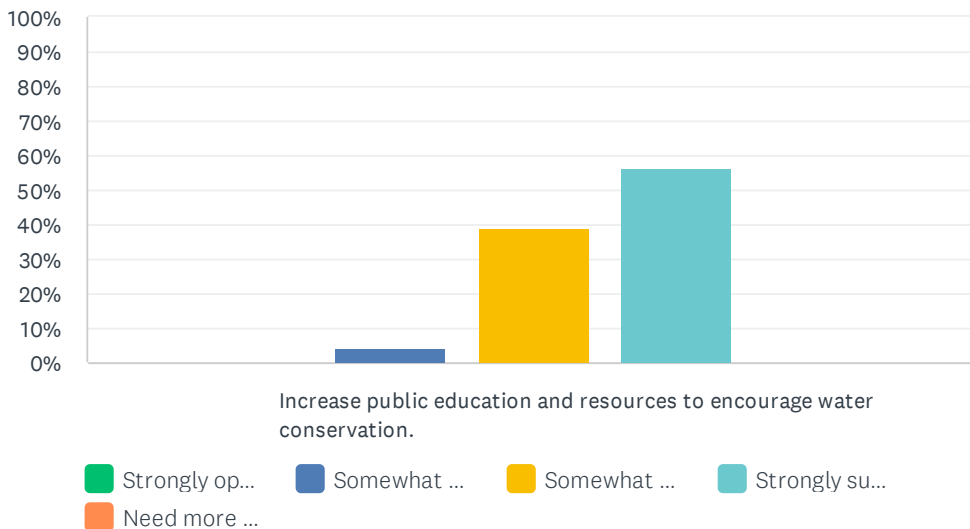
Answered: 23 Skipped: 10



	STRONGLY OPPOSE	SOMEWHAT OPPOSE	SOMEWHAT SUPPORT	STRONGLY SUPPORT	NEED MORE INFORMATION	TOTAL	WEIGHTED AVERAGE
County wastewater treatment facilities with sufficient capacity generate and capture renewable natural gas from wastewater treatment for use on-site.	4.35% 1	0.00% 0	26.09% 6	52.17% 12	17.39% 4	23	3.78

Q23 County Advocates: Please rate your degree of support for each of the following possible future actions.

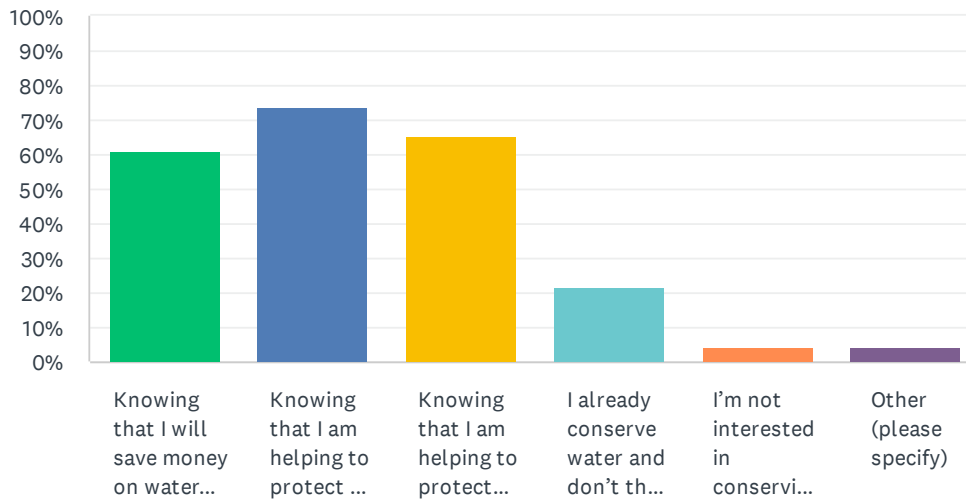
Answered: 23 Skipped: 10



	STRONGLY OPPOSE	SOMEWHAT OPPOSE	SOMEWHAT SUPPORT	STRONGLY SUPPORT	NEED MORE INFORMATION	TOTAL	WEIGHTED AVERAGE
Increase public education and resources to encourage water conservation.	0.00% 0	4.35% 1	39.13% 9	56.52% 13	0.00% 0	23	3.52

Q24 The actions of individual households can make a difference in maintaining a healthy and adequate supply of water. What would encourage you to conserve water at home? (check all that apply)

Answered: 23 Skipped: 10

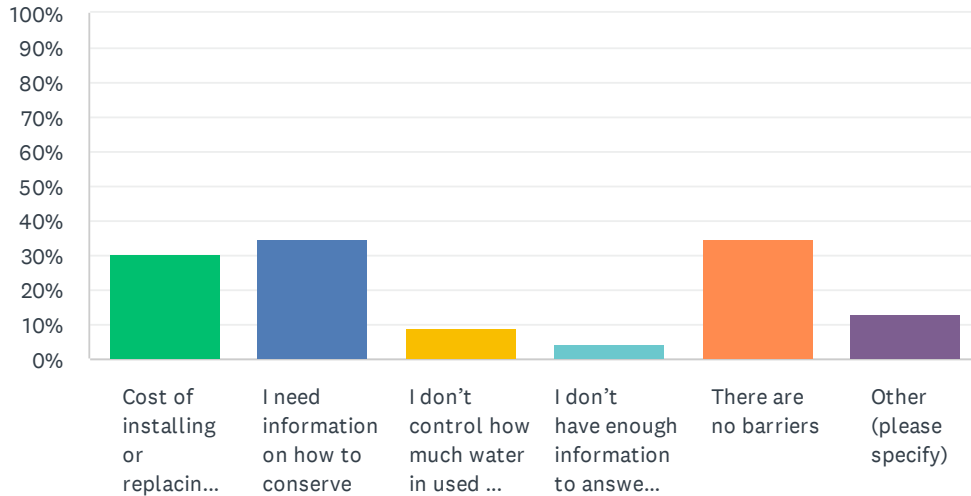


ANSWER CHOICES	RESPONSES	
Knowing that I will save money on water and sewer bills	60.87%	14
Knowing that I am helping to protect the environment	73.91%	17
Knowing that I am helping to protect salmon and other fish and wildlife	65.22%	15
I already conserve water and don't think there is more I can do	21.74%	5
I'm not interested in conserving water at home	4.35%	1
Other (please specify)	4.35%	1
Total Respondents: 23		

#	OTHER (PLEASE SPECIFY)	DATE
1	I do think I currently try to conserve water but I am open to learning more.	6/3/2022 7:26 PM

Q25 Are there any barriers to you conserving water at home? (check all that apply)

Answered: 23 Skipped: 10



ANSWER CHOICES	RESPONSES
Cost of installing or replacing equipment	30.43% 7
I need information on how to conserve	34.78% 8
I don't control how much water in used in my household	8.70% 2
I don't have enough information to answer at this time	4.35% 1
There are no barriers	34.78% 8
Other (please specify)	13.04% 3
Total Respondents: 23	

#	OTHER (PLEASE SPECIFY)	DATE
1	Teenagers that take long showers.	6/9/2022 8:17 AM
2	Landscaping needs water in the summertime. More research and information for low maintenance/ low water requiring/ native plants and how to plant them would be very helpful.	5/21/2022 8:22 PM
3	I live in a rental and it would be helpful to have an audit done on the rental/appliances to determine what's working well and what could use more attention in terms of water conservation and potential retrofits or swaps.	5/17/2022 9:38 AM

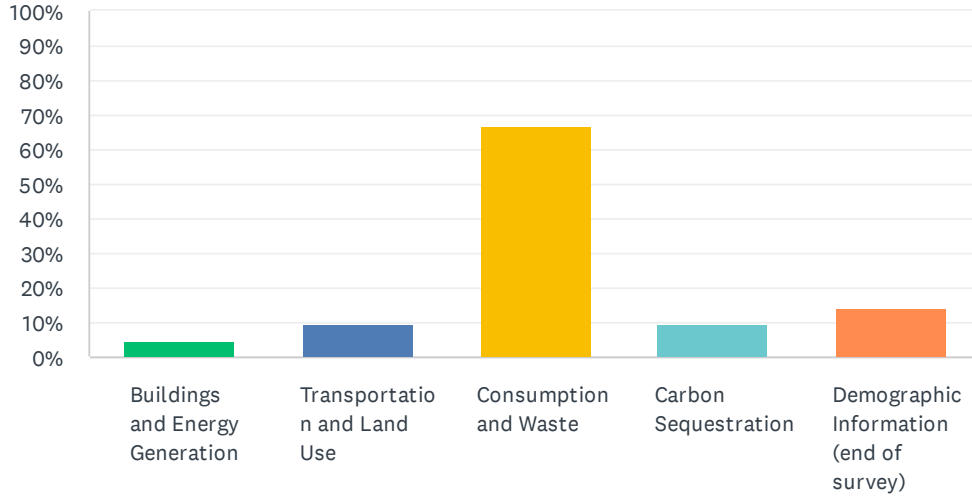
Q26 Please share any other suggestions you have for actions individuals can take to save water and wastewater. (specify)

Answered: 4 Skipped: 29

#	RESPONSES	DATE
1	People pay a minimum amount for water, for us, we don't go over that amount. Conserving more won't save any money.	6/28/2022 4:45 PM
2	Information about rain barrels to use for garden use during summer months.	6/3/2022 7:26 PM
3	-encourage nature habitats and using less of yard for grass... less to water. - turning off sprinkler system at county parks in july/august to conserve water	5/27/2022 11:12 AM
4	I think the education piece is critical. I don't think a lot of folks understand that water is as scarce as it is, or what it takes to treat the water after it's used. Tours of the wastewater treatment facility for kids? Info on recycled water use/safety?	5/17/2022 9:38 AM

Q27 Check the box by the category you would like to focus on next or to go to the end of the survey. (select just one)

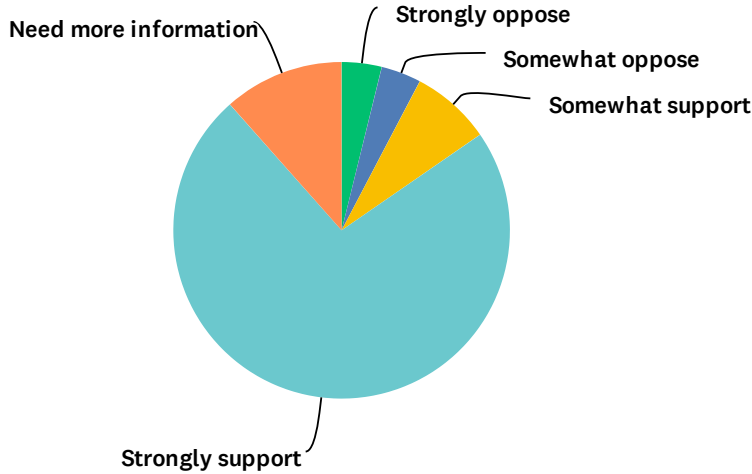
Answered: 21 Skipped: 12



ANSWER CHOICES	RESPONSES	
Buildings and Energy Generation	4.76%	1
Transportation and Land Use	9.52%	2
Consumption and Waste	66.67%	14
Carbon Sequestration	9.52%	2
Demographic Information (end of survey)	14.29%	3
Total Respondents: 21		

Q28 County Operations: Please rate your degree of support for each of the following possible future actions.

Answered: 26 Skipped: 7

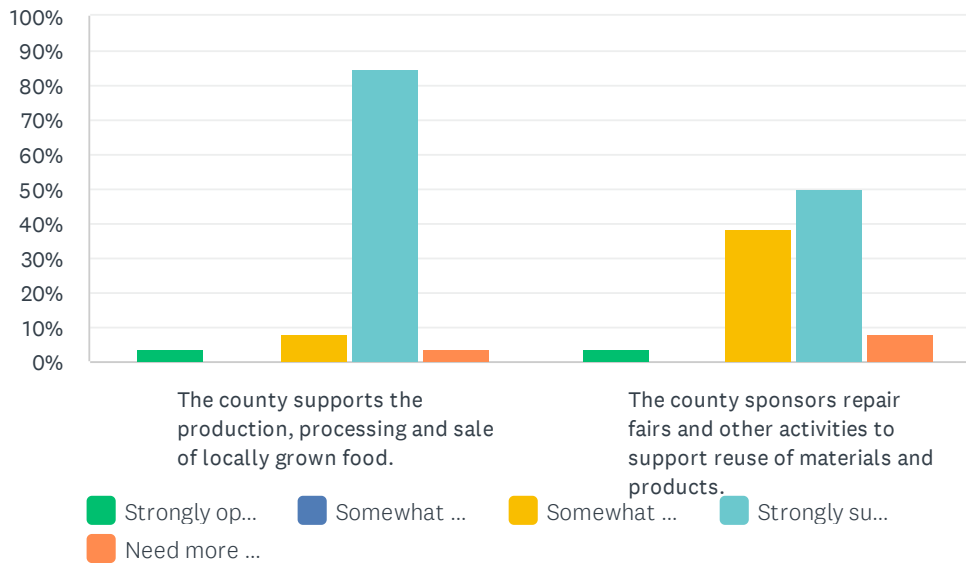


	STRONGLY OPPOSE	SOMEWHAT OPPOSE	SOMEWHAT SUPPORT	STRONGLY SUPPORT	NEED MORE INFORMATION	TOTAL	WEIGHTED AVERAGE
Clackamas County prioritizes purchasing services and products that minimize the release of greenhouse gases	3.85% 1	3.85% 1	7.69% 2	73.08% 19	11.54% 3	26	3.85

#	OTHER (PLEASE SPECIFY)	DATE
1	Should include reduction of embodied carbon as well as operational carbon.	5/25/2022 10:27 AM
2	Clackamas County supports a "library of things" or other materials reuse program.	5/17/2022 9:42 AM

Q29 County Supports Action in the Community (Education, incentives, regulations, grants, etc.): Please rate your degree of support for each of the following possible future actions.

Answered: 26 Skipped: 7

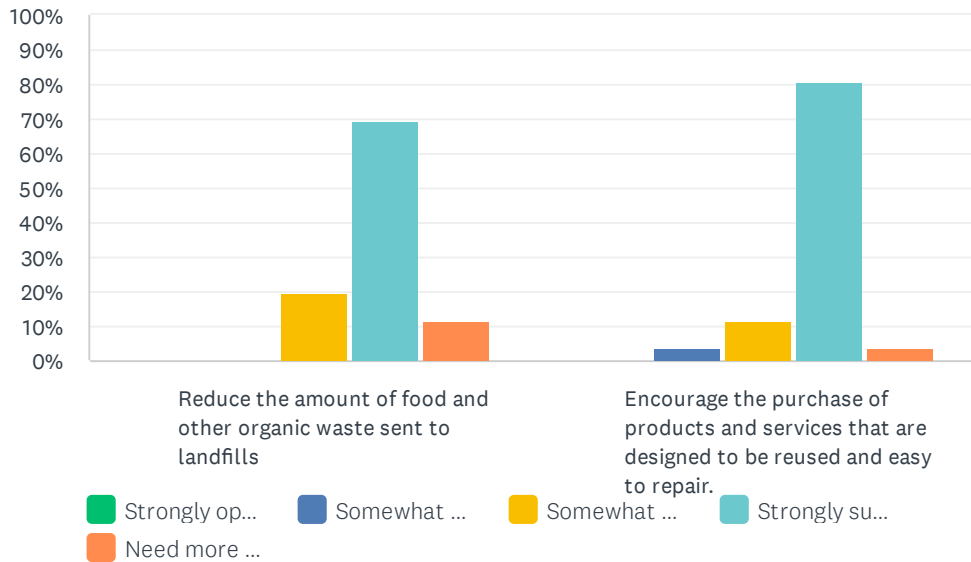


	STRONGLY OPPOSE	SOMEWHAT OPPOSE	SOMEWHAT SUPPORT	STRONGLY SUPPORT	NEED MORE INFORMATION	TOTAL	WEIGHTED AVERAGE
The county supports the production, processing and sale of locally grown food.	3.85% 1	0.00% 0	7.69% 2	84.62% 22	3.85% 1	26	3.85
The county sponsors repair fairs and other activities to support reuse of materials and products.	3.85% 1	0.00% 0	38.46% 10	50.00% 13	7.69% 2	26	3.58

#	OTHER (PLEASE SPECIFY)	DATE
1	Rather, encourage businesses that manufacture or produce goods and services that are sustainable and have a lifecycle plan. Local goods/ craftsman/ trade jobs that produce these things should be encouraged.	5/21/2022 8:27 PM

Q30 County Advocates: Please rate your degree of support for each of the following possible future actions.

Answered: 26 Skipped: 7

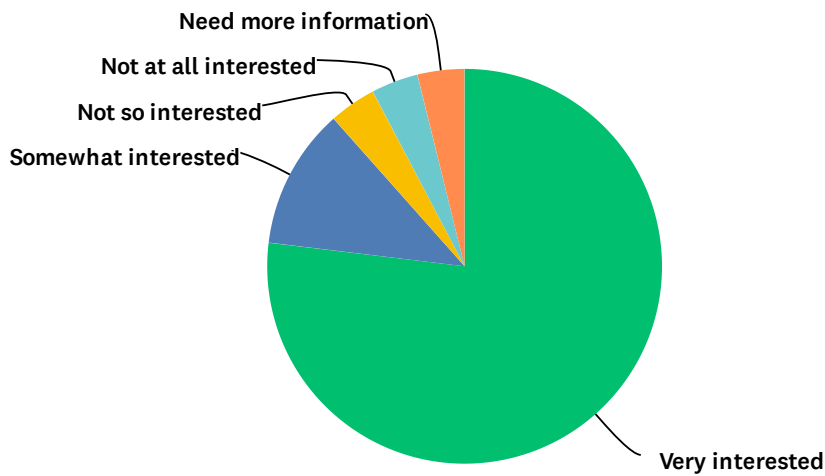


	STRONGLY OPPOSE	SOMEWHAT OPPOSE	SOMEWHAT SUPPORT	STRONGLY SUPPORT	NEED MORE INFORMATION	TOTAL	WEIGHTED AVERAGE
Reduce the amount of food and other organic waste sent to landfills	0.00% 0	0.00% 0	19.23% 5	69.23% 18	11.54% 3	26	3.92
Encourage the purchase of products and services that are designed to be reused and easy to repair.	0.00% 0	3.85% 1	11.54% 3	80.77% 21	3.85% 1	26	3.85

#	OTHER (PLEASE SPECIFY)	DATE
1	Don't think the county should be regulating products	6/14/2022 10:12 AM

Q31 The amount of waste is we create is impacted by individual decisions such as how much we buy, what we buy, how we take care of what we buy and what we do with things when we are done with them. How interested are you in reducing your waste?

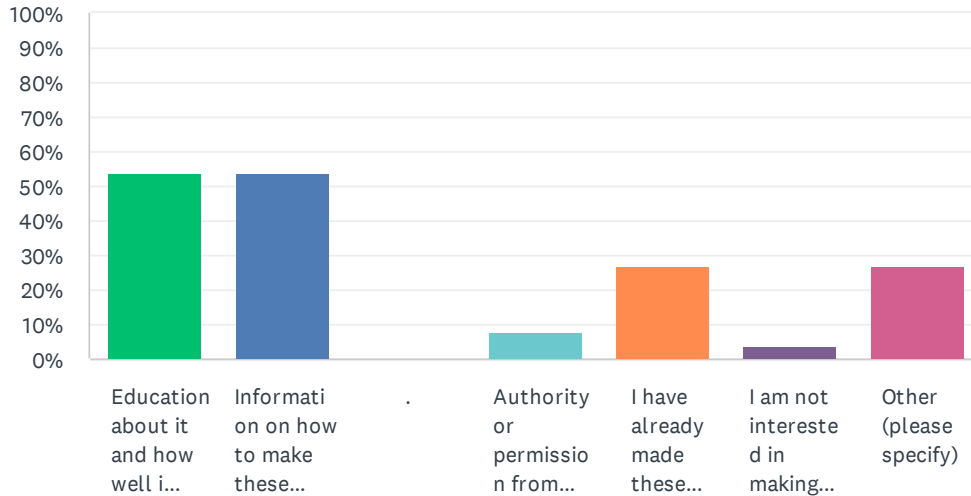
Answered: 26 Skipped: 7



ANSWER CHOICES	RESPONSES	
Very interested	76.92%	20
Somewhat interested	11.54%	3
Not so interested	3.85%	1
Not at all interested	3.85%	1
Need more information	3.85%	1
TOTAL		26

Q32 What support would you need to make the above changes? (check all that apply)

Answered: 26 Skipped: 7



ANSWER CHOICES	RESPONSES	
Education about it and how well it works in our community.	53.85%	14
Information on how to make these changes myself.	53.85%	14
.	0.00%	0
Authority or permission from a building owner.	7.69%	2
I have already made these changes.	26.92%	7
I am not interested in making these changes.	3.85%	1
Other (please specify)	26.92%	7
Total Respondents: 26		

#	OTHER (PLEASE SPECIFY)	DATE
1	Make plastic packaging illegal.	6/28/2022 4:48 PM
2	Improve curbside recycling - include food waste and other items that could be recycled.	6/14/2022 10:12 AM
3	Need more package free food available	6/5/2022 7:55 AM
4	We need success stories of what others are doing and how their actions can work for others.	5/25/2022 10:27 AM
5	There should never be any laws restricting how much we buy or what we buy.	5/24/2022 9:36 AM
6	Better upcycling options. More spaces to purchased recycled or gently used items, more community events and fairs on trading, upcycling, recycling, and repairing goods.	5/23/2022 2:35 PM
7	Create materials and informational content that shows people how to compost, use compost.	5/21/2022 8:27 PM

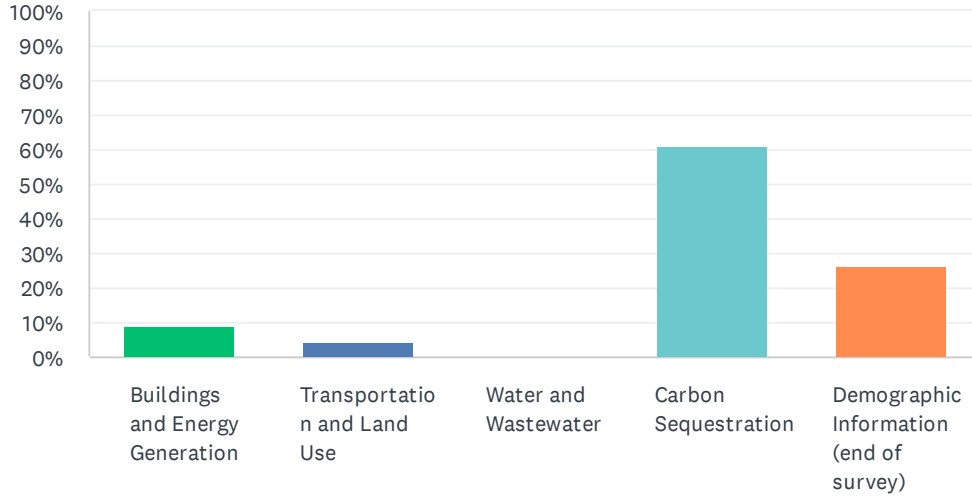
Q33 Please share any other suggestions you have for actions individuals or the county can take to reduce consumption and waste. (specify)

Answered: 4 Skipped: 29

#	RESPONSES	DATE
1	Shift transportation use to biking or walking if at all possible. Buying products with a thought process of using them for several years	6/25/2022 9:05 PM
2	Every home should have a compost container that is picked up at the curb (they do this on bicycles in Austin, TX).	6/5/2022 7:55 AM
3	- Ensuring all residents have access to composting to dispose of food waste (especially in apartments). - Increasing community gardens so all can grow their own food. - Create webpage that lists out all resale/no buy areas in area (FB marketplace groups, offer up, etc.)	5/27/2022 11:05 AM
4	Landfill tours to see the impacts of our material waste habits? More info on recycling/composting. More access to composting at rental properties.	5/17/2022 9:42 AM

Q34 Check the box by the category you would like to focus on next or to go to the end of the survey. (select just one)

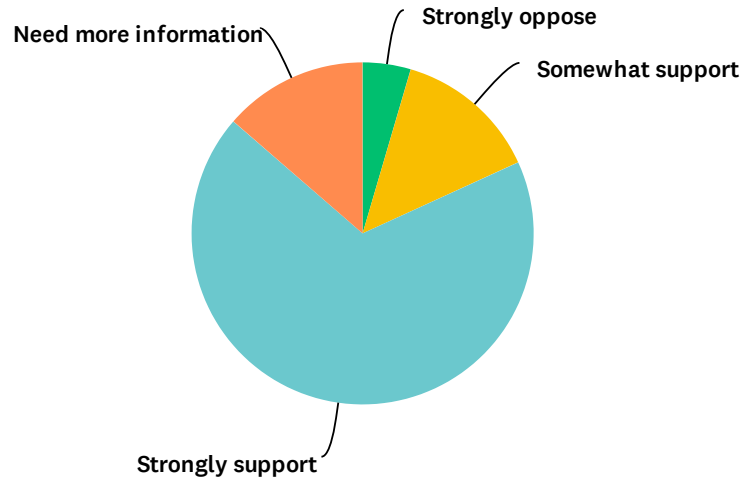
Answered: 23 Skipped: 10



ANSWER CHOICES	RESPONSES	
Buildings and Energy Generation	8.70%	2
Transportation and Land Use	4.35%	1
Water and Wastewater	0.00%	0
Carbon Sequestration	60.87%	14
Demographic Information (end of survey)	26.09%	6
Total Respondents: 23		

Q35 County Operations: Please rate your degree of support for each of the following possible future actions.

Answered: 22 Skipped: 11

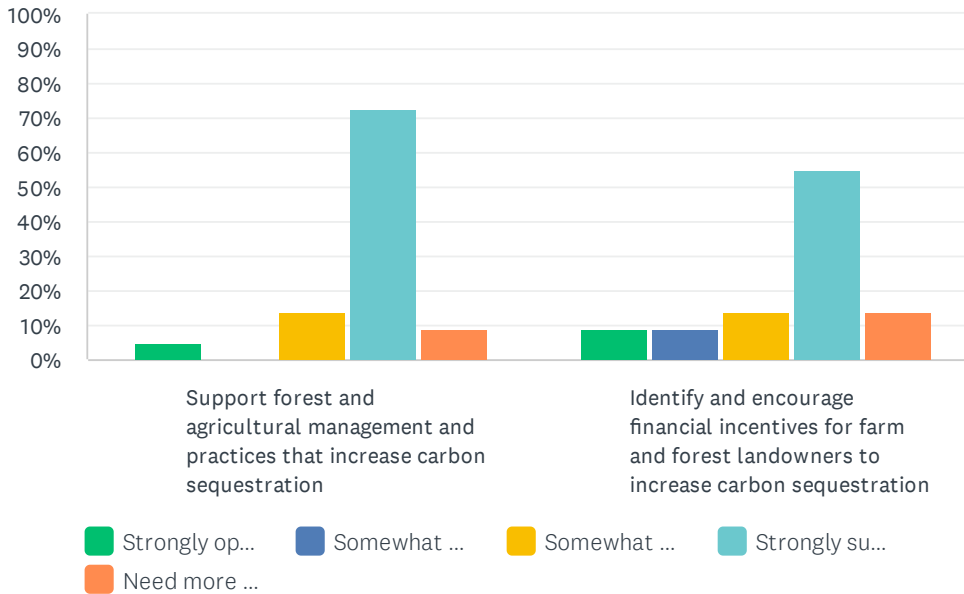


	STRONGLY OPPOSE	SOMEWHAT OPPOSE	SOMEWHAT SUPPORT	STRONGLY SUPPORT	NEED MORE INFORMATION	TOTAL	WEIGHTED AVERAGE
Implement forest management practices that increase carbon sequestration and growth	4.55% 1	0.00% 0	13.64% 3	68.18% 15	13.64% 3	22	3.86

#	OTHER (PLEASE SPECIFY)	DATE
1	Implementation of best practices is important, but also research that allows prescribed burning practices to flourish in an attempt to not be impacted by a wildfire at such a large scale again.	6/25/2022 9:07 PM
2	As long as "forest management practices" doesn't mean mass removal of trees since trees are imperative to aide with the negative impacts of climate change. Seeing all of the new development being built to meet the housing shortage demands, it saddens me to see so many trees removed, new housing built with very very few new trees planted. Same thoughts on what is happening on the 217 construction.....so many trees removed and I don't know if there are plans to replace all of them.	6/3/2022 7:32 PM
3	Protect our trees, encourage tree planting. This includes creating a county collaborative plan to eliminate invasive english ivy. Ban the sale of English ivy, inform the public how to remove it from their own property, and inform how problematic it is for large trees and the native flora/fauna	5/21/2022 8:31 PM

Q36 County Supports Action in the Community (education, incentives, regulations, grants, etc.): Please rate your degree of support for each of the following possible future actions.

Answered: 22 Skipped: 11

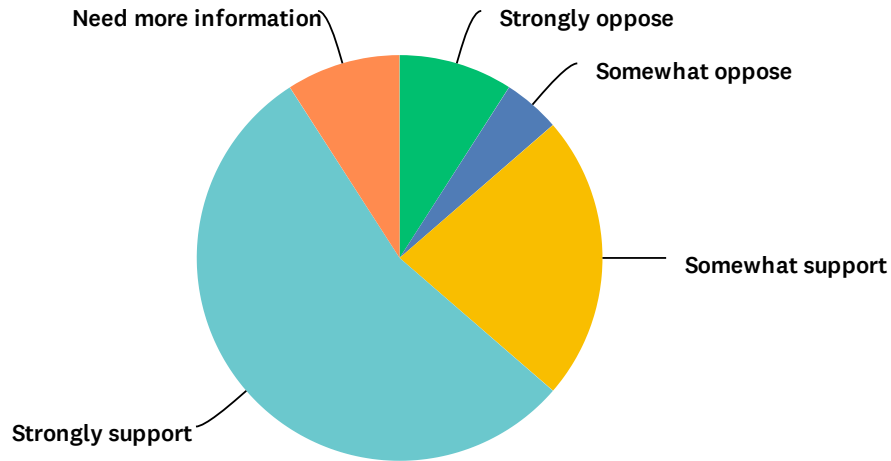


	STRONGLY OPPOSE	SOMEWHAT OPPOSE	SOMEWHAT SUPPORT	STRONGLY SUPPORT	NEED MORE INFORMATION	TOTAL	WEIGHTED AVERAGE
Support forest and agricultural management and practices that increase carbon sequestration	4.55% 1	0.00% 0	13.64% 3	72.73% 16	9.09% 2	22	3.82
Identify and encourage financial incentives for farm and forest landowners to increase carbon sequestration	9.09% 2	9.09% 2	13.64% 3	54.55% 12	13.64% 3	22	3.55

#	OTHER (PLEASE SPECIFY)	DATE
1	Again I want to say, I strongly support these efforts as long as it doesn't mean mass removal of trees. They play an important role in slowing down climate change.	6/3/2022 7:32 PM

Q37 County Advocates: Please rate your degree of support for each of the following possible future actions.

Answered: 22 Skipped: 11



	STRONGLY OPPOSE	SOMEWHAT OPPOSE	SOMEWHAT SUPPORT	STRONGLY SUPPORT	NEED MORE INFORMATION	TOTAL	WEIGHTED AVERAGE
Continue to investigate carbon sequestration capacity and opportunities	9.09% 2	4.55% 1	22.73% 5	54.55% 12	9.09% 2	22	3.50

#	OTHER (PLEASE SPECIFY)	DATE
1	Carbon capture, storage and sequestration by chemical/mechanical means is being promoted as a partial solution to excess carbon emissions. Currently, this is very expensive.	5/25/2022 10:30 AM

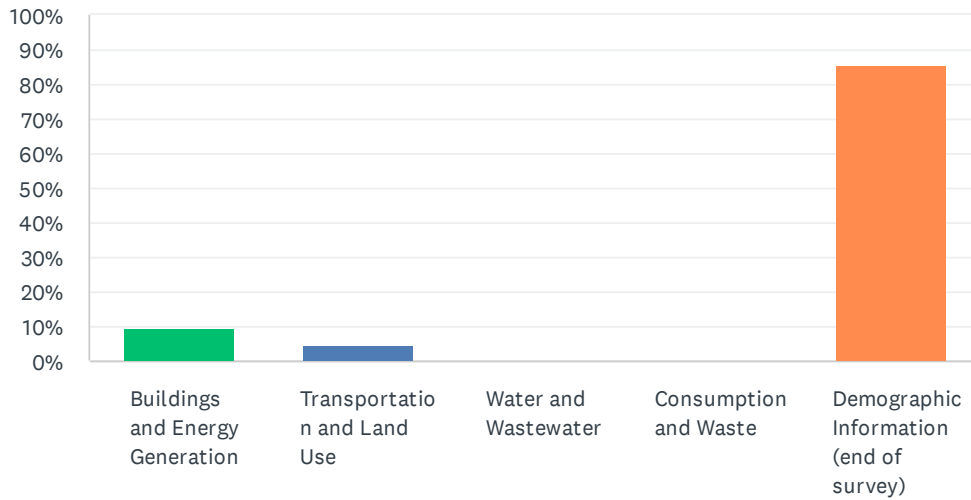
Q38 Please share any other suggestions you have for actions individuals can take to sequester carbon. (specify)

Answered: 3 Skipped: 30

#	RESPONSES	DATE
1	You can't.	6/22/2022 6:11 PM
2	Trees Plant trees	5/21/2022 8:31 PM
3	Education Native plant/tree programs to offer education and plants to folks	5/17/2022 9:43 AM

Q39 Check the box by the category you would like to focus on next or to go to the end of the survey. (select just one)

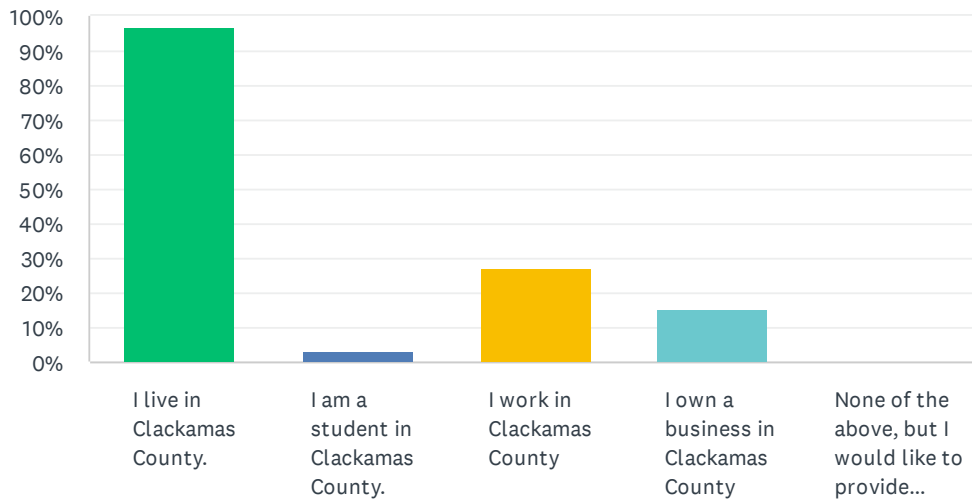
Answered: 21 Skipped: 12



ANSWER CHOICES	RESPONSES	
Buildings and Energy Generation	9.52%	2
Transportation and Land Use	4.76%	1
Water and Wastewater	0.00%	0
Consumption and Waste	0.00%	0
Demographic Information (end of survey)	85.71%	18
Total Respondents: 21		

Q40 Tell us which of these apply to you. (check all that apply)

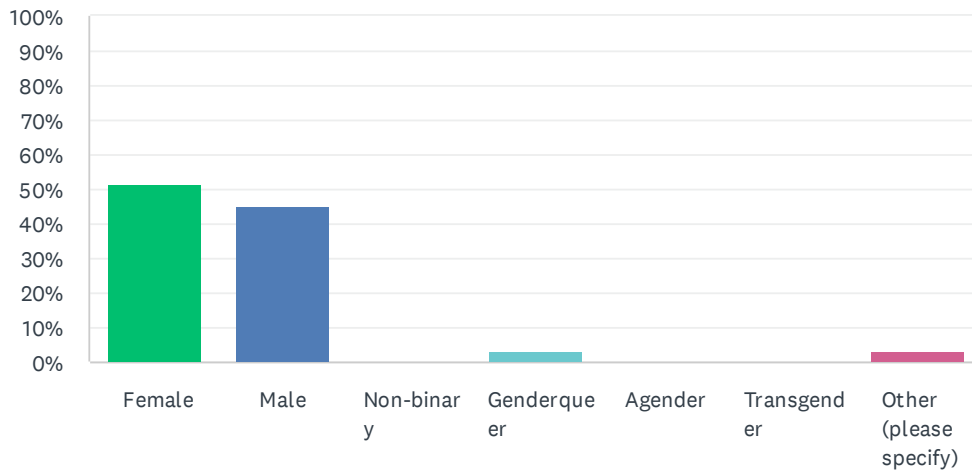
Answered: 33 Skipped: 0



ANSWER CHOICES	RESPONSES	
I live in Clackamas County.	96.97%	32
I am a student in Clackamas County.	3.03%	1
I work in Clackamas County	27.27%	9
I own a business in Clackamas County	15.15%	5
None of the above, but I would like to provide input.	0.00%	0
Total Respondents: 33		

Q41 Do you identify as: (check all that apply)

Answered: 33 Skipped: 0

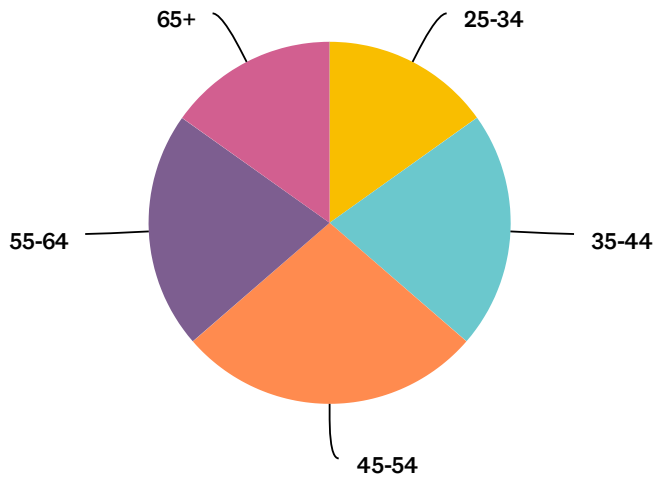


ANSWER CHOICES	RESPONSES
Female	51.52% 17
Male	45.45% 15
Non-binary	0.00% 0
Genderqueer	3.03% 1
Agender	0.00% 0
Transgender	0.00% 0
Other (please specify)	3.03% 1
Total Respondents: 33	

#	OTHER (PLEASE SPECIFY)	DATE
1	Does it matter?	6/22/2022 6:12 PM

Q42 What is your age? (check one)

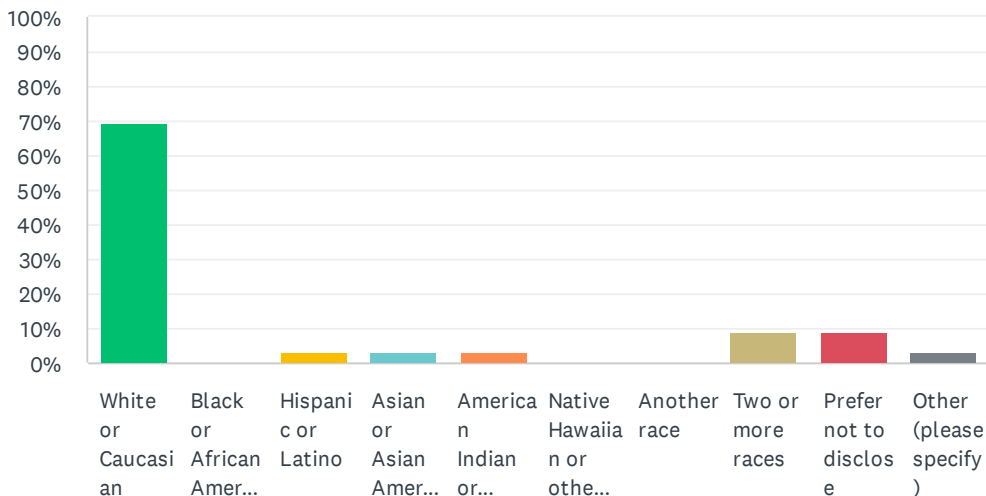
Answered: 33 Skipped: 0



ANSWER CHOICES	RESPONSES	
Under 18	0.00%	0
18-24	0.00%	0
25-34	15.15%	5
35-44	21.21%	7
45-54	27.27%	9
55-64	21.21%	7
65+	15.15%	5
TOTAL		33

Q43 With which racial or ethnic group do you identify? (check all that apply)

Answered: 33 Skipped: 0

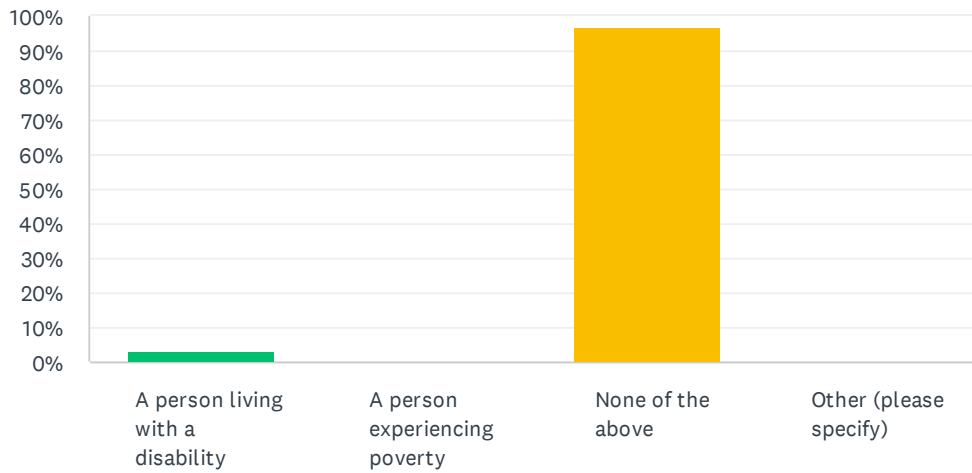


ANSWER CHOICES	RESPONSES	
White or Caucasian	69.70%	23
Black or African American	0.00%	0
Hispanic or Latino	3.03%	1
Asian or Asian American	3.03%	1
American Indian or Alaska Native	3.03%	1
Native Hawaiian or other Pacific Islander	0.00%	0
Another race	0.00%	0
Two or more races	9.09%	3
Prefer not to disclose	9.09%	3
Other (please specify)	3.03%	1
Total Respondents: 33		

#	OTHER (PLEASE SPECIFY)	DATE
1	Why?	6/22/2022 6:12 PM

Q44 Do you identify as: (check all that apply)

Answered: 32 Skipped: 1



ANSWER CHOICES	RESPONSES	
A person living with a disability	3.13%	1
A person experiencing poverty	0.00%	0
None of the above	96.88%	31
Other (please specify)	0.00%	0
Total Respondents: 32		

#	OTHER (PLEASE SPECIFY)	DATE
	There are no responses.	

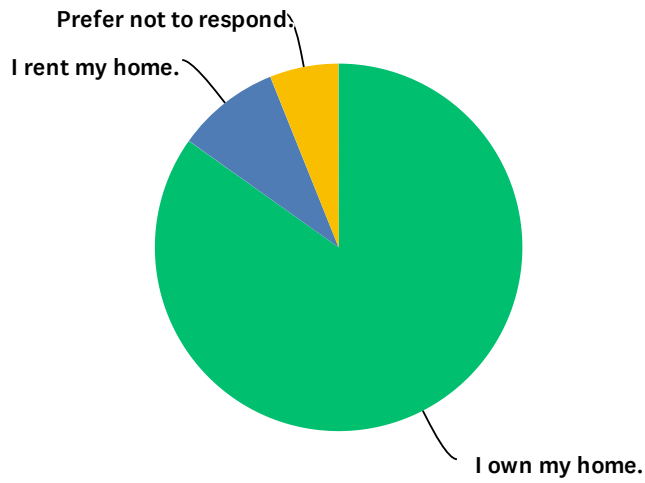
Q45 What is the zip code where you live?

Answered: 33 Skipped: 0

#	RESPONSES	DATE
1	97070	6/29/2022 4:48 PM
2	97062	6/28/2022 4:50 PM
3	97070	6/25/2022 9:09 PM
4	97070	6/23/2022 4:39 PM
5	97070	6/22/2022 6:13 PM
6	97062	6/14/2022 10:15 AM
7	97070	6/12/2022 9:21 AM
8	97070	6/9/2022 8:20 AM
9	97070	6/5/2022 7:56 AM
10	97070	6/4/2022 8:14 PM
11	97070	6/4/2022 6:31 PM
12	97070	6/4/2022 8:11 AM
13	97070	6/3/2022 7:34 PM
14	97070	6/3/2022 6:57 AM
15	97070	6/3/2022 6:53 AM
16	97070	6/2/2022 11:01 PM
17	97070	6/1/2022 8:39 PM
18	97070	6/1/2022 3:52 PM
19	97070	5/30/2022 10:15 PM
20	97070	5/29/2022 5:26 PM
21	97070	5/27/2022 3:33 PM
22	97062	5/27/2022 12:48 PM
23	97070	5/27/2022 11:15 AM
24	97070	5/25/2022 10:31 AM
25	97070	5/24/2022 9:38 AM
26	97070	5/23/2022 5:12 PM
27	97070	5/23/2022 2:52 PM
28	97070	5/23/2022 2:47 PM
29	97070	5/23/2022 2:36 PM
30	97070	5/21/2022 8:33 PM
31	97070	5/17/2022 9:43 AM
32	97062	5/10/2022 8:15 PM
33	97070	5/10/2022 7:34 PM

Q46 Do you own or rent your home?

Answered: 33 Skipped: 0

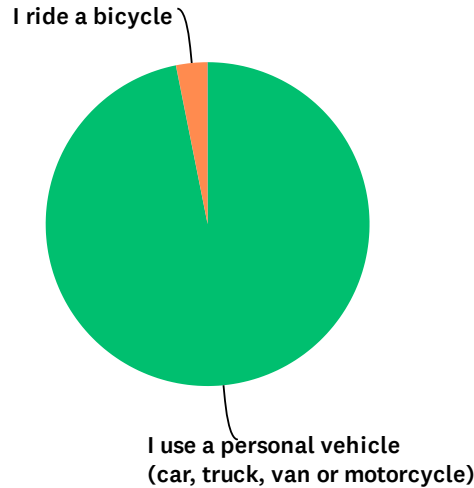


ANSWER CHOICES	RESPONSES	
I own my home.	84.85%	28
I rent my home.	9.09%	3
Prefer not to respond.	6.06%	2
Other (please specify)	0.00%	0
TOTAL		33

#	OTHER (PLEASE SPECIFY)	DATE
	There are no responses.	

Q47 How do you most often travel for routine daily trips (e.g., to work, shopping, medical appointments, etc.)? (check one)

Answered: 32 Skipped: 1

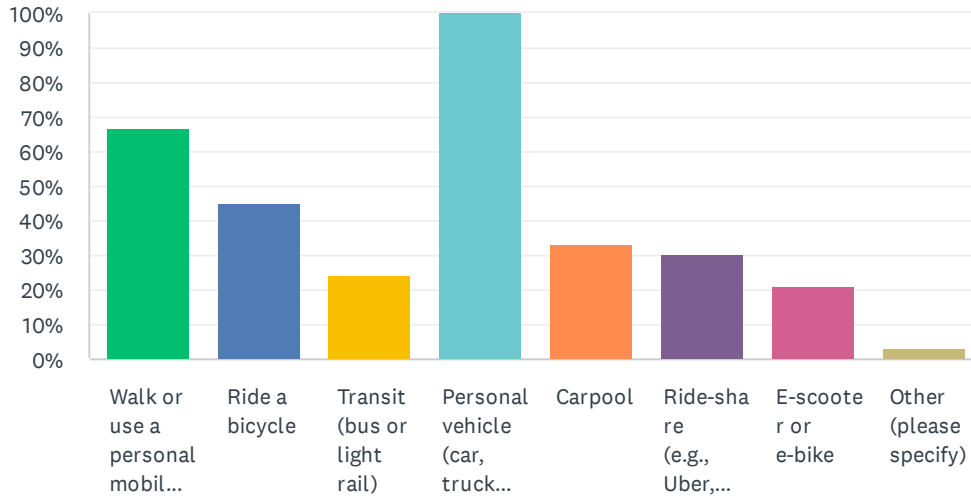


ANSWER CHOICES	RESPONSES	
I use a personal vehicle (car, truck, van or motorcycle)	96.88%	31
I carpool (ride in a personal vehicle with at least one other person)	0.00%	0
I use a ride-share service (like Uber or Lyft)	0.00%	0
I use transit (like a bus or light rail)	0.00%	0
I ride a bicycle	3.13%	1
I walk or use a personal mobility device	0.00%	0
I don't travel	0.00%	0
Other (please specify)	0.00%	0
TOTAL		32

#	OTHER (PLEASE SPECIFY)	DATE
	There are no responses.	

Q48 What types of transportation have you used over the past year? (check all that apply)

Answered: 33 Skipped: 0



ANSWER CHOICES	RESPONSES	
Walk or use a personal mobility device	66.67%	22
Ride a bicycle	45.45%	15
Transit (bus or light rail)	24.24%	8
Personal vehicle (car, truck, van or motorcycle)	100.00%	33
Carpool	33.33%	11
Ride-share (e.g., Uber, Lyft)	30.30%	10
E-scooter or e-bike	21.21%	7
Other (please specify)	3.03%	1
Total Respondents: 33		

#	OTHER (PLEASE SPECIFY)	DATE
1	I am hesitant to use public transportation since we are still in a pandemic, especially since masking requirements have been lifted.	6/3/2022 7:34 PM

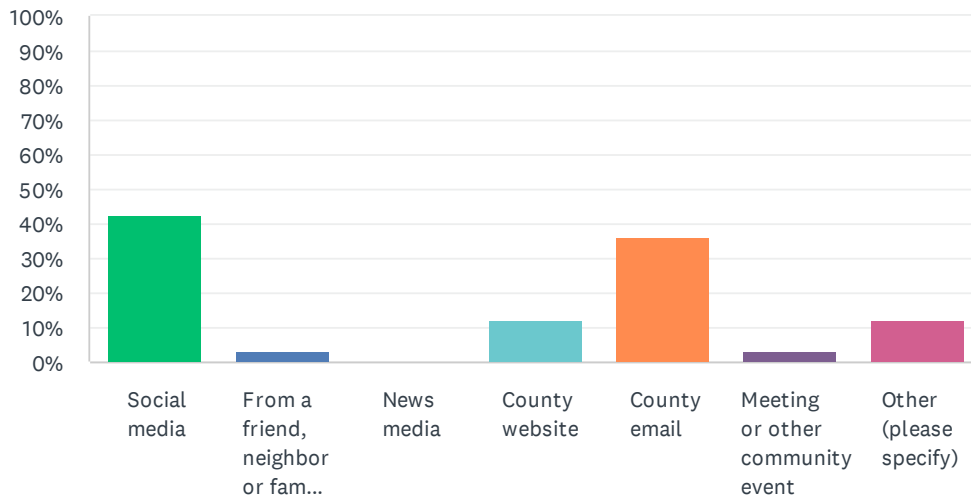
Q49 Please share any other climate action ideas you have that you think we should consider.

Answered: 14 Skipped: 19

#	RESPONSES	DATE
1	Please, please make climate action one of your highest priorities	6/29/2022 4:50 PM
2	Please start investing in rail now, so when more people move and more development is done, we already have infrastructure and don't have so many hindrances. Also, support for regional transit from PDX to SEA to Vancouver via rail to help eliminate more cars off the interstate.	6/25/2022 9:10 PM
3	I think you should be focusing the counties resources on services that will actually make positive impact on residents lives and REDUCE TAXES. This is not in the scope of what government should be doing. We will not see any return on these climate "investments."	6/23/2022 4:43 PM
4	Incentives and assistance with solar panel installation and other ways of being more self sufficient.	6/9/2022 8:21 AM
5	Please, let's do EVERYTHING we can. I didn't see a place to suggest that bike lanes should be more substantial and safe. Let's restrict car access in downtown Portland. We can look to Netherlands for great ideas for bikes. Also, we have solar, but everyone needs solar—let's make it free! And no more natural gas should be allowed in homes or businesses. Thank you for doing this survey.	6/5/2022 7:59 AM
6	Climate change is part of our reality. Earth's cycle. Our responsibility is to reduce the effect.	6/4/2022 8:17 PM
7	Focus groups may provide more useful information compared to multiple choice surveys.	6/4/2022 6:32 PM
8	Use electric mowers and blowers for maintenance.	6/1/2022 8:41 PM
9	Please take it slow and don't rush into climate action. Rational common sense please.	6/1/2022 3:53 PM
10	You should be more concerned with adaptation to a changing climate. By current estimates, society will at best achieve 2.2°C by 2050, well into the zone where severe weather events will show a marked increase.	5/25/2022 10:35 AM
11	Don't use a single dollar of tax payer money for climate change	5/23/2022 5:13 PM
12	So glad our county is considering climate actions. Thank you for prioritizing this! It is tremendously important.	5/23/2022 2:37 PM
13	We need to involve our research universities to come up with regional solutions. Not every case is the same, so we should empower our students to work on this problem. Clackamas county should be the reference for encouraging industry and research to work together on this problem.	5/21/2022 8:36 PM
14	We need more fast, safe, and reliable transit options like light rail expansion.	5/17/2022 9:44 AM

Q50 How did you learn about this survey? (check all that apply)

Answered: 33 Skipped: 0



ANSWER CHOICES	RESPONSES	
Social media	42.42%	14
From a friend, neighbor or family member (in person, phone or online)	3.03%	1
News media	0.00%	0
County website	12.12%	4
County email	36.36%	12
Meeting or other community event	3.03%	1
Other (please specify)	12.12%	4
Total Respondents: 33		

#	OTHER (PLEASE SPECIFY)	DATE
1	MyClackCo Magazine	6/5/2022 7:59 AM
2	Let's Talk Wilsonville	5/30/2022 10:16 PM
3	#MyClackCo Spring 2022 publication	5/29/2022 5:28 PM
4	City email	5/23/2022 2:37 PM