Climate Resilient Burlington Survey Results on Vision, Principles, Climate Impacts and Actions

Oct. 27- Nov. 14, 2021



Table of Contents

Table of Figures	4
Background	5
Section 1: Draft Vision Statement and Principles	6
Q1. Does this statement capture the vision for Climate Resilient Burlington: A Plan for Adapting to Our Warmer, Wetter and Wilder Weather?	6
Q2. If you don't have strong agreement with the vision as stated, do you have any suggested modifications for consideration?	6
Themed Responses	6
Comments around clarity	6
Comments regarding timelines/ambition	7
Comments about "people, nature and business"	7
Comments about what's missing from the vision/improvements	7
Comments too specific for a vision statement	8
Comments about climate change	9
Revised vision for Climate Resilient Burlington	9
Q3. Please rate the importance of each identified principle.	9
Section 2: Climate change impacts and actions for resiliency	11
Q4. How informed are you about how climate change will impact our community (e.g. changes to temperature, precipitation, extreme events, etc.)?	11
Q5. How concerned are you about our changing climate?	12
Q6. How soon do you think we will feel the effects of our changing climate?	12
Q7. Which of the following are you most concerned about experiencing in Burlington ir future? Choose a maximum of three.	
Responses to "other" option	13
Q8. Which of the following have you experienced in Burlington? Check all that apply	13
Responses to "other" option	14
Comments about economic impacts	14
Comments about mental and physical health	14
Comments about invasive species/vectors and their impacts	15
Comments about warmer trends	15
Comments about increased warmer, wetter, wilder trends	15

Comments about climate change	15
Comments about noise and idling	15
Other	15
Q9. Which best describes your household?	16
Q10. What actions will help you to become more resilient to climate change and extremevents?	
Comments related to communications/need for additional information/knowledge	16
Comments related to program needs/subsidies/incentives	18
Comments related to climate adaptation	19
Comments related to trees/greenbelt/vegetation	20
Comments related to both mitigation and adaptation	21
Comments related to climate mitigation/ghg emissions	21
Comments related to regulation	21
Comments related to noise or idling	22
Comments related to affordability	22
Comments related to agriculture/local food	22
Comments related to Halton Region responsibilities	22
Other	23
Section 3: Demographic Questions	24
Q11. What is your postal code?	24
Q12. What is your age range?	26
O13. Which of the following best describes your household income?	26

Table of Figures

Figure 1: Level of agreement with the proposed vision for Climate Resilient Burlington: A Plan for Adapting to Our Warmer, Wetter and Wilder Weather. (150 responses, 2 skipped) 6
Figure 2: Level of agreement with identified principles for the Climate Resilient Burlington plan. (149 responses, 3 skipped)
Figure 3: Level of knowledge about how climate change will impact our community (e.g. changes to temperature, precipitation, extreme weather events, etc.). (151 responses, 1 skipped)
Figure 4: Level of concern about Burlington's changing climate. (152 responses, 0 skipped) 12
Figure 5: When effects of climate change will be felt in Burlington. (152 responses, 0 skipped) 12
Figure 6: Future climate change impacts of concern in Burlington. (27 responses, 125 skipped)13
Figure 7: Impacts residents have experienced in Burlington. (124 responses, 28 skipped) 14
Figure 8: Some indicators of climate change preparedness. (152 responses, 0 skipped) 16
Figure 9: Age range of respondents. (151 responses, 1 skipped)26
Figure 10: Total household income of respondents. (149 responses, 3 skipped)

Background

The City of Burlington is developing Climate Resilient Burlington: A Plan for Adapting to Our Warmer, Wetter and Wilder Weather. Staff and community stakeholder teams are being engaged extensively throughout the development of the plan.

To date, the broader community was informed in the following ways:

- March 2021 A <u>staff report</u> was <u>presented</u> to Council introducing the project including <u>local climate projections</u>, <u>infographics</u>, a <u>story map</u> and the process for the project
- Oct. 27, 2021 The public project launch included:
 - A high-level presentation by staff about the project;
 - Keynote speaker David Phillips, Senior Climatologist, Environment and Climate Change Canada who presented "Weather and Climate: It's Now What Our Grandparents Knew" and answered audience questions;
 - The launch of a community survey; and
 - The promotion of the project page <u>getinvolvedburlington.ca/crb</u> where all matters related to the project are posted.

This document provides a summary of a community survey about the proposed vision and principles related to the Climate Resilient Burlington plan as well as questions related to climate change impacts and climate and actions for resiliency. The survey was posted between Oct. 27 and Nov. 14, 2021 at getinvolvedburlington.ca/crb. A total of 152 surveys were completed.

Section 1: Draft Vision Statement and Principles

The purpose of the questions in this section of the survey was to gather feedback about the proposed vision statement and principles.

Original vision statement: By working together, Burlington will become a low carbon and climate resilient community where people, nature and business thrive.

Q1. Does this statement capture the vision for Climate Resilient Burlington: A Plan for Adapting to Our Warmer, Wetter and Wilder Weather?

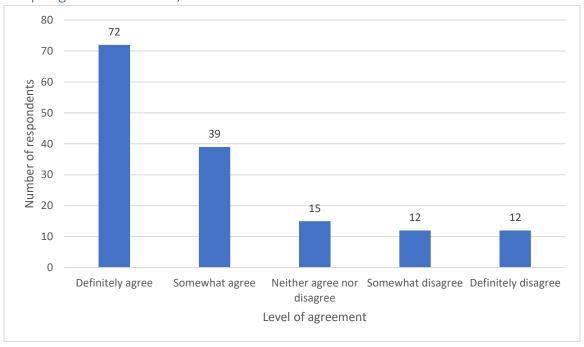


Figure 1: Level of agreement with the proposed vision for Climate Resilient Burlington: A Plan for Adapting to Our Warmer, Wetter and Wilder Weather. (150 responses, 2 skipped)

Q2. If you don't have strong agreement with the vision as stated, do you have any suggested modifications for consideration?

Themed Responses

Comments around clarity

- Perhaps a bit more clarity around what functions need to be resilient or adapted. Infrastructure and the service and support ecosystem?
- Adapting? What do you mean?
- Doesn't really explain what 'climate resilient' means or how we know when we are resilient. Is it just keep on carry on?
- Climate resilient is an illogical phrase.

- "Warmer, Wetter and Wilder" makes climate change sound like a day at the beach.

 Additionally, why plan for 2050+ if you don't have a plan for today? Lastly, get clearer about what "pathways" means; don't boil the ocean.
- More inspiring to speak more to the positive (clean energy use) vs the removal of a negative (low carbon). What are we moving towards not away from?
- Low carbon seems to be scientifically inaccurate "low GHG emitting" might be more all-encompassing.
- I don't know what 'low carbon' means, whose definition of low is being used?
- Adapting may seem reactive rather than proactive.

Comments regarding timelines/ambition

- Working together to what end? A vision needs a clear challenging outcome..." Get to the moon by end of the decade" JFK.
- It just seems too generic, too general, lacks something that grabs/inspires.
- The City needs to make a more urgent adaptation to planning decisions that are made today which will have impacts for the next 60 years and beyond.
- Goal of 2051 2080 is too slow.
- Timelines are inadequate, they need to be more aggressive.
- This isn't even enough to be boiler plate statement. The statement should include a clear target and timeframe which, without context, would still be a brush stroke.
- My concern is that the opinions offered here by the committee making the decisions and the comments from the survey are speaking too far ahead. Let's just consider for the next 10 yrs. Too much changes will occur during this time and the proposed time!
- The vision needs to address current issues until carbon neutrality on 2050.
- Prefer that Burlington becomes a net zero carbon city.
- Low carbon to net zero?
- Low carbon not enough in longer term by 2030 need to be <50% of 2010 CO2 emissions level & by 2050 a zero-carbon city.
- Reaching net zero before 2050.
- Should be zero carbon.

Comments about "people, nature and business" (taken from the Burlington Strategic Plan 2015-2040)

- I would also order "nature" before "people."
- I don't love the last part. Nature can't thrive in a city and business should serve people. Thematically it's good enough for a vision statement I suppose.
- I like the ending where people, nature and business(es) thrive.

Comments about what's missing from the vision/improvements

- I'd like to see something regarding Burlington taking the lead.
- Lead by example, take action.

- With strong government, business and community action, Burlington will become a no carbon and climate resilient thriving community.
- Sounds good but action talks.
- Although I agree with the statement, it reads as if it's just another platitude or political statement with no definitive action plan behind it. It gives me no confidence that there is either planned or intended actions in the works.
- While the statement sounds great, it does not match the actions and the plans of the city. If the actions of the city were more ambitious and matched the goal of low carbon, then I would strongly agree.
- May replace "by working together" with "By taking meaningful action and working together" and would add a comma after nature.
- Including something more actionable versus "working together". What does that mean or look like?
- Add more detail to the phrase "by working together."
- The "working together" phrase is non-specific. We will only be successful if the municipal governments work in tandem with the population, the provincial and the federal governments.
- By "who" working together.... might want to be more specific.
- Working together to what end? (part of a further comment re JFK)
- Give an idea how.
- The word resilient is a hiccup for me. It seems to be in conflict with thriving maybe we want to be climate respectful or climate caring or climate conscious.
- Instead of 'climate resilient community', a 'community focused on adapting and preparing for future climate change'
- A plan for adapting to our changing climate.
- It should mention agriculture as it also needs to thrive.
- Should be "Burlington will continue to be a low carbon and climate resilient community where people, nature and business thrive.
- I agree with the original statement; however, I think that by 2051- 2080 the statement should not say "will become" but instead, it should state that Burlington IS a low carbon and climate resilient community....
- I'd like you to add the word ecosystem or watershed. Just 'nature' isn't enough. Please specify more commitment to preserving greenspace or the watershed etc.

Comments too specific for a vision statement

- How come the city isn't talking about making lawns better for the environment? They make up a huge quantity of land, yet we still treat them as an ornament. Monocropping, chemical fertilizers, over cutting which leads to high water use.
- Cut congestion of hi-rise buildings in such close parameters to each other.
- Include vision of cost to actions... taxpayers cost?
- Until I read more about the overall plan and costs I cannot offer an opinion.

Comments about climate change

- Please quit it with the self-loathing "Climate Change" (Global Warming) religion.
- Yes, I am curious how you justify the money spent on something that does not exist in this country.
- Spending tax dollars on climate that changes naturally will never be able to change climate.
- Burlington is not the problem. To fix a problem you have to fix the major root causes.

Revised vision for Climate Resilient Burlington

The majority of respondents were in support of the vision statement, which is a statement of the desired future state, in this case 2051-2080, also referred to as 'the 2060s.' It should be noted though that the plan itself will incorporate actions for the next 10 years as a stepping stone to achieve the future vision. Based on the feedback received, the vision statement was modified to:

- Through collective action, Burlington is a net zero carbon community and is prepared for warmer, wetter and wilder weather.

Q3. Please rate the importance of each identified principle.

- Community members are supported and empowered to take personal responsibility in preparing for future climate conditions inclusive of all age groups, cultures and income levels.
- 2. City decision-making on climate action is equitable, transparent and is able to pivot to leverage emerging opportunities.
- 3. The community works together and invests in proactive measures to reduce damages and impacts from future extreme weather events.
- 4. The City recognizes synergies by coordinating programs and tools for climate action.
- Council decisions, City processes and investments support climate-minded innovation.
- 6. The City is accountable for increasing resilience by measuring and reporting progress on climate action.

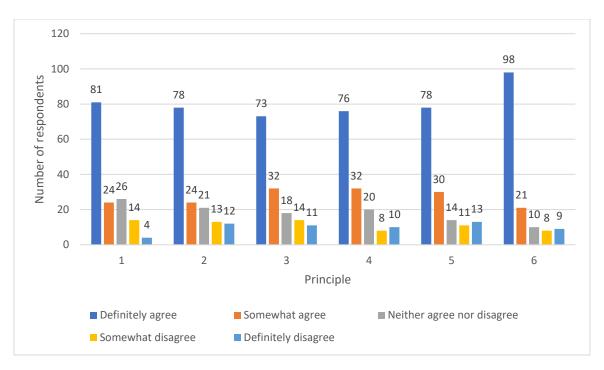


Figure 2: Level of agreement with identified principles for the Climate Resilient Burlington plan. (149 responses, 3 skipped)

Section 2: Climate change impacts and actions for resiliency

The questions in this section helped to identify:

- How informed respondents are to the impacts of climate change locally
- How concerned respondents are to our changing climate locally
- When respondents think the impacts of climate change will be felt locally
- Respondents level of concern about identified future climate change impacts locally
- Respondents previous experience with identified climate change impacts in Burlington
- Respondents level of preparedness
- Actions to help the community to become more resilient to climate change and extreme weather (open ended question)

Q4. How informed are you about how climate change will impact our community (e.g. changes to temperature, precipitation, extreme events, etc.)?

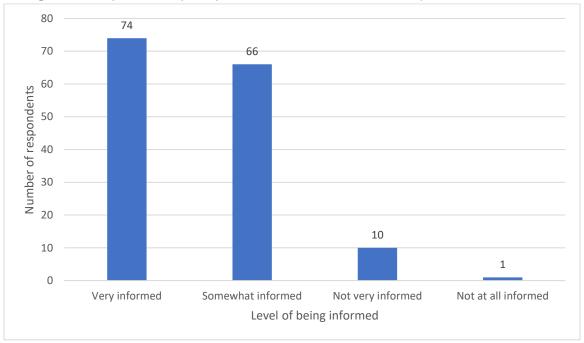


Figure 3: Level of knowledge about how climate change will impact our community (e.g. changes to temperature, precipitation, extreme weather events, etc.). (151 responses, 1 skipped)

Q5. How concerned are you about our changing climate?

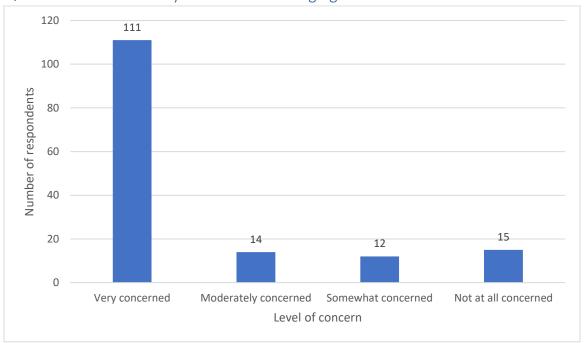


Figure 4: Level of concern about Burlington's changing climate. (152 responses, 0 skipped)

Q6. How soon do you think we will feel the effects of our changing climate?

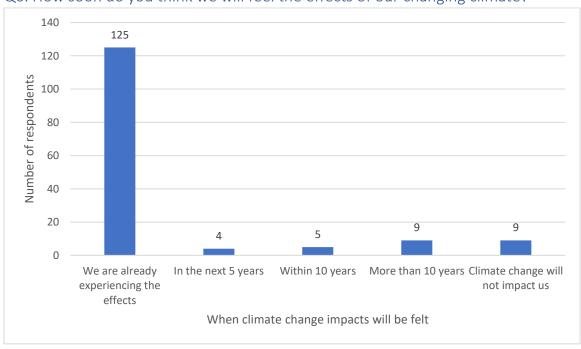


Figure 5: When effects of climate change will be felt in Burlington. (152 responses, 0 skipped)

Q7. Which of the following are you most concerned about experiencing in Burlington in the future? Choose a maximum of three.

o Damage to agricultural fields/crops due to extreme weather events

- Flooding/seepage of water on my property or in my home from extreme rainfall
- Power outages lasting more than 24 hours
- Property damage from high winds
- o Property damage from freezing rain
- Reduced outdoor recreation activities (ice skating, toboggining)
- Stress on trees or plants in my neighbourhood due to weather (extreme heat, freezing rain, wind)
- o Uncomfortably hot temperatures in my home during the summer months
- Heavy snow (lake effect snow) (none of the respondents selected this)
- Health impacts (e.g. Lyme disease, extreme heat, mental health impacts from storm damages, etc.)
- I am not concerned
- o Other

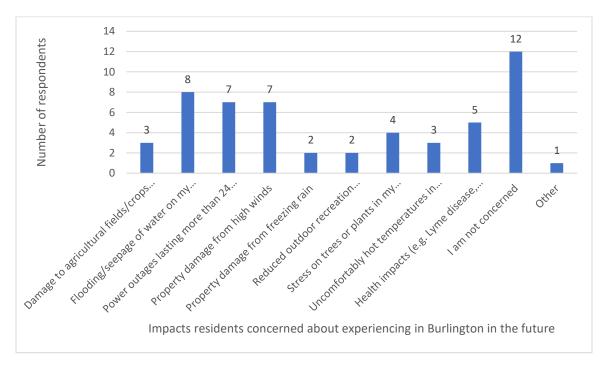


Figure 6: Future climate change impacts of concern in Burlington. (27 responses, 125 skipped)

Responses to "other" option

Effects on the lake due to rising temperatures ex. more algae, bacterial levels, wildlife impacts.

Q8. Which of the following have you experienced in Burlington? Check all that apply.

- o Damage to agricultural fields/crops due to extreme weather events
- Flooding/seepage of water on my property or in my home from extreme rainfall
- Power outages lasting more than 24 hours
- Property damage from high winds

- Property damage from freezing rain
- Reduced outdoor recreation activities (ice skating, toboggining)
- Stress on trees or plants in my neighbourhood due to weather (extreme heat, freezing rain, wind)
- Uncomfortably hot temperatures in my home during the summer months
- Heavy snow (lake effect snow)
- Health impacts (e.g. Lyme disease, extreme heat, mental health impacts from storm damages, etc.)
- Other

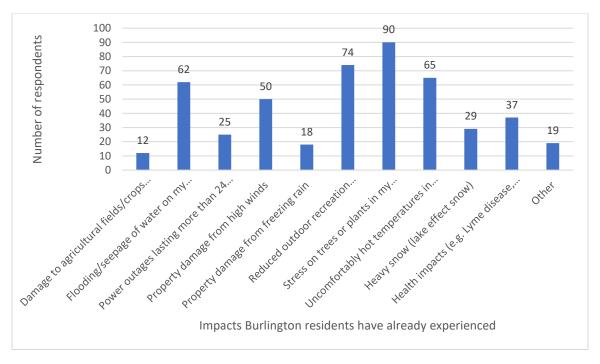


Figure 7: Impacts residents have experienced in Burlington. (124 responses, 28 skipped)

Responses to "other" option

Comments about economic impacts

Associated economic impacts. Extreme weather events have a massive cost, such as
flooding, extreme heat or cold, loss of crops, personal injury and deaths. Economic
impacts of these changes are staggering, and society must collectively listen to subject
matter-experts and take action. There's no doubt that higher taxes will be needed to
combat climate change, however if we do nothing, the costs will be even higher to fight
it.

Comments about mental and physical health

- As a younger senior I am unable to enjoy my back yard much of the past several summers, it is either to humid, I call it HHH weather, hot, hazy and too humid. This is even with our beautiful tree. I want to pave a section at the side of our home next year

where I may be able to enjoy reading outside. Fingers crossed -- our yard was too wet this year also, even with good drainage and sloping yard. This is not good for my mental or physical health. My garden is growing great!

Comments about invasive species/vectors and their impacts

- Drought. New invasive plant and animal species migrating north
- Insect populations are able to spread northward and cause damage to flora and fauna. Other insect borne diseases are having an effect on humans (West Nile, Lyme disease)
- Increase in prevalence of invasive species-insect and plant
- Increase in infestations from pests not normally found in Burlington
- Mosquitos lingering around (and biting) into October in 2021 -- unheard of in prior years. They're usually gone by early September. Leaf fall seems to be getting later each year, creating issues with leaf collection before the snow starts to fall.
- Biodiversity loss

Comments about warmer trends

- Warming year round with mild and shorter winters, and dangerous summers
- Slight moderate temps when it's usually colder and vice versa
- Shortening of the cold season and extension of the warm season.
- Many gruelling days working outdoors at work in >30C heat this summer.

Comments about increased warmer, wetter, wilder trends

- Very very windy. Lots of rainfall in short amounts of time. Extreme temp shifts.

Comments about climate change

- Nothing unusual, compared to the last 100 years or more of records.
- While we have observed most of the above we are not hugely different from historical norms in Burlington.
- All of the above events have been occurring for many decades. Impacts are cyclical. Must concentrate on any events that are recurring annually.

Comments about noise and idling

- Noise and idling problems
- Nausea and headaches from vehicle emissions from excessive cars on the road and idling.
- Increasing noise pollution from QEW., Highway/Regional Road 5 and Brant St. More traffic, more carbon emissions, more air pollution...

Other

Moved here last year, this response includes things I've experienced in Mississauga

Q9. Which best describes your household?

- I know my neighbours and I am comfortable asking them for help (e.g. borrowing a cup
 of sugar, watering my plants when I am away, etc.)
- o I grow some of my own food at home or in a community garden
- o I have an emergency kit which can be used for extreme weather events, including three days' worth of food and water
- My home stays cool on hot summer days and/or I have air conditioning for cooling
- My home/building is landscaped with drought resistant plants and free of invasive species
- My home/building is primarily landscaped with permeable surfaces to help rainwater infiltrate into the ground
- I collect rainwater and use it for irrigation
- My living space and valuables are not located in areas at risk of flooding (i.e. my house is outside of the floodplain or my valuables are at sufficient elevations to stay dry)

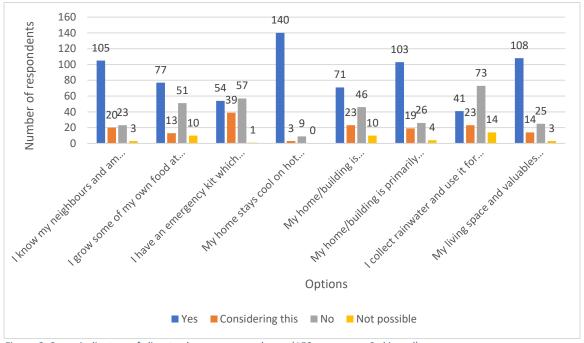


Figure 8: Some indicators of climate change preparedness. (152 responses, 0 skipped)

Q10. What actions will help you to become more resilient to climate change and extreme events?

Comments related to communications/need for additional information/knowledge

- Knowing what strategies the city has regarding major flooding events. If I have to leave my home, where do I go?
- Provide a checklist of things to do to adapt our home to climate extremes
- Being educated on climate change and taking actions on my gaps

- It is so important that the City of Burlington develops an adaptation plan so that it is easily accessible via their website.
- The City educating the public more -- such as the free webinar I watched yesterday (reference to Oct. 27, 2021 CRB public launch event). David's presentation was amazing by the way!!! (Re David Phillips "Weather and Climate: It's Not What Our Grandparents Knew.") However, it needs more and other means of advertisements to reach all Burlington residents. Perhaps the City should consider investing on a digital sign at City Hall (On Brant St.) to advertise upcoming community webinars events, etc.
- Comment...so far much of City onus appears to be on citizens. What will City do...electric buses and service vehicles, green building standards, more tree canopy, "green gravel" (aggregate) procurement, no more urban sprawl and power centre shopping malls, etc.
- Not sure
- There is nothing we can do against extreme weather events as you now call them.

 They've been around for millions of years. What was not around all this time were the 9 billion people and all the buildings they have constructed
- Options to get rid of my car. Energy savings options for condos
- Actions endorsed and supported by the City of Burlington; including being a source/resource for the supplies needed by homeowners to put the action into practice
- Education pamphlets shared on Get Involved Burlington
- More information on the kind of materials needed in a safety box. How much food, water, etc.?
- Staying informed. Being proactive
- Information from city, research
- I don't know. I'm looking for subject matter experts to offer suggestions. We must do it together.
- Continued awareness
- Any of my actions are minimal compared to those required by governments at all levels
- It is going to get worse, so I am just living with it. People don't seem to care in this city about climate change
- We live in a condo, and wonder if the Board of Directors have been made aware of these possible actions that can be taken? Will the City give Condo Boards, Rental appts and isolated people (those out in the less populated areas the appropriate information so they can be better prepared? Ie. having a backup generator, sump pump availability and a network of contacts in case of emergencies. I am also interested in what kind of relationship is being made between the City and the School system... are they teaching students about this and are the schools themselves prepared?
- Keeping informed will help
- Being informed and or warned of any serious event earlier
- Difficult to define as I live in a Geothermal building with solar panels.
- More information and ideas how to improve on the subject at hand
- No idea

- Awareness campaigns information (e.g., invasive species). Adaptation programs through the city
- Become more informed
- Don't know at this time
- More public awareness about helping keep storm water catch basins free of leaf and other debris near your property (i.e., help do your part).

Comments related to program needs/subsidies/incentives

- City should provide guidance, reminders and incentives to residents to take action on the individual level, but it must be coordinated and planned through municipal, provincial and federal channels. More rebates for things that we know work - solar panels, electric cars, home retrofits, uptake of transit, carbon pricing, etc. Systems-level approaches, not for the individual (although of course individuals should and can take action).
- Improved public transit, monetary incentives to lessen CO₂ emissions (e-car, solar panels), more trees to help cool streets, parking areas.
- Subsidy programs to improve home heating/cooling, incentives to reduce water run off areas, incentive for natural/indigenous plants, changes to bylaws to support natural environments.
- Incentive for home inspections related to drainage on individual home properties. I have
 had properties where the builders built without consideration of grading changes and
 the impacts resulting in a flood prone property. Additionally, neighbours who do not
 clear their gutters resulted in flooding basement. I feel that a lot of the infill building
 requires strict inspection to ensure grading changes respect surrounding properties
- Not sure what else I can do personally looking for guidance and incentives from various levels of government
- Incentives and workshops for home renovation solutions to make my house more energy efficient, permeable materials for driveways/patios, access to community gardens, SAFER CYCLING ROUTES (in particular along Appleby Line to the GO station, so I don't need to drive there).
- Government subsidizing home upgrades and improvements, improved bus service and better bicycle network throughout the city (think dedicated, separated lanes to improve safety for cyclists), government regulation to stop businesses in Burlington from being emitters, incentivizing businesses and development to make eco-friendly improvements (ie: solar panels, etc.)
- Programs for replacing hard surface driveways with permeable options. Solar panel program. More rain barrel sales. Stop city leaf collection. Education to promote natural landscaping, leaf mulching, native tree use for street plantings
- Climate jobs installation/maintenance of solar/wind/battery, research into climate technologies, financing local climate startups or incentivizing climate tech to create local HQs.

- Assistance from City Hall to decrease reliance on fossil fuels through matters such as waiving permits and permit fees for transitioning from gas or oil furnaces to heat pumps, educational and resource materials online, better public transit, more bike routes
- More interested in what actions the city will take? We have NO incentives for solar panels or electric vehicles, etc. Please don't use the 'Premiere' excuse.

Comments related to climate adaptation

- Seeing examples of City led actions like using bioswales, controlling invasive species and managing City woodlots to improve forest health
- Better roadway and storm drain design which can remove rainwater and use it for cooling. Underground utilities to protect them from weather.
- We will be installing a gas fireplace that is able to keep us warm if power goes out -- I will continue to try and keep our emergency kit up to date, we may need it for our daughter's family as well in an emergency -- 6 people and a dog
- Being in a city that has prepared itself for high precipitation events, has a robust hydro system and has increased its tree cover, natural spaces and mitigation against noise.
- More focused on actions to reduce emissions, but changing climate is a reality. Pay close attention to protecting my home from impact of storms, drought, etc, and doing repairs more promptly. Try to devote more time to taking care of soil and gardens. Avoid putting pesticides or other toxins on land that may be needed in future to provide food for my family. Learn how to make compost work and how to start garden from seeds. Maybe raise some chickens if things get worse. And get used to the fact that climate change will have effects that require more maintenance costs plus more tax dollars to maintain a thriving community and its physical assets. Build stronger connections with the neighbours and don't be too proud to ask for help if needed
- Having an emergency kits for 3 days' worth of food and water. Collecting rainwater for irrigation
- Home improvements windows specifically. Considering growing some of our own food. Collecting rain water for irrigation
- Adding more rain barrels and drought-tolerant plants; improving insulation; changing to solar hot water and a heat pump
- Looking into solar/wind as backup power source. Roof rework this summer included two Solar heat extraction fans. Landscaped my property to pull water away from foundation. Looking into adding a drain backwater valve
- Maintaining tree canopy around home -flood protection measures on property
- The committee understands the cycle of weather that we all experience for over 25 yrs. Invest in proper drainage throughout the city, replenish trees with the right ones that withstand weather conditions and not placed in residential areas that affect above ground hydro and overall growth that creates hazards to houses etc. Invest in prevention versus making the city pretty.

- Food and water supply in the event of an extreme event
- Having an emergency plan and kit
- Adapting to change
- Improved HVAC system. Adapting outdoor recreation to climate e.g. instead of skating fat/gravel biking through winter.
- Upgraded windows, shades that keep out the cold in winter and the heat in summer.
 We have very wet areas in our backyard-we have installed a French drain, bog garden (great for birds bathing & drinking). We have lots of plants/trees with deep roots to control erosion. Ensuring the areas outside our doors are slanted away from the house for better drainage.
- Looking at a home inspection, removing trees close to the home due to structural damage, thinking about ways to prevent flooding towards our home (we are on a downward slope from our neighbours).
- Less overly tall buildings creating wind tunnel effects. Continue downspout disconnection initiative from older homes to reduce clean water going into wastewater system unnecessarily (make mandatory), thus also reducing risk of untreated sewage (and plastic) overflows into Lake Ontario from the treatment plants. City, along with community partners and residents, checks storm drains outlets and creeks regularly and cleans/reports any drainage obstructions, so we are always ready for that big storm event. Less non-porous paved lots. More trees.

Comments related to trees/greenbelt/vegetation

- Planting more trees
- Maintenance of tree canopy. Urgent tree planting efforts throughout the city are required, especially in areas where high rise developments have had a devastating impact on mature trees
- Adding more trees to our property.
- Making sure my soil is healthy with lots of microorganisms. I recommend watching the documentary Kiss the Ground on Netflix if you haven't seen it
- Continuing to plant more trees on our property and advocating for the preservation and planting of trees
- Having confidence that the green belt areas will be protected and maintained.
- Keeping natural ground cover for absorption of water and availability of earths healthy magnetic force, rather than the up and coming solid asphalt and concrete everywhere
- I have an invasive Norway Maple in my backyard that I am assuming the subdivision builder put in here which are known to take up lots of nutrients and water and Toronto has banned them. I would love to remove it but it's on my property and likely would have to pay when I would rather have a local tree back here. I also live on the Hydro line and there are no trees for shade or to reduce wind speeds so it's hot and windy back there or freezing cold and windy back there and when we have those massive rainstorms the entire area floods because there is nothing there to soak up the water

- We will continue to plant trees on our property. This year we planted 3 varieties, in total 17 trees
- City must replace tree they cut down
- Push for Burlington to plant more trees to replace trees that were cut down by the city e.g. Amherst heights park etc.
- Adding more trees to our property, which we're in the process of doing. For the city to maintain and grow the urban forest; this will have a collectively beneficial effect.

Comments related to both mitigation and adaptation

- My husband and I built a new home with geothermal heating, a heat exchange hot water tank, 10 kW solar on the roof and a solar water heating system for the pool. We put higher grade windows for extra thermal barrier, and as much insulation as we could fit in the house. We hired an Energy Consultant and worked with them throughout the build. We did everything we could think of to make a climate change resilient home.
- Possible better grade windows.
- Use resources wisely, seal around windows and doors, increase insulation.
- I advocate for actions within our neighbourhood to help mitigate the effects of climate change, such as adding more trees for stormwater absorption, to capture carbon and produce oxygen; minimize the number of driving trips, i.e. try to time errands together to reduce car emissions. Would prefer to support more domestically made products helps reduce overall carbon footprint

Comments related to climate mitigation/GHG emissions

- Getting off fossil fuels
- Less high-density housing in downtown core = reduced traffic
- Buy Hydrogen Fuel Cell Buses
- More worried about government action to combat climate change being out of sync with reality i.e. running out of energy before renewables reliably in place. May get capability to go off grid in case. Burlington Hydro should develop some local green power
- Choose low emissions for transportation. Share yard equipment.
- Conservation low carbon footprint
- Reduce use of electricity, unnecessary transportation and consumption of disposable items such as clothing, excessive consumption
- Creating urban centres increase bike lanes, amenities, resources, and density in urban centres so people don't have to travel as far for everything they need.

Comments related to regulation

- Landlords to supply a/c (air conditioning) to all buildings
- I'm looking for government leadership to establish bylaws and edicts. Fighting climate change cannot be a voluntary initiative. We must do it together.

- Restricting size of concrete surfaces on private and public property, require each property a certain percent permeable land surface wherever suitable
- Fight the LPAT decisions for high-rise development that goes above heights/stories on the Official Plan. STOP the developers from submitting these over height plans. STOP the developers from cutting down old growth trees. PERIOD! Mandate that they incorporate the trees in their plans!
- City must force Bell to bury cables strung from and around my house.
- Trying to plant trees but so far all die due to flooding from adjacent neighours; current bylaws require buffer zone which limits ability to plant more native species that tolerate and mitigate seasonal wet meadow conditions
- Home insurance plans that are transparent about coverage for seepage, flooding, wind damage etc.
- Limited by condo living rules...not allowed solar panels or small wind turbines, or porous driveways. We did plant a number of drought resistant "native" trees and keeping large multi acre natural green space. We have set back / set up thermostat, added more insulation. Will buy electric vehicle.

Comments related to noise or idling

- Install "No-Idling" signs on every street that allows parking. Too much idling here, especially of heavy-duty vehicles, and no one is aware of the impact on environment and people's health. City needs to do this. Also, more bike lanes to help make cycling safer and more electric vehicle charging stations

Comments related to affordability

- Access to affordable maintenance programs
- Reliable AC unit, reliable source of potable water. Both of us are disabled, getting snow cleared is impossible and cannot afford a service (low income)
- More reliable power sources, we have considered installing solar panels, but it is currently out of budget.

Comments related to agriculture/local food

- More urban farming to reduce dependence on supply chains and increase connection to community.
- Also investing more in locally grown produce could help encourage biodiversity in local farms and reduce food miles.
- Being allowed to have backyard chickens. More growing space for vegetables. It takes a lot of room to grow enough food for a family

Comments related to Halton Region responsibilities

- More opportunities for waste reduction supported by the City (mandate the end to single use plastics in the City, enhanced recycling programs)
- Better recycling management by the companies who handle trash and recycling. Too many loads of recycling end up in the landfill

Other

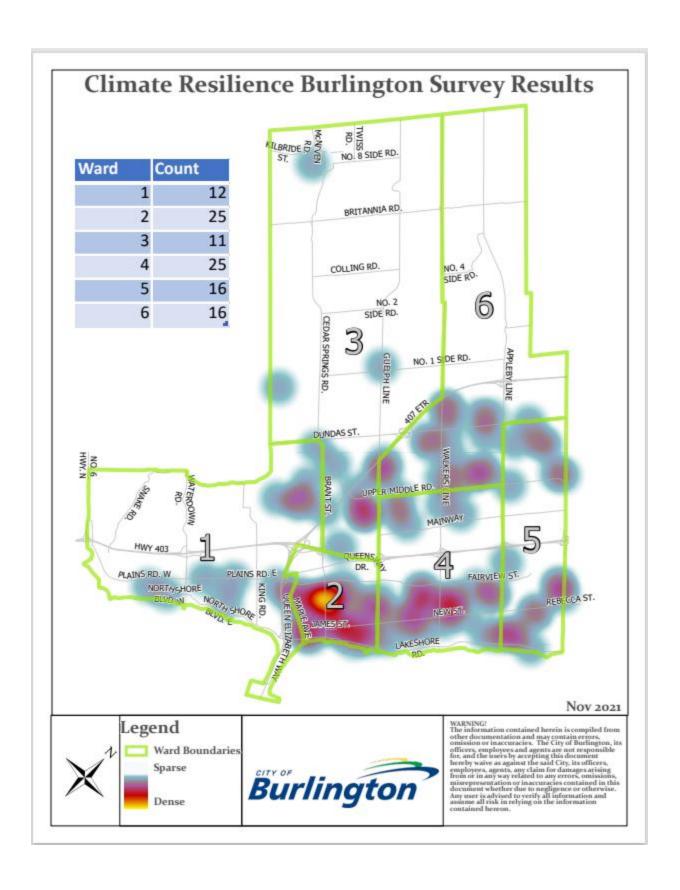
- Being more sustainable and trying to become a better person to help the environment
- City to ensure infrastructure is well maintained
- Just using common sense on weather cycles and opinions!
- I don't buy into all the fear mongering
- Don't like floods? Don't live on a floodplain. Spending our Tax dollars will not change climate, but it will definitely destroy the livelihoods of many!
- Definitely not higher taxes
- Reduce taxes so communities can buy what they actually need instead of you making assumptions and wasting our money
- No actions are needed
- Critical thinking

Section 3: Demographic Questions

This section asks questions about respondents' location (via postal code), their age range and their household income.

Q11. What is your postal code?

Of the 152 survey respondents, 105 provided their postal code. Below is a 'heat map' showing where identified postal codes are located.



Q12. What is your age range?

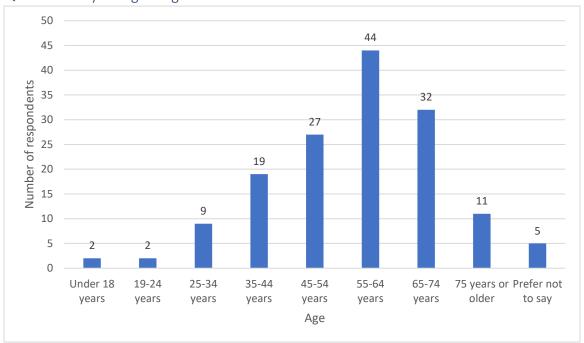


Figure 9: Age range of respondents. (151 responses, 1 skipped)

Q13. Which of the following best describes your household income?

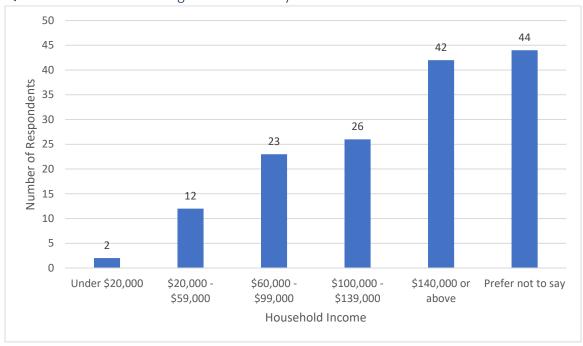


Figure 10: Total household income of respondents. (149 responses, 3 skipped)