



AGENDA
BIRMINGHAM AD HOC ENVIRONMENTAL SUSTAINABILITY COMMITTEE
MONDAY AUGUST 21st, 2023
BIRMINGHAM CITY HALL, 151 MARTIN ST, CONFERENCE ROOM 202, 203 BIRMINGHAM MI *
******* 6:00 PM*******

The City recommends members of the public wear a mask if they have been exposed to COVID-19 or have a respiratory illness. City staff, City Commission and all board and committee members must wear a mask if they have been exposed to COVID-19 or actively have a respiratory illness. The City continues to provide KN-95 respirators and triple layered masks for attendees.

- 1) **Call to Order**
- 2) **Roll Call**
- 3) **Review of the Agenda**
- 4) **Approval of the AHESC Minutes of [May 15, 2023](#), [June 12, 2023](#)**
- 5) **Study Session**
 - A. [GHGI Data Examples](#)
 - B. [SCAP Additional Data Sources](#)
 - C. [Project Timeline](#)
 - D. [Community Engagement](#)
 1. [Interim Survey Summary](#)
 2. [Farmer's Market, August 27th, 9am-2pm](#)
- 6) **Open to the Public for Items Not on the Agenda**
- 7) **Miscellaneous Communications**
- 8) **Draft Agenda – [September 25th, 2023 @ BPL](#)**
- 9) **Adjournment**

Future Meeting Dates:

Monday, September 25th at 6 p.m.
Monday, October 16th at 6 p.m.

Monday, November 20th at 6 p.m.
Monday, December 11th at 6 p.m.

*Please note that board meetings will be conducted in person once again. Members of the public can attend in person at Birmingham City Hall, 151 Martin St., or may attend virtually at:

Link to Access Virtual Meeting: <https://bhamgov-org.zoom.us/j/87587439403>

Telephone Meeting Access: 877 853 5247 US Toll-free

Meeting ID Code: 875 8743 9403

Notice: Individuals requiring accommodations, such as interpreter services for effective participation in this meeting should contact the City Clerk's Office at [\(248\) 530-1880](tel:2485301880) at least on day in advance of the public meeting.

Las personas que requieren alojamiento, tales como servicios de interpretación, la participación efectiva en esta reunión deben ponerse en contacto con la Oficina del Secretario Municipal al [\(248\) 530-1880](tel:2485301880) por lo menos el día antes de la reunión pública. (Title VI of the Civil Rights Act of 1964).

A PERSON DESIGNATED WITH THE AUTHORITY TO MAKE DECISIONS MUST BE PRESENT AT THE MEETING.

City Of Birmingham
Regular Meeting Of The Ad Hoc Environmental Sustainability Committee
Monday, May 15, 2023
Conference Rooms 202 & 203
151 Martin Street, Birmingham, Michigan

Minutes of the regular meeting of the City of Birmingham Planning Board held on May 15, 2023.
The meeting was convened at 6:00 p.m.

1) Roll Call

Present: Lois DeBacker, Lara Edwards, Rachna Gulati, Debra Horner, Joe Mercurio, Jess Newman, Danielle Todd, Dani Torcolacci

Absent: Harvey Bell

Staff: City Planner Blizinski; City Engineer Coatta, Planning Director Dupuis, Assistant City Manager Fairbairn, Department of Public Services Director Zielinski

3) Review of the Agenda

4) Introductions

The AHESC members and Staff provided brief personal introductions.

A. Chairperson & Vice Chairperson Elections

Motion by Ms. Horner

Seconded by Mr. Mercurio for Ms. Horner to serve as Vice Chair of the AHESC.

Motion carried, 8-0

VOICE VOTE

Yeas: DeBacker, Edwards, Gulati, Horner, Mercurio, Newman, Todd, Torcolacci

Nays: None

Motion by Ms. Newman

Seconded by Ms. Edwards for Ms. Newman to serve as Chair of the AHESC.

Motion carried, 8-0

VOICE VOTE

Yeas: DeBacker, Edwards, Gulati, Horner, Mercurio, Newman, Todd, Torcolacci

Nays: None

5) Study Session

CP Blizinski introduced the study session items. Staff answered informational questions from AHESC members.

AHESC members provided preliminary comments on how the AHESC could approach clarifying the City's sustainability needs and goals.

A member of the public provided brief comments on the evening's discussion.

- A. Greenhouse Gas Emissions Inventory**
- B. Sustainability and Climate Action Plan**

6) Open to the Public for Items Not on the Agenda

7) Miscellaneous Communications

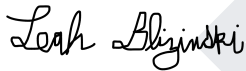
PD Dupuis summarized key points from the miscellaneous communications. Staff answered informational questions from the AHESC.

- A. Welcome Packet**
- B. City Commission Enabling Resolution & Report**
- C. Roberts Rules Cheat Sheet**

8) Draft Agenda – June 12th, 2023

9) Adjournment

No further business being evident, the meeting was adjourned at 7:35 p.m.



Leah Blizinski, City Planner



Laura Eichenhorn, City Transcriptionist

City Of Birmingham
Regular Meeting Of The Ad Hoc Environmental Sustainability Committee
Monday, June 12, 2023
Conference Rooms 202 & 203
151 Martin Street, Birmingham, Michigan

Minutes of the regular meeting of the City of Birmingham Planning Board held on June 12, 2023. The meeting was convened at 6:00 p.m.

1) Roll Call

Present: Harvey Bell, Lois DeBacker, Lara Edwards, Rachna Gulati, Debra Horner, Joe Mercurio, Jess Newman, Danielle Todd, Dani Torcolacci

Absent: None

Staff: City Planner Blizinski; Planning Director Dupuis, Parks and Recreation Manager Laird

2) Review of the Agenda

3) Approval of the AHESC Minutes of May 15, 2023

It was determined that the minutes of May 15, 2023 would be voted on at the next meeting.

4) Study Session

A. Greenhouse Gas Emissions Inventory

CP Blizinski summarized the item. Staff answered informational questions from the AHESC.

AHESC members' comments were as follows:

- The AHESC should, at the outset, determine the level of specificity desired for its final deliverable since that would shape the process of producing the deliverable;
- The higher the benefit to the City's sustainability goals, the more an intervention should be prioritized;
- It would be helpful to know the approximate cost of the interventions since less expensive interventions could be implemented more immediately than more expensive interventions;
- The City should aim to have its report more resemble Ann Arbor's than San Francisco's, since more specificity would allow for more implementation;
- It would be useful to determine which actions would be the purview of the City, which would be the purview of the residents, and which could only be done in conjunction with neighboring municipalities; and,
- Some of the actions would require interdepartmental cooperation.

1. US Community Protocol

B. Sustainability and Climate Action Plan

CP Blizinski and PD Dupuis presented the item. Staff answered informational questions from the AHESC.

1. Project Timeline

AHESC members' comments were as follows:

- While greenhouse gas inventory is an important aspect of making sustainable changes, topics like climate resiliency, adaptation, and quality of life issues are more likely to resonate with residents;
- It would be helpful to gather any air quality data, stormwater performance data, and climate risk analysis data that might be available in addition to greenhouse gas inventory;
- Air quality improvements within public buildings to mitigate issues like wildfire smoke should be considered;
- Michigan and SEMCOG has data on these issues and the Board might be able to conduct some of the research on these topics;
- Climate change and sustainability are different topics, and it would be appropriate to discuss both and how they relate; and,
- The Board would benefit from establishing its mission and framework before engaging with the community.

It was determined that the Board would hold a study session in July on some of the topics raised.

2. Engage Birmingham

PD Dupuis presented the item. Staff answered informational questions from the AHESC.

AHESC members' comments were as follows:

- It would be worthwhile to differentiate between the survey responses from residents of Birmingham and the responses from people working in Birmingham;
- It would be worthwhile to do outreach to the business community on these topics;
- The survey could provide respondents with opportunities for further engagement;
- It might be worthwhile to ask respondents for household income and whether there are children in the home;
- Stormwater quality could be grouped in with 'water quality' as an available option;
- Some option to raise concerns about wildlife, habitat, or biodiversity would be appropriate;
- Environmental justice might better describe equity, accessibility, and community health considerations;
- Health should be listed in some way as an option;
- It might be worthwhile to make two separate questions, one addressing community concerns and one addressing community solutions and opportunities;
- It should be noted that the Commission declared a climate emergency;
- Climate change should be woven into the prompts in a balanced way;

- Since climate change can be a contentious topic, sometimes the best way to communicate about it is to discuss the specific, observable impacts without naming climate change as the overarching concern;
- It might be worthwhile to determine whether there would be more support for meeting or exceeding Michigan's climate goals; and,
- It would be worthwhile to include an option for individuals to indicate if they do not have any sustainability-related concerns.

5) Open to the Public for Items Not on the Agenda

6) Miscellaneous Communications

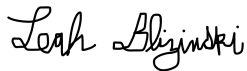
CP Blizinski provided an overview of the Sustainability Google Drive. Staff answered informational questions from the AHESC.

PD Dupuis asked if any Board members would be interested in giving a brief, virtual talk on Birmingham's sustainability efforts to an audience in East Timor on June 14, 2023.

7) Draft Agenda

8) Adjournment

No further business being evident, the meeting was adjourned at 8:02 p.m.



Leah Blizinski, City Planner



Laura Eichenhorn, City Transcriptionist



Data Request: Community Greenhouse Gas Emissions Inventory Natural Gas

City of Birmingham Community Greenhouse Gas Emissions Inventory

Birmingham is committed to addressing its contribution to global climate change and creating a more sustainable community. To that end, Birmingham has begun to develop a comprehensive inventory of sources of greenhouse gas (GHG) emissions resulting from activities within Birmingham's boundaries. The inventory will measure energy used for buildings, vehicles, transit systems, waste disposal, and other activities carried out by Birmingham residents and businesses.

Birmingham will be reliant on the cooperation of outside entities, such as regional planning agencies and utilities, to obtain data on the community.

From Consumers Energy, Birmingham is seeking the following information:

1. Total use of Natural Gas within Birmingham's borders for the year 2021. Only aggregate data is needed, broken down by the residential, commercial, industrial, institutional, and agricultural sectors, as shown in the sample chart below. There is no desire or intent by Birmingham or any other entity to obtain privileged customer information.

Birmingham Community Natural Gas Use in Year 2021	
Sector	Natural Gas Usage (Therms)
Residential	1,097,738 mcf
Commercial	421,228.90 mcf
Industrial	Included in Commercial
Institutional	Not included
Agricultural	Included in Commercial

2. Please provide a description of how building types are assigned to each category (residential, commercial and industrial).
 - a. Residential: Definition of Residential vs. non-Residential is
 - b. Commercial: based on structure including a kitchen, bathroom
 - c. Industrial: (Residential) or not. Based on that determination,
 - d. Institutional: the structure is assigned a metering rate per the
 - e. Agricultural: needs of the account.



3. Please answer the following questions to further clarify the data provided:

- a. Are buildings assigned based on metering rates? If so, please describe by category.
See above.
- b. Are multifamily apartment buildings classified as residential or commercial? Primarily Residential
- c. How are large users such as hospitals or universities classified? N/A with a small number
- d. How are municipal/institutional (public-owned) buildings categorized? N/A of Commercial
- e. Is transit vehicle energy use included? If so, in which category? N/A
- f. Are agricultural buildings included external from the agricultural category? N/A
- g. Are wastewater treatment facilities included? If so, in which category? N/A

4. Were any commercial or industrial accounts removed due to privacy rules? (Y/N) Industrial was combined with Commercial due to low number of accounts, not removed.

IF YES

- a. How many accounts were removed per sector?
 - i. Commercial
 - ii. Industrial 4

5. What is the population of Birmingham served by the utility?

6. How many households in Birmingham are served by the utility? 1,013

This greenhouse gas inventory project is a priority of the Birmingham City Commission as part of the city's strategic plan. Hundreds of cities in the U.S. have completed greenhouse gas inventories. Utilities that have provided the data being requested include National Grid, PG&E, SDG&E, LIPA, PECO, PSE&G, Southern California Edison, and many others. Consumers Energy's cooperation with this inventory will ensure Birmingham is able to manage community GHG emissions in order to address impacts of climate change on the jurisdiction.

Any questions regarding data needs for the project can be directed to Leah Blizinski, City Planner, at (248) 530-1841.

Leah Blizinski

Data responses provided by Judi Helm, Consumer's
Energy on July 31st, 2023

City Planner

P: (248) 530-1841

E: LBlizinski@bhamgov.org

Data Request: Community Greenhouse Gas Emissions Inventory

Solid Waste Collection

Birmingham Community Greenhouse Gas Emissions Inventory

Birmingham is committed to addressing its contribution to global climate change and creating a more sustainable community. To that end, Birmingham has begun to develop a comprehensive inventory of sources of greenhouse gas (GHG) emissions resulting from activities within Birmingham boundaries. The inventory will measure energy used for buildings, vehicles, transit systems, waste disposal, and other activities carried out by Birmingham residents and businesses.

Birmingham will be reliant on the cooperation of outside entities, such as regional planning agencies and utilities, to obtain data on the community.

From SOCCRA, Birmingham is seeking the following information:

1. Waste Sent to Landfill

- a. What is the total amount of waste landfilled from **Birmingham** in year 2021? (tons)

9,561.02 TONS

- b. Is any waste characterization data on the solid waste landfilled available (i.e. percentage of food waste, paper, grass clippings, magazines, etc.)? If so, please copy and paste below:

No

- c. How many households in Birmingham does this collection represent? 9,489
- d. How many businesses in Birmingham does this collection represent? unknown
- e. Is water added to the landfill to reach 40% of wet weight?(Y/N) N

2. Landfill Gas

- a. Does this landfill collect landfill gas? (Y/N) Y

IF YES

unknown

- i. How much LFG is flared? (cubic feet/day (year)) _____.
- ii. What fraction of LFG is methane?(% or decimal) _____.
- iii. Please provide destruction efficiency if not 99% _____.
- iv. How much of LFG is combusted? (cubic feet/day (year)) _____.
- v. If fraction of LFG that is methane is not already provided, please provide heat content (Btu/scf) _____.
- vi. Is energy recovered?
IF YES
- vii. What is the end use of energy? (On site electricity, On site heating or grid electricity) _____.
- b. Please provide breakdown by % or amount of gas combusted (if there are multiple end uses)
- c. Is this landfill gas corresponding to the tonnage being reported in question 1a or the entire landfill? _____

Unknown

IF the entire landfill

- i. Please provide the total annual landfill tons _____
- d. What is methane collection scenario? (None, Typical, Worst-Case, Aggressive, or California Regulatory) _____

i. For each scenario, the collection efficiency varies over time as follows:

- Typical: Years 0–1: 0% Years 2–4: 50% Years 5–14: 75% Years 15 to 1 year before final cover: 82.5% Final cover: 90%
- Worst-case: Years 0–4: 0% Years 5–9: 50% Years 10–14: 75% Years 15 to 1 year before final cover: 82.5% Final cover: 90%
- Aggressive: Year 0: 0% Years 0.5–2: 50% Years 3–14: 75% Years 15 to 1 year before final cover: 82.5% Final Cover: 90%
- California Regulatory: Year 0: 0% Year 1: 50% Years 2–7: 80% Years 8 to 1 year before final cover: 85% Final cover: 90%

3. Waste Sent to Incinerator/Combustion Facility

- a. What is the total amount of waste transported to an incinerator/combustion facility from Birmingham in year 2021? (tons) 0.
- b. What is the name and operator of the facility?
- c. Is energy generated from combustion of solid waste? (Y/N) _____.
IF YES
- d. Please provide breakdown by % or amount of solid waste combusted for energy generation (If not 100%). _____

4. Waste Sent to Composting Facility

- a. What is the total amount of green waste (yard waste) received and composted from Birmingham in year 2021? (tons) 5,179.91 TONS.
- b. What is the total amount of bio waste (food waste) received and composted from Birmingham in year 2021? (tons) 0.

This greenhouse gas inventory project is a priority of the Birmingham City Commission as part of the city's strategic plan. Hundreds of cities in the U.S. have completed greenhouse gas inventories, and SOCCRA's cooperation with this inventory will ensure Birmingham is able to manage community GHG emissions in order to address impacts of climate change on the jurisdiction.

Any questions regarding data needs for the project can be directed to Leah Blizinski, City Planner, at (248) 530-1841.

Leah Blizinski

Leah Blizinski

City Planner

P: (248) 530-1841

E: LBlizinski@bhamgov.org

Data Request: Local Government Operations Greenhouse Gas Emissions Inventory

Solid Waste

Birmingham Local Government Operations Greenhouse Gas Emissions Inventory

Birmingham is committed to addressing its contribution to global climate change and creating a more sustainable agency. To that end, Birmingham has begun to develop a comprehensive inventory of sources of greenhouse gas (GHG) emissions resulting from the internal agency activities. The inventory will measure energy used for buildings, vehicles, transit systems, waste disposal and other activities by Birmingham agency.

Birmingham will be reliant on the cooperation of outside entities such as regional planning agencies and utilities.

From SOCCRA, Birmingham is seeking the following information:

1. Waste Sent to Landfill

- What is the total amount of waste landfilled from **Birmingham facilities** in year 2021? (tons) UNKNOWN.
- Is any waste characterization data on the solid waste landfilled available (i.e. percentage of food waste, paper, grass clippings, magazines, etc.)? If so, please copy and paste below: NO
- Is water added to the landfill to reach 40% of wet weight?(Y/N) N

2. Landfill Gas

- Does this landfill collect landfill gas? (Y/N) Y.

IF YES

- How much LFG is flared? (cubic feet/day (year))_____.
- What fraction of LFG is methane?(% or decimal)_____.
- Please provide destruction efficiency if not 99%_____.
- How much of LFG is combusted? (cubic feet/day (year))_____.
- If fraction of LFG that is methane is not already provided, please provide heat content (Btu/scf)_____.
- Is energy recovered?

IF YES

- What is the end use of energy? (On site electricity, On site heating or grid electricity)_____.

- Please provide breakdown by % or amount of gas combusted (if there are multiple end uses)
- Is this landfill gas corresponding to the tonnage being reported in question 1a or the entire landfill?_____

IF the entire landfill

- Please provide the total landfill tons_____

- What is methane collection scenario?(None, Typical, Worst-Case, Aggressive, or California Regulatory)_____

- For each scenario, the collection efficiency varies over time as follows:

- Typical: Years 0-1: 0% Years 2-4: 50% Years 5-14: 75% Years 15 to 1 year before final cover: 82.5% Final cover: 90%

- Worst-case: Years 0-4: 0% Years 5-9: 50% Years 10-14: 75%
Years 15 to 1 year before final cover: 82.5% Final cover: 90%
 - Aggressive: Year 0: 0% Years 0.5-2: 50% Years 3-14: 75% Years
15 to 1 year before final cover: 82.5% Final Cover: 90%
 - California Regulatory: Year 0: 0% Year 1: 50% Years 2-7: 80%
Years 8 to 1 year before final cover: 85% Final cover: 90%
3. Waste Sent to Incinerator/Combustion Facility
 - a. What is the total amount of waste transported to an incinerator/combustion facility from **Birmingham facilities** in year 2021? (tons) 0
 - b. What is the name and operator of the facility?
 - c. Is energy generated from combustion of solid waste? (Y/N) _____.
 4. Waste Sent to Composting Facility
 - a. What is the total amount of green waste (yard waste) received and composted from Birmingham facilities in year 2021? (tons) Unknown.
 - b. What is the total amount of bio waste (food waste) received and composted from Birmingham facilities in year 2021? (tons) _____.
 5. If data on the quantity of waste is not available, please provide a listing of dumpsters/refuse carts collected from City/County facilities, with the volume of each dumpster/refuse cart and the collection frequency for each (e.g. weekly, twice a week, etc.) Also indicate whether the destination of the waste is landfill, incineration, or composting. SEE ATTACHED

This greenhouse gas inventory project is a priority of the Birmingham City Commission as part of the city's strategic plan. Hundreds of cities in the U.S. have completed greenhouse gas inventories, and SOCCRA's cooperation with this inventory will ensure Birmingham is able to manage local government operations GHG emissions in order to address impacts of climate change on the jurisdiction.

Any questions regarding data needs for the project can be directed to Leah Blizinski, City Planner, at (248) 530-1841.

Leah Blizinski

Leah Blizinski

City Planner
P: (248) 530-1841
E: LBlizinski@bhamgov.org

INVOICE**Car Trucking, Inc.**

Solid Waste Removal Services
34636 Kelly Road
Clinton Twp. MI 48035-3387

(586) 791-8480

(586) 791-5980

S.O.C.R.R.A - Birmingham

3910 W. Webster

Royal Oak, MI 48073-6764

Fax to Sherry for approval 248-530-1740

INVOICE #

13964440

INVOICE DATE

7/1/2023

SERVICE ADDRESS

Birmingham

ACCOUNT NUMBER

MUNICIPAL TRASH LOCATION

To ensure proper credit, please detach & return top half with payment

QUANTITY	DESCRIPTION	RATE	AMOUNT
9,489	Weekly Refuse pickup 5 additional units - 420 Frank - 5 units	5.54	52,569.06
9,444	Recycle - Weekly pick up - 5 additional units - 420 Frank - 5 units	3.20	30,220.80
8,011	Compost - Weekly pick up, 5 additional units - 420 Frank - 5 units	1.51	12,096.61
1	Commercial Recycle - See updated list	2,702.61	2,702.61
1	2 yards 1 x week - Police Station - N/C	0.00	0.00
1	2 yards 1 x week - DPW - N/C	0.00	0.00
1	2 yards 1 x week - City Hall N/C	0.00	0.00
1	2 yards 1 x week - Library N/C	0.00	0.00
2	2 yards 1 x week - Both Fire Stations N/C	0.00	0.00
5	2 yards 2 x week - Parking Structures/Downtown area - N/C	0.00	0.00
2	2 yards 1 x week - Lincoln Hills Golf Course - N/C	0.00	0.00
1	2 yards 1 x week - Spring Dale Golf Course - N/C	0.00	0.00
1	2 yards 1 x week - Gun Range - N/C	0.00	0.00
2	2 yards 1 x week - Ice Arena N/C	0.00	0.00
1	2 yards 1 x week (seasonal) Racquetball/Tennis Court - N/C	0.00	0.00
1	Recycle - Weekly pick up - Police - N/C	0.00	0.00
1	Recycle - Weekly pick up - DPW - N/C	0.00	0.00
1	Recycle - Weekly pick up - City Hall N/C	0.00	0.00
1	Recycle - Weekly pick up - Library N/C	0.00	0.00
1	Recycle - Weekly pick up - Fire Departments - N/C	0.00	0.00
1	Recycle - Weekly pick up - Ice Rink, Tennis Ct. Gun Range - N/C	0.00	0.00
Billing for June 2023		Total	\$97,589.08
		Payments/Credits	\$0.00
		Balance Due	\$97,589.08

[Handwritten signature]
7-6-23



MEMORANDUM

Planning Division

DATE: August 16th, 2023

TO: Ad Hoc Environmental Sustainability Committee

FROM: Leah Blizinski

APPROVED BY: Nicholas Dupuis

SUBJECT: Additional Data Sources

INTRODUCTION:

At the June 12th meeting of the Ad Hoc Environmental Sustainability Committee, it was discussed that air quality and water quality are of great local concern and should be studied closely. Board members requested to see available reports on current air and water quality data and monitoring. Additional resources are provided on demographic information, potential impacts of climate change and tree canopy to help inform the sustainability and climate action planning process.

BACKGROUND:

On January 23rd, 2023, the City Commission declared a climate emergency, established the Ad Hoc Environmental Sustainability Committee and directed planning staff to facilitate the immediate development of a greenhouse gas emissions inventory to set a baseline and develop greenhouse gas emission reduction targets for 2030 and 2050. The Ad Hoc Environmental Sustainability Committee was seated on March 27th, 2023 and has begun the process of research and data collection towards these objectives.

Below are links to several high quality sources for information and data on the above-listed topics. This is by no means an exhaustive list of the resources that will be reviewed and used to inform Birmingham's Sustainability and Climate Action Plan.

[The Potential Impacts of Climate Change on Detroit, Michigan](#)

Demographic Information

[Census QuickFacts](#)

Air Quality

All of the below EGLE annual reports can be found on the Department of Environment, Great Lakes, and Energy [Air Quality Monitoring web page](#) along with an [interactive map of monitoring sites](#). They are linked below for convenience.

[Learn about our Air Quality](#)

[EGLE - Michigan Air Quality Annual Report 2022 \(DRAFT\)](#)

[EGLE - Michigan Air Quality Annual Report 2021](#)

[EGLE - Michigan Air Quality Annual Report 2020](#)

[EPA Air Quality Data and Tools](#)

Water Quality

[BHAM - 2022 Water Report](#)

[BHAM - 2021 Water Report](#)

[Biological Monitoring of Michigan's Rivers and Streams](#)

[Rouge River AOC](#)

[EPA - How's My Waterway?](#)

Tree Canopy

[SEMCOG Green Dashboard](#)



Project Schedule

DRAFT: 8/16/2023

	2023							
Meeting/Event	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
June 12th, ESC		X						
GHGI Data Requests		X						
Community Survey Open (Late June)		X						
Public Engagement Event #1 (Day on the Town, July 29 th 9am-5pm)			X					
August 21st, ESC				X				
Public Engagement Event #2 (Farmer's Market, August)				X				
Public Engagement Event #3 (Municipal Roundtable, Sept/Oct)					X	X		
September 25th, ESC @ BPL Community Visioning Session					X			
Community Survey Closes (Late Sept.)					X			
October 16th, ESC Public Engagement Summary Review						X		
Present Project Overview to City Boards MMTB, P&R, PB, HDC, DRB							X	
Nov 20th, ESC SCAP Intro and Outline Review							X	
December 11th, ESC GHGI Final Report								X
	2024							
Meeting/Event	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG
GHGI Final Report Published to City Website	X							
January, ESC Finalize SCAP Goals and Vision	X							
February, ESC		X						
March, ESC SCAP 50% Draft Review			X					
April, ESC				X				



	2024							
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG
May, ESC SCAP 75% Draft Review					X			
June, ESC						X		
July, ESC SCAP 100% Draft Review							X	
Final Draft Published on City Website 30-Day Public Comment Period							X	
August, ESC								X
City Commission Public Hearing / Adoption								X
Publish Final SCAP on City Website								X

Acronyms Decoded

ESC – Ad Hoc Environmental Sustainability Committee

GHGI – Greenhouse Gas Emissions Inventory

SCAP – Sustainability and Climate Action Plan

MMTB – Multi-Modal Transportation Board

P&R – Parks and Recreation Advisory Board

PB – Planning Board

HDC – Historic District Committee

DRB – Design Review Board

BPL – Baldwin Public Library

Project Report

29 April 2021 - 08 August 2023

Engage Birmingham Environmental Sustainability Committee



Visitors Summary

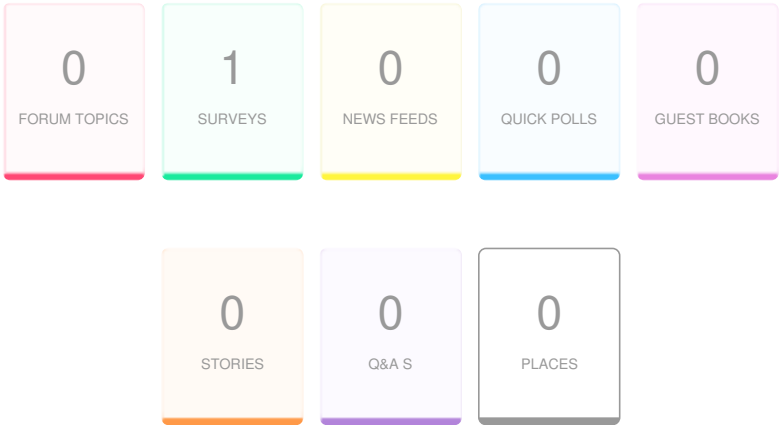


Highlights

TOTAL VISITS	MAX VISITORS PER DAY	
554	325	
NEW REGISTRATIONS		
46		
ENGAGED VISITORS	INFORMED VISITORS	AWARE VISITORS
179	193	461

Aware Participants		461	Engaged Participants				179
Aware Actions Performed		Participants	Engaged Actions Performed				
Visited a Project or Tool Page		461					
Informed Participants		193					
Informed Actions Performed		Participants					
Viewed a video		0					
Viewed a photo		0					
Downloaded a document		0					
Visited the Key Dates page		0					
Visited an FAQ list Page		0					
Visited Instagram Page		0					
Visited Multiple Project Pages		18					
Contributed to a tool (engaged)		179					
			Registered	Unverified	Anonymous		
Contributed on Forums			0	0	0		
Participated in Surveys			179	0	0		
Contributed to Newsfeeds			0	0	0		
Participated in Quick Polls			0	0	0		
Posted on Guestbooks			0	0	0		
Contributed to Stories			0	0	0		
Asked Questions			0	0	0		
Placed Pins on Places			0	0	0		
Contributed to Ideas			0	0	0		

ENGAGEMENT TOOLS SUMMARY



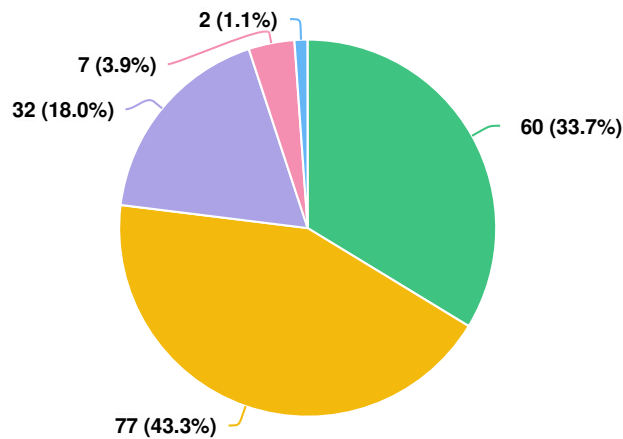
Tool Type	Engagement Tool Name	Tool Status	Visitors	Contributors		
				Registered	Unverified	Anonymous
Survey Tool	Sustainability and Climate Action Plan	Published	449	179	0	0

ENGAGEMENT TOOL: SURVEY TOOL

Sustainability and Climate Action Plan

Visitors 449	Contributors 179	CONTRIBUTIONS 179
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How would you describe your awareness of sustainability and climate action, particularly at the local or community level?



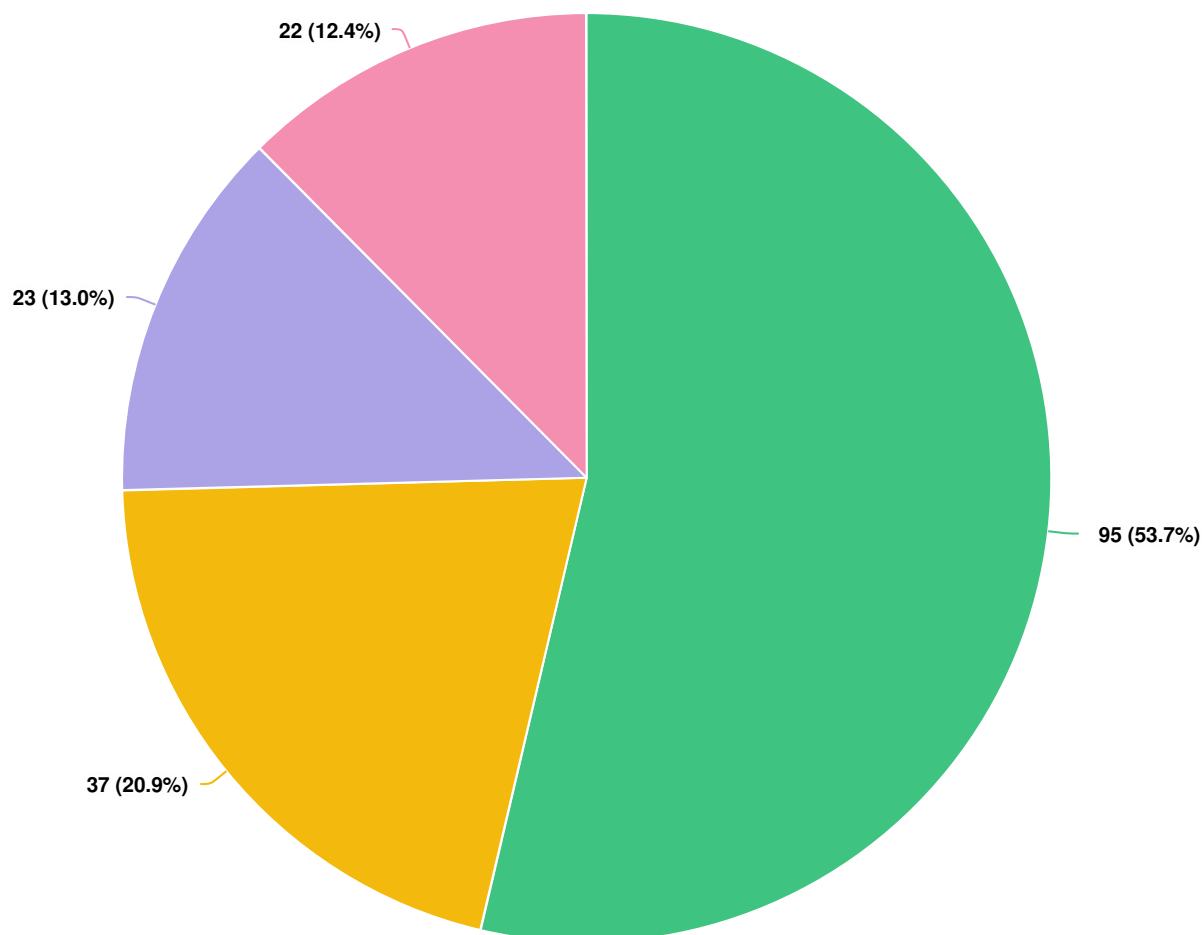
Question options

● Very aware
 ● Somewhat aware
 ● Not very aware
 ● Not at all aware
 ● Unsure

Optional question (178 response(s), 1 skipped)

Question type: Radio Button Question

How would you describe your overall level of concern about addressing sustainability and climate action issues?



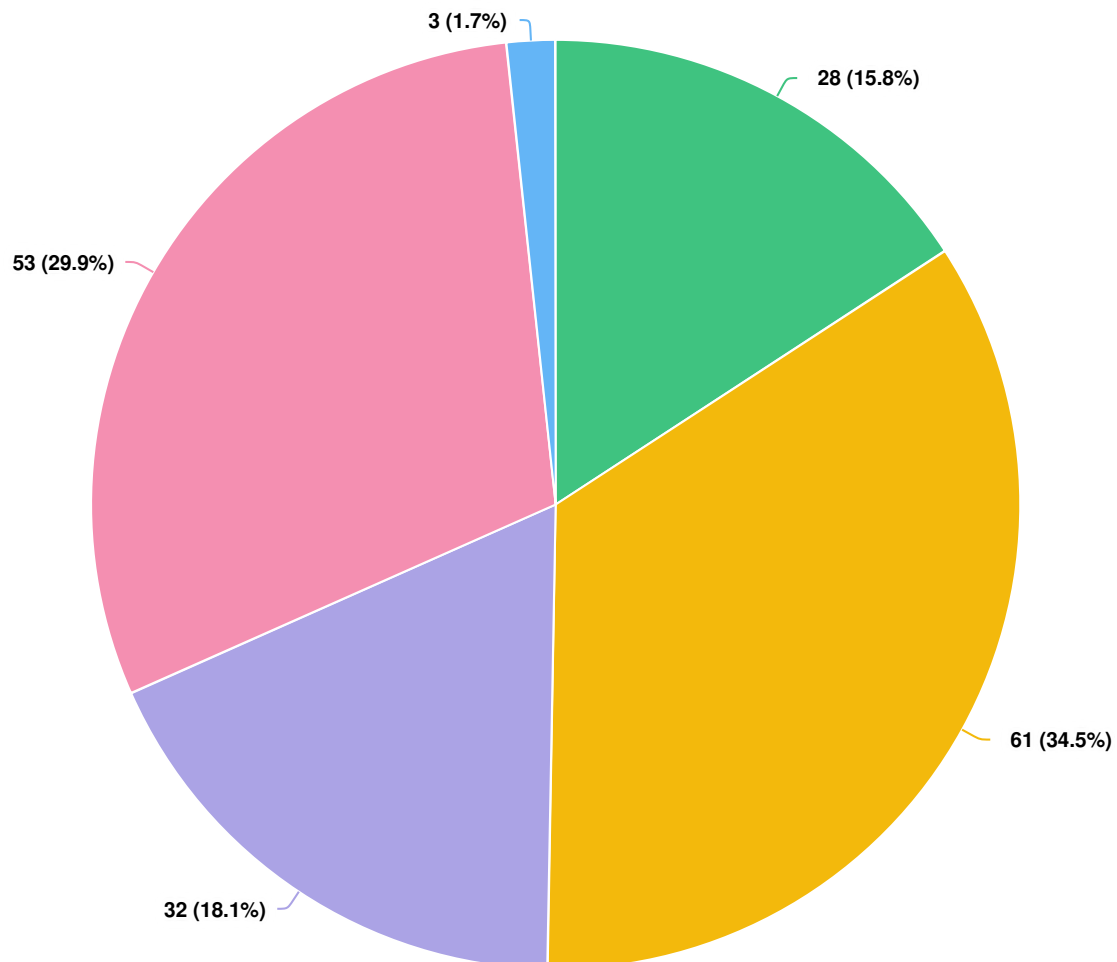
Question options

☒ Very concerned ☐ Somewhat concerned ☐ Not very concerned ☐ Not at all concerned

Optional question (177 response(s), 2 skipped)

Question type: Radio Button Question

Do you feel Birmingham is engaging in sustainable practices today?



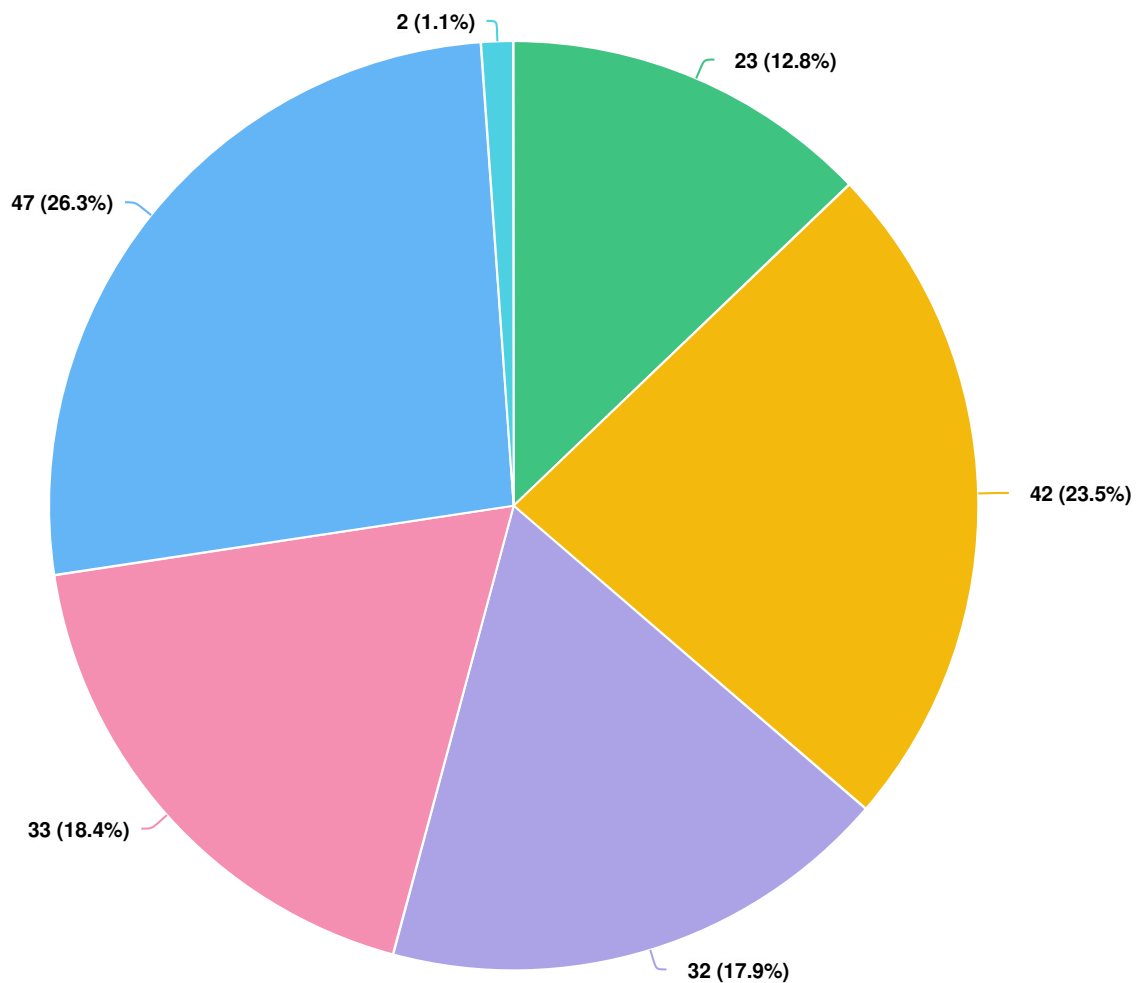
Question options

Yes Somewhat No Unsure Other

Optional question (177 response(s), 2 skipped)

Question type: Radio Button Question

The City Commission of Birmingham has adopted a set of Strategic Goals that includes positioning Birmingham for a changing future by instituting policies and practices that protect the natural environment and reduce extreme weather impacts on the c...



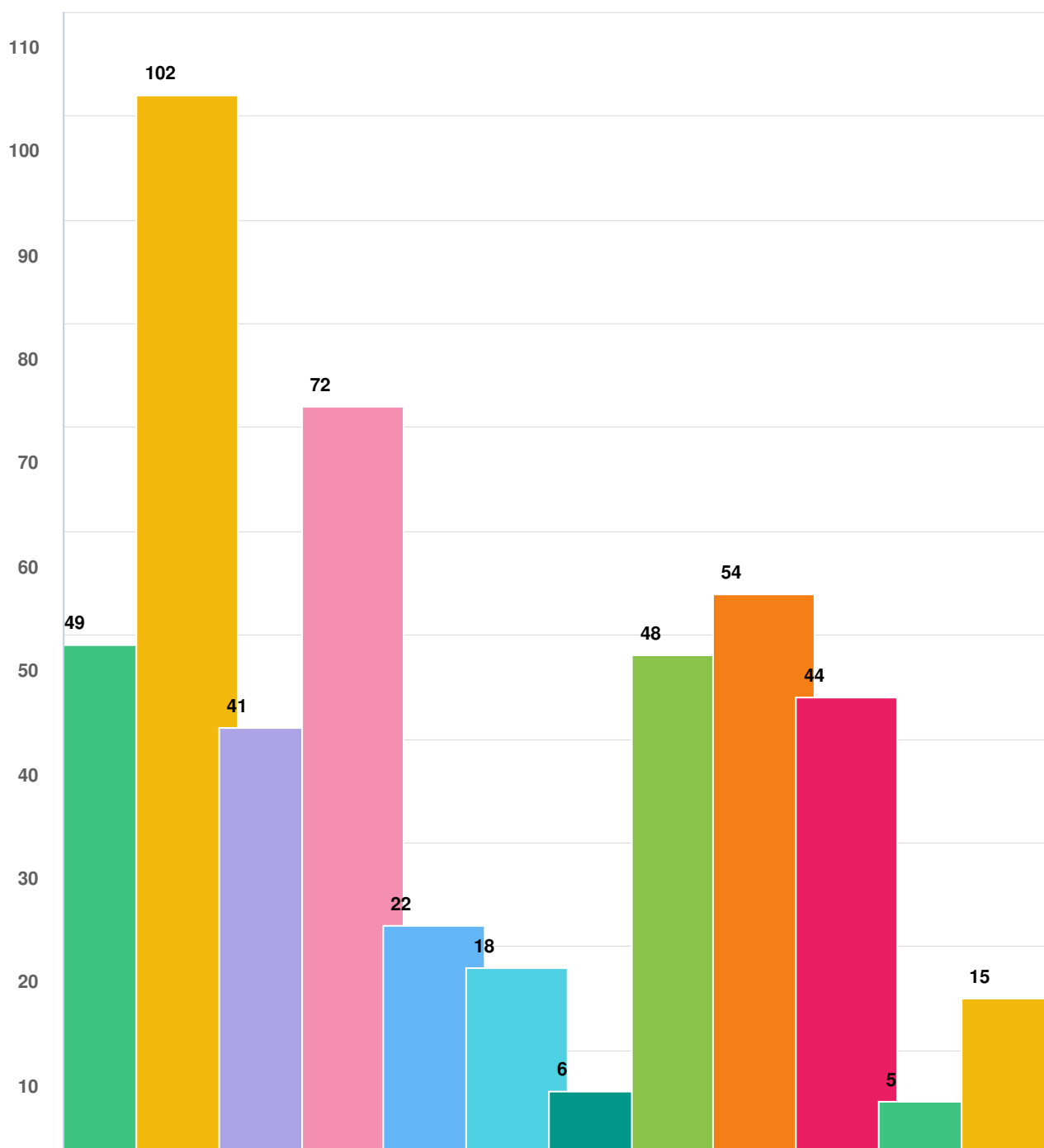
Question options

Very aware Somewhat aware Neither aware or unaware Somewhat unaware Very unaware
Unsure

Optional question (179 response(s), 0 skipped)

Question type: Radio Button Question

Please select your primary concerns related to sustainability and climate action in Birmingham (Select up to 3)



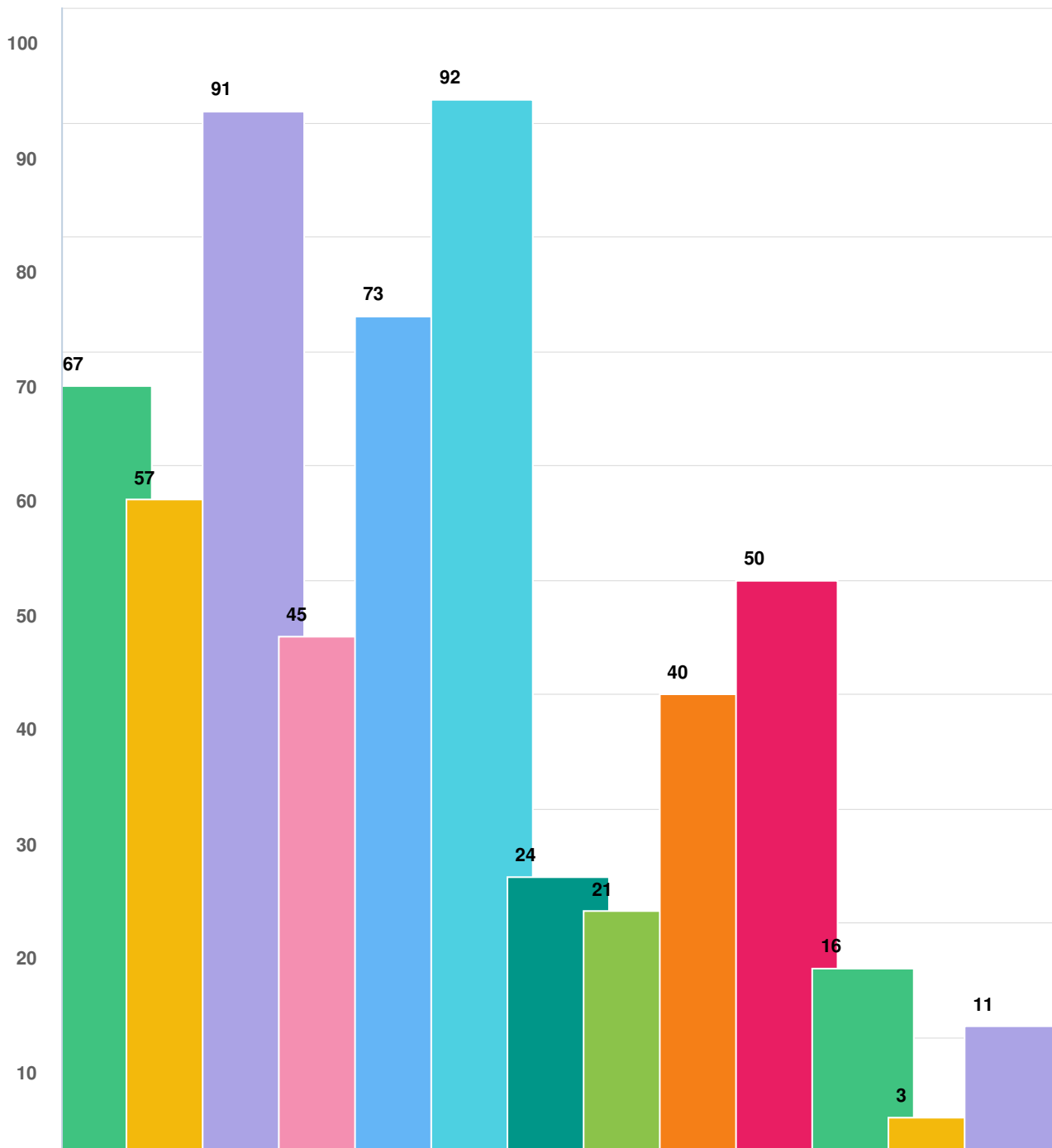
Question options

- Energy
 ● Water Quality
 ● Solid Waste
 ● Natural Environment
 ● Transportation
 ● Buildings
- Food Access
 ● Quality of Life
 ● Air Quality
 ● Extreme Weather
 ● Environmental Justice
- Other (please specify)

Optional question (176 response(s), 3 skipped)

Question type: Checkbox Question

What sort of sustainability and climate action solutions/strategies are you interested in? (Select all that apply)



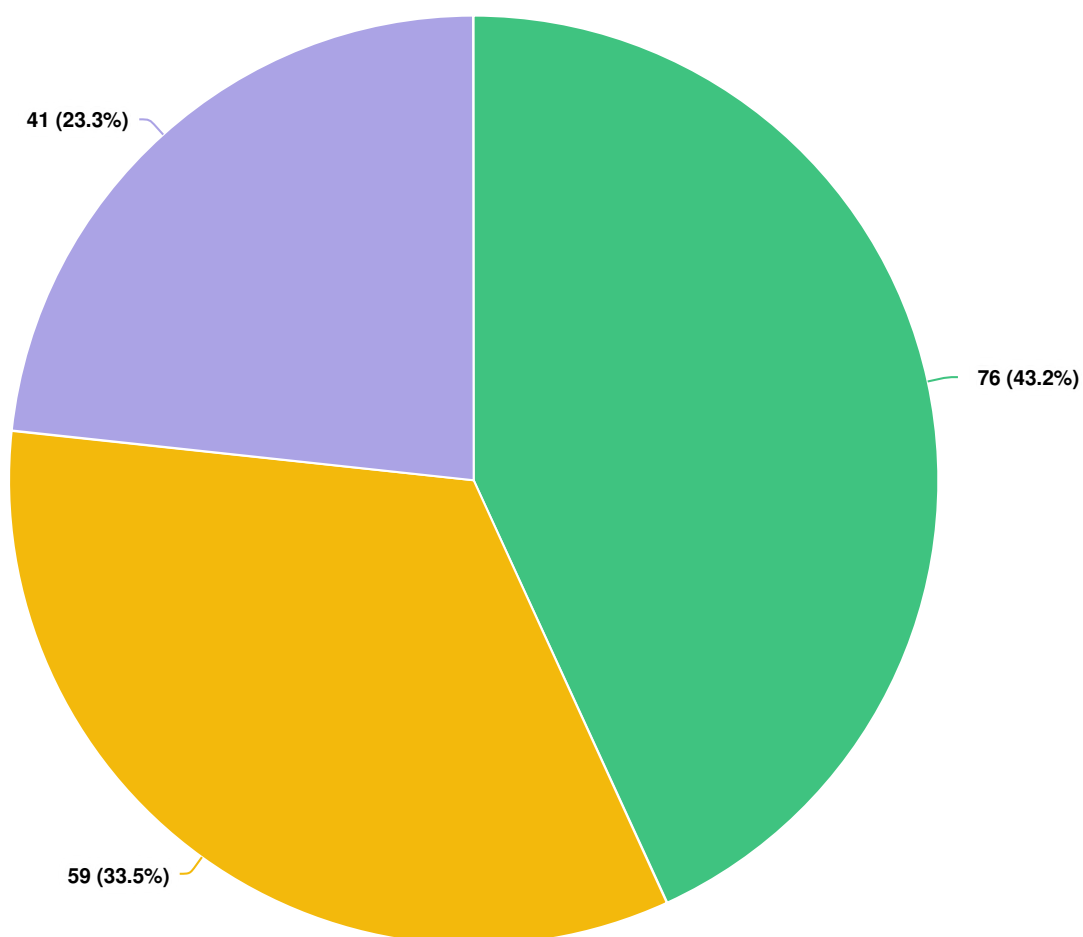
Question options

- Green infrastructure
 ● Composting
 ● Recycling
 ● Green buildings
 ● Renewable energy
 ● Environmental preservation
 ● Multimodality
 ● Equity
 ● Community health
 ● All of the above
 ● None of the above
 ● Unsure
 ● Other (please specify)

Optional question (178 response(s), 1 skipped)

Question type: Checkbox Question

At what level should Birmingham be in terms of sustainable community practices?



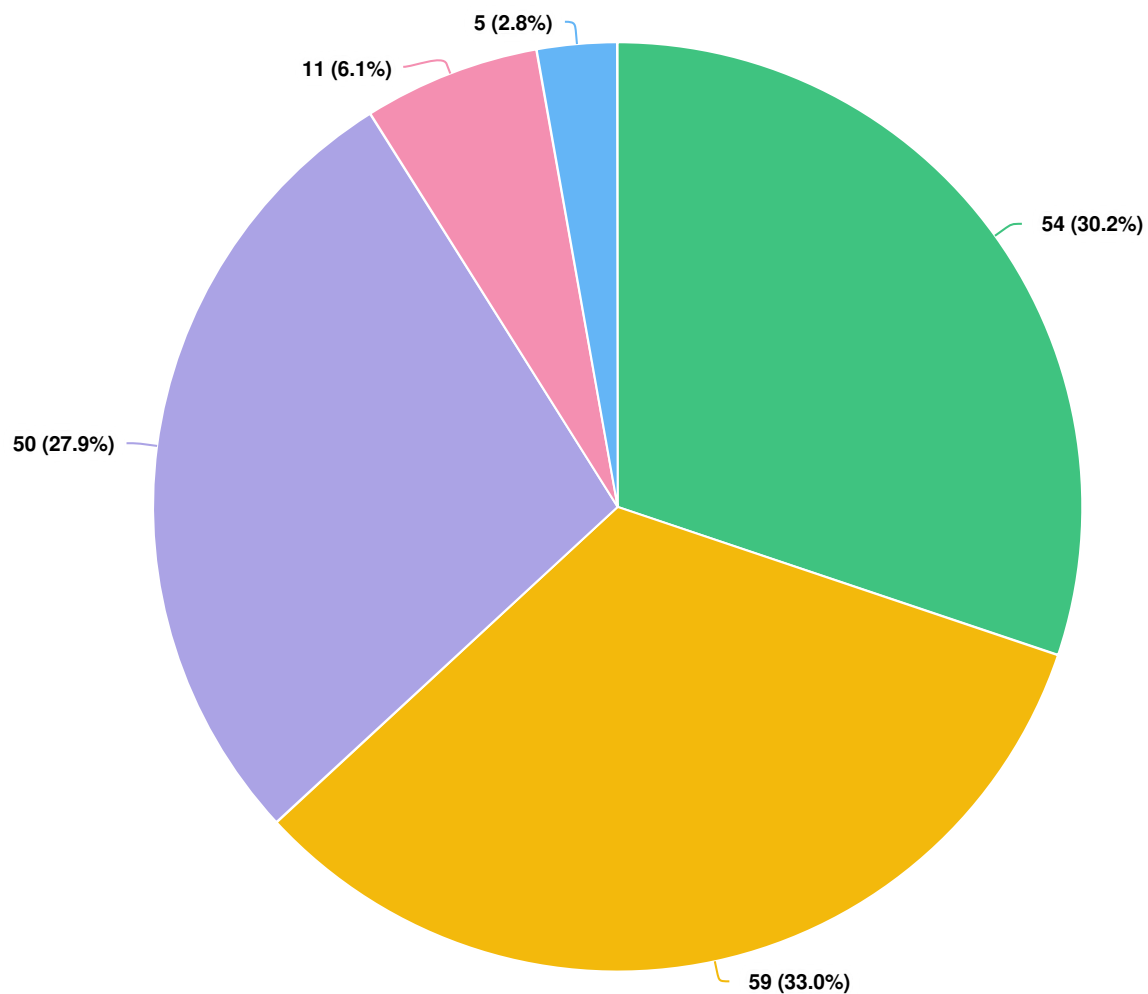
Question options

- It should become a regional leader in sustainability
- It should increase community commitment to sustainability
- It should not be concerned with sustainability

Optional question (176 response(s), 3 skipped)

Question type: Radio Button Question

The State of Michigan's MI Healthy Climate Plan has set a goal to achieve economy-wide carbon neutrality no later than 2050. Should Birmingham align with the state's goal?



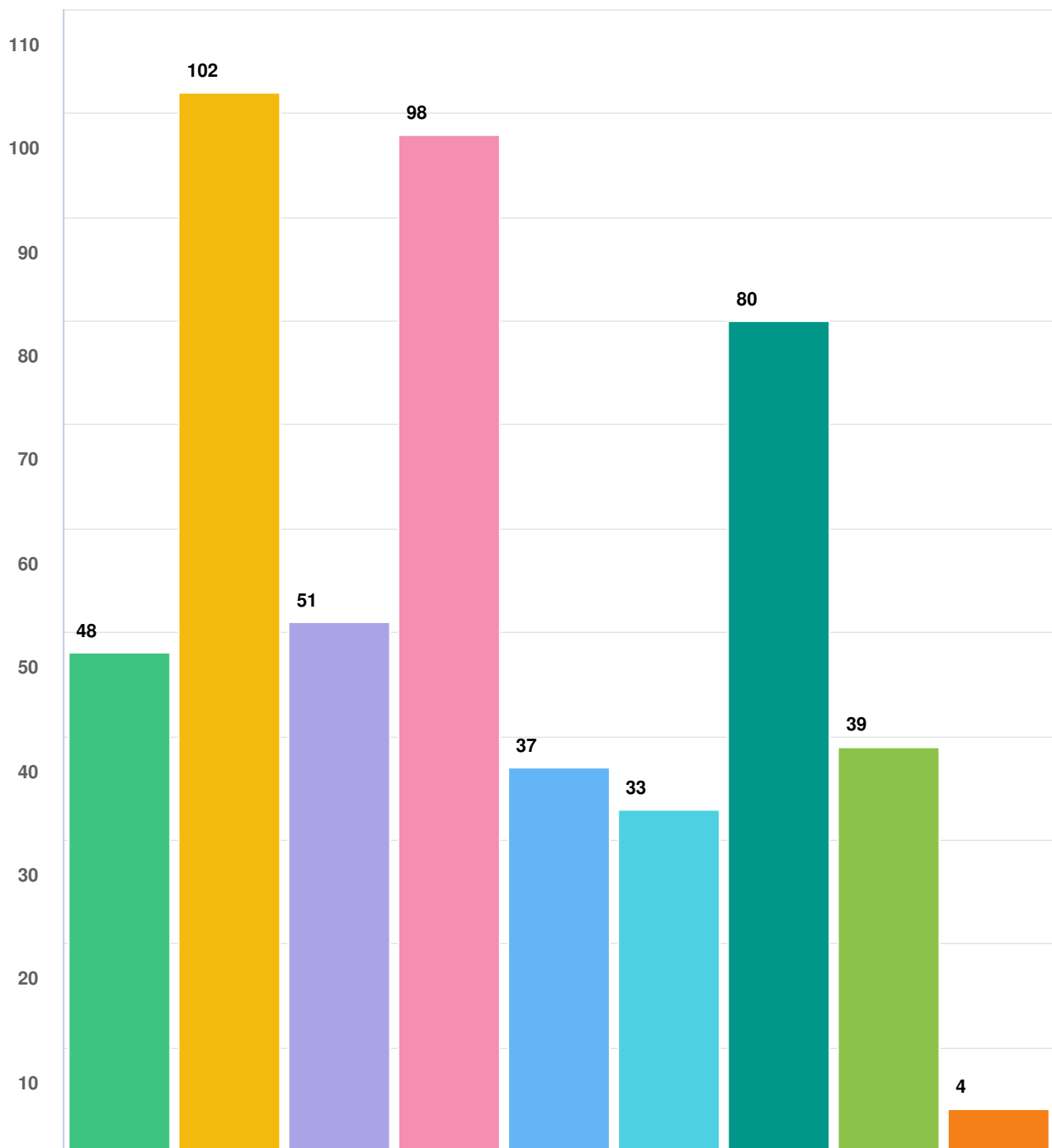
Question options

- ☐ Yes, Birmingham should align with the state's goal ☐ Yes, Birmingham should meet and exceed that state's goal
☐ No, Birmingham does not need a carbon neutrality goal ☐ Unsure ☐ Other (please specify)

Optional question (179 response(s), 0 skipped)

Question type: Radio Button Question

How do you prefer to receive news and information about the Sustainability and Climate Action Plan? (Select all that apply)



Question options

- Social Media
 ● Around Town E-Newsletter
 ● Birmingham Beat Newsletter
 ● Email Contact
- Social Media (Facebook, Twitter, Instagram, etc.)
 ● Nextdoor
 ● City Website
 ● Public Meetings
- Other (please specify)

Optional question (177 response(s), 2 skipped)

Question type: Checkbox Question



AGENDA
BIRMINGHAM AD HOC ENVIRONMENTAL SUSTAINABILITY COMMITTEE
MONDAY JULY 17TH, 2023
BALDWIN PUBLIC LIBRARY, 300 W. MERRILL ST, DONOR ROOM, BIRMINGHAM MI *
******* 5:00 PM*******

The City recommends members of the public wear a mask if they have been exposed to COVID-19 or have a respiratory illness. City staff, City Commission and all board and committee members must wear a mask if they have been exposed to COVID-19 or actively have a respiratory illness. The City continues to provide KN-95 respirators and triple layered masks for attendees.

- 1) **Call to Order**
- 2) **Roll Call**
- 3) **Review of the Agenda**
- 4) **Approval of the AHESC Minutes of August 21st, 2023**
- 5) **Study Session**
 - A. **Community Visioning Workshop**
- 6) **Open to the Public for Items Not on the Agenda**
- 7) **Miscellaneous Communications**
- 8) **Draft Agenda – October 16th, 2023**
- 9) **Adjournment**

Future Meeting Dates:

Monday, October 16th at 6 p.m.

Monday, November 20th at 6 p.m.

Monday, December 11th at 6 p.m.

*Please note that board meetings will be conducted in person once again. Members of the public can attend in person at Birmingham City Hall, 151 Martin St., or may attend virtually at:

Link to Access Virtual Meeting: <https://bhamgov-org.zoom.us/j/87587439403>

Telephone Meeting Access: 877 853 5247 US Toll-free

Meeting ID Code: 875 8743 9403

Notice: Individuals requiring accommodations, such as interpreter services for effective participation in this meeting should contact the City Clerk's Office at [\(248\) 530-1880](tel:2485301880) at least on day in advance of the public meeting.

Las personas que requieren alojamiento, tales como servicios de interpretación, la participación efectiva en esta reunión deben ponerse en contacto con la Oficina del Secretario Municipal al [\(248\) 530-1880](tel:2485301880) por lo menos el día antes de la reunión pública. (Title VI of the Civil Rights Act of 1964).

A PERSON DESIGNATED WITH THE AUTHORITY TO MAKE DECISIONS MUST BE PRESENT AT THE MEETING.