



CITY OF LAKEWOOD

SUSTAINABILITY PLAN ANNUAL REPORT
2024



Lakewood

Community Sustainability,
Climate & Zero Waste

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2024

City of Lakewood Division of Community Sustainability, Climate & Zero Waste

Katie McKain, Manager of Community Sustainability, Climate & Zero Waste

Caitlin Hasenbalg Long, Senior Sustainability Planner

Jeff Wong, Principal Sustainability Planner

Christy Cerrone, Sustainable Neighborhoods Program Coordinator

Em J Jackson, Zero Waste & Circularity Planner

Kristina Higgins, Sustainability Intern

Thank you to all the Lakewood staff members and partner organizations who provided data for the report.

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INTRODUCTION

A MESSAGE FROM THE COMMUNITY SUSTAINABILITY, CLIMATE & ZERO WASTE DIVISION —

This 2024 Sustainability Plan Annual Report comes at a time of several exciting transitions in Lakewood's sustainability journey. It marks 10 years since the adoption of the city's first Sustainability Plan, reflects a shift in our field of practice to address sustainability more holistically than ever before, and welcomes new leadership with Sustainability Manager Katie McKain joining our team in early 2025. This will be the last Sustainability Plan Annual Report published in this format, but we are excited about where we are going next.

Originally adopted in 2015 following years of community engagement alongside the Comprehensive Plan, the Sustainability Plan includes aspirational goals, targets, and implementation strategies intended to guide the city's sustainability work for the subsequent decade. Most targets have a 2025 end date, and while there is still work to do toward achieving them, the Sustainability Plan has led to an incredible amount of forward progress in the community.

The practice of sustainability in local governments has also evolved over the last several years to understand that significant impacts from climate change are likely inevitable and requires shifting to also focus on how to prepare for that eventuality through community resilience and adaptation.

The field has also faced rapidly evolving priorities to address intersectional crises in affordability, equity, housing, and climate hazards while navigating unpredictable funding and regulatory challenges.

To continue advancing Lakewood's sustainability goals, it is no longer enough to have a standalone Sustainability Plan that guides the work of our one small division. We need a greater vision, an overarching plan for the future that integrates the community's clear sustainability goals into the culture and operations of the entire city organization. Over the last three years, sustainability staff have been actively involved in the planning process for the Envision Lakewood 2040 Comprehensive Plan to weave climate action throughout the plan's goals, emphasizing the interconnected nature of our work and the importance of collaboration and coordination both internally and with outside partners. We incorporated many concepts based on the existing Sustainability Plan to provide continuity while looking ahead to the next 15 years.

Envision Lakewood 2040 is on track to be adopted in July 2025, and going forward will be the guiding vision for the Community Sustainability, Climate & Zero Waste Division.

All the effort that went into the Sustainability Plan is not gone, but updated and enhanced to reflect the latest data, technology, and advancement since 2015, and it is now integrated into Envision Lakewood 2040.

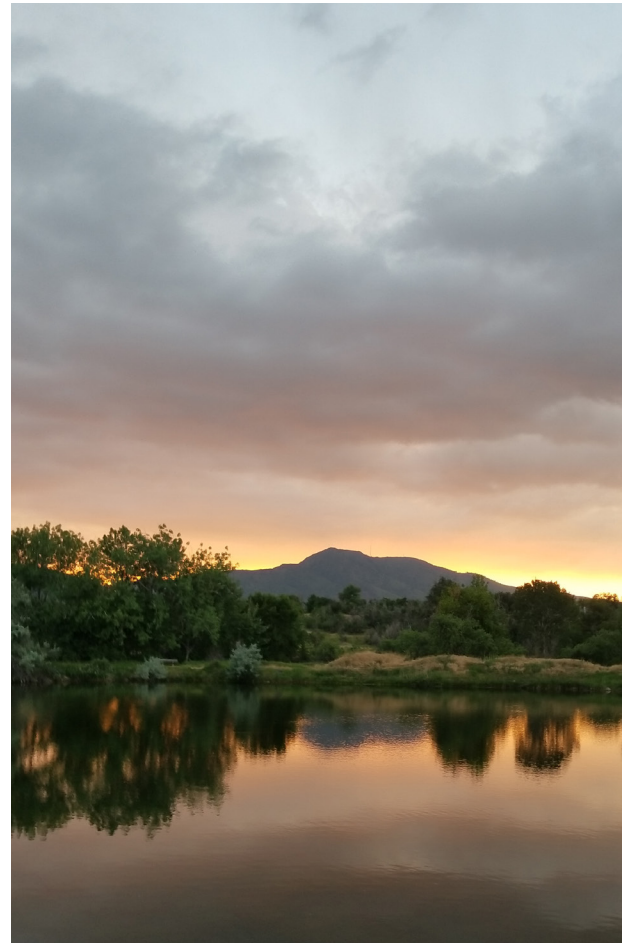
Our team is committed to continue reporting out to the Lakewood community on progress toward the sustainability metrics adopted as part of Envision Lakewood 2040 although the form of that reporting may look different. We are exploring ways to share data and project status that are more dynamic, relevant, accessible, and interactive.

We genuinely appreciate all of the community support and involvement in our work over the last 10-plus years. Your participation has been integral to all that we have achieved together. While we close this chapter on the Sustainability Plan, we look forward to continued collaboration going forward!

Learn more and stay engaged at Lakewood.org/Sustainability.

With gratitude,

Community Sustainability, Climate & Zero Waste Division



CLIMATE CHANGE AND ADAPTATION

SUSTAINABILITY PLAN CHAPTER 1

2015 SUSTAINABILITY PLAN GOALS

Minimize Lakewood's communitywide greenhouse gas emissions and prepare and adapt to ongoing climate change impacts.

2024 PROGRESS SNAPSHOT

A full list of metrics can be found in Appendix A.

SUSTAINABILITY PLAN TARGETS	BASELINE	MOST CURRENT	CHANGE FROM BASELINE	NOTES	STATUS
Reduce communitywide greenhouse gas emissions by 20% below 2007 levels by 2025.	2,447,746 mtCO ₂ e (2007)	2,080,506 mtCO ₂ e (2021)	-15%	The latest GHG inventory was completed in 2023 using 2021 data and measured in metric tons of carbon dioxide equivalent (mtCO ₂ e) using the Global Protocol for Community-scale GHG Inventories (GPC) methodology. GHG inventories are expected to be completed every three years.	●
Reduce communitywide greenhouse gas emissions by 50% below 2007 levels by 2050.					
SCIENCE-BASED TARGETS	BASELINE	MOST CURRENT	CHANGE FROM BASELINE	NOTES	STATUS
Reduce communitywide greenhouse gas emissions by 60.7% below 2018 levels by 2030.	2,286,787 mtCO ₂ e (2018)	2,080,506 mtCO ₂ e (2021)	-9%	The Science-Based Targets are from the city's commitment to the Global Covenant of Mayors to keep warming below 1.5°C through the Cities Race to Zero program. The 2030 target is a check-point to determine progress toward the 2050 goal of net-zero emissions.	●
Reduce communitywide greenhouse gas emissions to net-zero by 2050.					

● The target is on track ● The target is not on track ● Target not tracked / data unavailable

ENERGY, WATER, AND THE BUILT ENVIRONMENT

SUSTAINABILITY PLAN CHAPTER 2

2015 SUSTAINABILITY PLAN GOALS

Ensure affordable energy for Lakewood while transitioning to renewable energy sources.

Significantly enhance resource efficiency in Lakewood buildings.

Encourage development in Lakewood that values the natural environment and supports public health and community cohesion.

2024 PROGRESS SNAPSHOT

A full list of metrics can be found in Appendix A.

2025 TARGET	BASELINE	MOST CURRENT	CHANGE FROM BASELINE	NOTES	STATUS
Generate 45% of municipal energy from renewable sources.	12% (2010)	63% (2023)	+51 points		●
Generate 45% of residential energy from renewable sources.	12% (2010)	51% (2023)	+39 points	Data for these three targets only include electric energy. A full assessment has yet to be completed for energy from heating and transportation fuels. Xcel began reporting a Certified Renewable Percentage for its grid mix in 2019.	●
Generate 45% of commercial and industrial energy from renewable sources.	12% (2010)	45% (2023)	+33 points		●
Reduce municipal building and facility energy use intensity (EUI) by 30%.	.124 mmbtu/ft ² (2015)	0.119 mmbtu/ft ² (2023)	- 4%	The baseline value was updated in 2020 to reflect more accurate historical data.	●
Reduce citywide building energy use intensity by 20%.	2,832,699 MWh (2012)	2,908,505 MWh (2023)	+3%	Value represents total citywide building energy use from electricity and natural gas; data is not normalized for weather.	●
Reduce citywide water use by 20%.	8,762,212 kgal (2010)	8,068,720 kgal (2024)	- 8%	Data is weather normalized by Denver Water.	●
Increase the percentage of certified green buildings each year.	6 buildings (2010)	40 buildings (2024)	+34	Values represent cumulative number of LEED certified and Green Globes projects. Commercial citywide building stock is currently unavailable to calculate percentage.	●

● The target is on track ● The target is not on track ● Target not tracked / data unavailable

SUSTAINABLE ECONOMY

SUSTAINABILITY PLAN CHAPTER 3




2015 SUSTAINABILITY PLAN GOALS

Cultivate a sustainable, prosperous and self-reliant local economy.

Foster self-sufficiency and upward mobility of Lakewood households.

2024 PROGRESS SNAPSHOT

A full list of metrics can be found in Appendix A.

2025 TARGET	BASELINE	MOST CURRENT	CHANGE FROM BASELINE	NOTES	STATUS
Increase local food assets annually.	37 (2015)	56 (2024)	+51%	Includes community gardens, farms, Community Supported Agriculture (CSA) sites, and farmers' markets.	
Increase the percentage of households in CDBG qualified neighborhoods spending less than 45% of income on housing and transportation costs to 60%.	24,399 households (92%)	N/A	N/A	Due to challenges with data assumptions and lack of consistent methodology, the Housing + Transportation (H + T) Affordability Index will no longer be used to track this metric. Alternative data source may be needed.	
Increase number of households above Living Wage Standard by 15%.	32,843 53% of households (2010)	22,984 32% of households (2024)	-30%	Methodology based on the Living Wage for a single person multiplied by the average household size utilizing data from the Massachusetts Institute of Technology (MIT) Living Wage Calculator and American Community Survey. The Living Wage includes mostly prior year expenses inflated to first quarter current year values.	



The target is on track



The target is not on track



Target not tracked / data unavailable

ZERO WASTE

SUSTAINABILITY PLAN CHAPTER 4

2015 SUSTAINABILITY PLAN GOALS





Create a culture of zero waste in Lakewood through education, municipal operations, infrastructure, and services.




Foster sustainable household waste management.

Foster sustainable commercial waste management.

2024 PROGRESS SNAPSHOT

A full list of metrics can be found in Appendix A.

2025 TARGET	BASELINE	MOST CURRENT	CHANGE FROM BASELINE	NOTES	STATUS
Achieve a 60% communitywide diversion rate.	9% (2010)	16.7% (2023)	+7.7 points	Baseline based on statewide total Municipal Solid Waste (MSW) diversion rate; most current data based on total MSW diversion rate for the Front Range region as reported by CDPHE. Metric includes commercial and residential waste.	
Achieve an 80% diversion rate at the Civic Center.	68,433 lbs (2018)	28,836 lbs* (2021)	N/A*	Metrics reported include pounds recycled and composted. Diversion rate not available. Data for individual facilities not available since 2021 due to change in hauler reporting.	
Achieve increased diversion rates for specific municipal facilities.	11th Ave: 6,192 lbs Patterson: 7,392 lbs Daniels: 5,285 lbs Lasley: 2,460 lbs (2017 and 2018)	11th Ave: 2,174 lbs* Patterson: 1,951 lbs* Daniels: 0 lbs* Lasley: 1,313 lbs* (all 2021)	N/A*	Head Start classrooms were selected due to their zero waste program and youth impact. Metrics reported include pounds recycled and composted. Diversion rate not available. Data for individual facilities not available since 2021 due to change in hauler reporting.	
Achieve a 90% diversion rate at City of Lakewood Earth Day and Cider Days events.	Cider Days: 87% Earth Day: 80% (both 2014)	Cider Days: N/A Earth Day: 90% (2024)	Cider Days: N/A Earth Day: +10 points	Cider Days waste data was previously available due to event-specific waste audits, which stopped during COVID-19.	

 The target is on track  The target is not on track  Target not tracked / data unavailable

* Pounds of waste generated and diverted was significantly impacted by facility closures and service interruptions due to COVID-19. Percent change from baseline not calculated.

COMMUNITY COHESION AND PUBLIC HEALTH

SUSTAINABILITY PLAN CHAPTER 5

2015 SUSTAINABILITY PLAN GOALS

- Strengthen community cohesion, increase civic participation, and celebrate diversity.
- Promote physical well-being through healthy eating and active living.
- Promote social equity and provide strong supportive services.

2024 PROGRESS SNAPSHOT

A full list of metrics can be found in Appendix A.

2025 TARGET	BASELINE	MOST CURRENT	CHANGE FROM BASELINE	NOTES	STATUS
Increase the percentage of residents reporting “good” or “very good” satisfaction ratings for Lakewood’s efforts in welcoming citizen involvement as reported in the City of Lakewood Community Survey to 60%.	57% (2010)	34% (2022)	-23 points	Data from 2022 City of Lakewood Community Survey; surveys are conducted every few years.	<div></div>
Increase resident subscriptions to the city communication tools each year.	31,251 (2015)	152,485 (2024)	+388%	Residents may subscribe to more than one newsletter and thus be double counted; some subscribers may not be Lakewood residents.	<div></div>
Certify 12 neighborhoods as Outstanding Sustainable Neighborhoods in the Sustainable Neighborhoods Program.	2 (2013)	10 (2024)	+8	The program began in 2012; the baseline reflects the program’s first full year. Ten neighborhoods currently participate in the program. Additional resources will be necessary to continue program expansion.	<div></div>
Increase recreation program participation each year.	352,000 (2010)	474,496 (2024)	+26%	Includes number of visits to city recreation facilities.	<div></div>
Eliminate USDA-defined food deserts in Lakewood.	6 (2015)	2 (2022)	-67%	Food deserts are defined within census tract boundaries.	<div></div>
Increase the percentage of residents reporting “good” or “very good” satisfaction ratings for Lakewood programs for people with special needs, older adults, low-income persons and homeless people to above Front Range benchmarks.	Older Adults: 60% Special Needs: N/A Low-Income: N/A Homeless: N/A	Older Adults: 48% Special Needs: 36% Low-Income: 22% Homeless: 14%	N/A	Data from 2022 City of Lakewood Community Survey. In 2010, only the older adults category was surveyed. Trend for all categories has declined each year of the Lakewood survey. As of 2022, no consistent Front Range benchmark comparison has yet been established.	<div></div>

The target is on track The target is not on track Target not tracked / data unavailable

NATURAL SYSTEMS

SUSTAINABILITY PLAN CHAPTER 6



2015 SUSTAINABILITY PLAN GOALS


Mitigate the negative effects of the built environment and human behavior on Lakewood's natural systems to ensure biodiversity and enhance ecosystem services.


Enhance Lakewood's resilience to the impacts of climate change using green infrastructure and ecosystem-based adaptation.


2024 PROGRESS SNAPSHOT

A full list of metrics can be found in Appendix A.

2025 TARGET	BASELINE	MOST CURRENT	CHANGE FROM BASELINE	NOTES	STATUS
Ensure that all waters within Lakewood meet or exceed the Colorado Department of Public Health & Environment's Water Quality Standards for the uses assigned.	1 body of water impaired (2015)	4 bodies of water impaired (2024)	300%	Over the last several years, CDPHE has been in the process of updating and recalibrating water quality standards. As this occurs, it is anticipated that additional waterways within Lakewood may become identified as "impaired" and require more frequent monitoring. Public Works and Community Resources staff work closely with CDPHE to maintain quality of waterways in the city through the Municipal Separate Storm Sewer System (MS4) permit process.	
Achieve 30% tree canopy coverage.	7.8% (2011)	18% (2021)	N/A	Baseline established with i-Tree landscape tool using data from the 2011 National Land Cover Dataset (NLCD). Most recent figure is from the Lakewood Forestry Division's TreePlotter software data. Percent change not reported due to differing data sources.	

 The target is on track

 The target is not on track

 Target not tracked / data unavailable

TRANSPORTATION

SUSTAINABILITY PLAN CHAPTER 7

2015 SUSTAINABILITY PLAN GOALS

Develop, maintain, and operate sustainable transportation systems and infrastructure.

Foster sustainable transportation choices in Lakewood.

2024 PROGRESS SNAPSHOT

A full list of metrics can be found in Appendix A.

2025 TARGET	BASELINE	MOST CURRENT	CHANGE	NOTES	STATUS
Convert all streetlights to LED or other high efficiency lighting technologies.	94 / 1.2% (2015)	1,359 / 18.2% (2025)	+16 points	There are 7,954 streetlights in Lakewood. All city-owned streetlights are now LED. In 2018, the city entered into a deal with Xcel Energy requiring all street-light repairs to include LED replacements.	
Reduce the percent of trips to work by single-occupancy vehicles from 75% to 65% by 2025.	79.2% (2010)	63.3% (2023)	-15.7 point	Data from 2022 American Community Survey.	
Decrease petroleum-based fuel consumption of the city fleet by 10%.	330,505 gallons (2010)	312,611 gallons (2024)	-5.4%	Data not normalized for weather.	

The target is on track The target is not on track Target not tracked / data unavailable

APPENDIX A

TARGETS AND INDICATORS

METRIC		BASELINE YEAR	BASELINE	MOST CURRENT YEAR	MOST CURRENT	CHANGE	SOURCE	NOTES
CLIMATE CHANGE & ADAPTATION: TARGETS	TARGET: Reduce communitywide greenhouse gas emissions by 20% below 2007 levels by 2025.							
	Greenhouse Gas Emissions	2007	2,447,746 mtCO2e	2021	2,080,506 mtCO2e	-15%	City of Lakewood Greenhouse Gas Inventory	Metric: metric tons of carbon dioxide equivalent (mtCO2e); Methodology: Global Protocol for Community-scale Greenhouse Gas Emission Inventories (GPC). GHG inventories are anticipated to be completed every 3 years. A 2024 community GHG Inventory will be completed in 2025.
	TARGET: Reduce communitywide greenhouse gas emissions by 50% below 2007 levels by 2050.							
	Greenhouse Gas Emissions	2007	2,447,746 mtCO2e	2021	2,080,506 mtCO2e	-15%	City of Lakewood Greenhouse Gas Inventory	Metric: metric tons of carbon dioxide equivalent (mtCO2e); Methodology: Global Protocol for Community-scale Greenhouse Gas Emission Inventories (GPC). GHG inventories are anticipated to be completed every 3 years. A 2024 community GHG Inventory will be completed in 2025.
	TARGET: Reduce municipal greenhouse gas emissions annually through 2025.							
	Municipal Greenhouse Gas Emissions	-	-	-	-	-	-	A 2024 municipal GHG Inventory will be completed in 2025

METRIC		BASELINE YEAR	BASELINE	MOST CURRENT YEAR	MOST CURRENT	CHANGE	SOURCE	NOTES
ENERGY, WATER, & THE BUILT ENVIRONMENT: TARGETS	TARGET: Generate 45% of municipal energy from renewable sources by 2025.							
	Percent of municipal energy from renewable sources	2010	12%	2023	63%	+51 points	Lakewood Annual Community Energy Report and Renewable Energy Standard Compliance Report, both by Xcel Energy	Systemwide service data for Public Service Co. of Colorado. This only includes electric energy. A full assessment has yet to be completed for energy from heating and transportation fuels. This data includes the solar energy subscription that began in 2019.
	TARGET: Generate 45% of residential energy from renewable sources by 2025.							
	Percent of residential energy from renewable sources	2010	12%	2023	51%	+39 points	Lakewood Annual Community Energy Report and Renewable Energy Standard Compliance Report, both by Xcel Energy	Systemwide service data for Public Service Co. of Colorado. This only includes electric energy. A full assessment is yet to be completed for energy from heating and transportation fuels.
	TARGET: Generate 45% of commercial and industrial energy from renewable sources by 2025.							
	Percent of commercial and industrial energy from renewable sources	2010	12%	2023	45%	+33 points	Lakewood Annual Community Energy Report and Renewable Energy Standard Compliance Report, both by Xcel Energy	Systemwide service data for Public Service Co. of Colorado. This only includes electric energy. A full assessment is yet to be completed for energy from heating and transportation fuels.
	TARGET: Reduce municipal building and facility energy use intensity by 30% by 2025.							
	Municipal energy use intensity (mmbtu per square foot)	2015	0.124	2023	0.119	-4%	City of Lakewood Community Resources Department and Sustainability Division	Includes electric and gas energy consumption normalized for weather. Based on data from occupied city buildings with energy use greater than 100 million British Thermal Units (mmbtu). The baseline value was updated in 2020 to reflect more accurate historical data.
	TARGET: Reduce citywide building energy use intensity by 20% by 2025.							
	Citywide energy use in megawatt hours (MWh)	2012	2,832,699	2023	2,908,505	+3%	Lakewood Annual Community Energy Report by Xcel Energy	Value represents total energy use consumption (electric and gas energy); data is not normalized for weather.
	TARGET: Reduce citywide water use by 20% by 2025.							
	Citywide water use in kilogallons	2010	8,762,212	2024	8,068,720	-8%	Denver Water	Weather normalized by Denver Water.
	TARGET: Increase the percentage of certified green buildings (new construction and renovations receiving occupancy permits) each year from 2015 to 2025.							
	Percentage of certified green buildings within citywide building stock	2010	6	2024	40	+34	Green Globes, USGBC LEED, and Living Building Challenge online project directories	Values represent cumulative number of LEED certified and Green Globes projects. Commercial citywide building stock is currently unavailable.

ENERGY, WATER, & THE BUILT ENVIRONMENT: INDICATORS								
METRIC		BASELINE YEAR	BASELINE	MOST CURRENT YEAR	MOST CURRENT	49	SOURCE	NOTES
	Indicator: Kilowatts of on-site solar energy installed	2010	1,023	2024	2,954	+189%	Permit Data from City of Lakewood Public Works Department	Metric reflects number of kW installed on an annual basis. Since 2010, a total of 23,480 kW of on-site solar has been permitted citywide. Significant increase in number of permits issued in 2024.
	Indicator: Number of residential subscribers to community solar projects and wind source	2015	Windsourc: 2,500 Solar Garden: 9	2023	Windsourc: 3,876 Solar Garden: 592 Renewable*Connect 96	Windsourc +55% Solar Garden +6,478%	Lakewood Annual Community Energy Report by Xcel Energy	The Renewable*Connect program began in 2019 and is at capacity.
	Indicator: Annual energy resource mix as reported by Xcel Energy	2010	Coal: 61% Natural Gas: 27% Wind: 10% Hydro: 1% Other (includes solar): 1%	2023	Coal: 26% Natural Gas: 32% Wind: 34% Hydro: 1% Solar: 8% Other: 0%	Coal: -35 Natural Gas: +5 Wind: +14 Hydro: 0 Solar: +8 Other: 0	Lakewood Annual Community Energy Report by Xcel Energy	May not add up to 100% due to rounding. Systemwide service data for Public Service Co. of Colorado. Includes Renewable Energy Credits not owned by Xcel Energy.
	Indicator: Residential electricity and gas costs	2015	Electricity \$0.12/kWh Natural Gas \$0.78/therm	2023	Electricity \$0.14/kWh Natural Gas \$1.16/therm	Electricity +17% Natural Gas +49%	Lakewood Annual Community Energy Report by Xcel Energy	-
	Indicator: Number of business subscribers to community solar projects and wind source	2015	Windsourc 16 Solar Garden 5	2023	Windsourc 16 Solar Garden 69 Renewable*Connect 97	Windsourc +0% Solar Garden +1,280%	Lakewood Annual Community Energy Report by Xcel Energy	The Renewable*Connect program began in 2019. The number of annual subscribers has remained fairly level.
	Indicator: Commercial electricity and gas costs	2015	Electricity \$0.09/kWh Natural Gas \$0.48/therm	2023	Electricity \$0.11/kWh Natural Gas \$0.72/therm	Electricity +22% Natural Gas +50%	Lakewood Annual Community Energy Report by Xcel Energy	-
	Indicator: Kilowatts of energy generated from on-site renewable energy systems for municipal buildings	2010	0	2023	0	N/A	City of Lakewood Community Resources Department	No on-site renewable energy systems for municipal buildings exist.
	Indicator: Kilowatts of energy purchased from off-site renewable energy systems for municipal buildings	2014	274 kW	2019	1,289 kW	+370%	City of Lakewood Sustainability Division	The city purchased 274 kW (no RECs) in 2014. In 2019, the city purchased an additional 1,015 kW (RECs). REC = Renewable Energy Credit.
	Indicator: Energy use intensity by sector	-	-	-	-	-	-	-

METRIC		BASELINE YEAR	BASELINE	MOST CURRENT YEAR	MOST CURRENT	CHANGE	SOURCE	NOTES
ENERGY, WATER, & THE BUILT ENVIRONMENT: INDICATORS	Indicator: Municipal energy use intensity (mmbtu/ft²)	2015	0.124	2023	0.119	-4%	City of Lakewood Community Resources Department	Includes both electric and gas energy consumption normalized for weather. Based on data from occupied city buildings with energy use greater than 100 million British Thermal Units (mmbtu). The baseline value was updated in 2020 to reflect more accurate historical data.
	Indicator: Water use by sector	-	-	-	-	-	-	Data not available.
	Indicator: Municipal water use	-	-	-	-	-	City of Lakewood Community Resources Department	Data to be collected upon implementation of utility tracking software.
	Indicator: Number of certified green building projects	2010	6	2024	40	+34	Green Globes, USGBC LEED, and Living Building Challenge online project directories	Values represent cumulative number of LEED certified and Green Globes projects. Commercial citywide building stock is currently unavailable.
	Indicator: Number of indoor air quality investigations and/or complaints filed with Jefferson County Public Health	-	-	-	-	-	-	Data not available.
	Indicator: Number of certified sites through the Sustainable Sites Initiative	2010	0	2024	0	0%	Sustainable Sites Initiative	No certified sites yet in Lakewood.

	METRIC	BASELINE YEAR	BASELINE	MOST CURRENT YEAR	MOST CURRENT	CHANGE	SOURCE	NOTES
SUSTAINABLE ECONOMY: TARGETS	TARGET: Increase local food assets annually through 2025.							
	Number of local food assets	2015	37	2024	56	+51%	City of Lakewood Planning Department	Includes community gardens, farms, Community Supported Agriculture (CSA) sites and farmers markets. High of 58 assets in 2019. Declines in 2020 and 2021 may have been related to the COVID-19 pandemic.
	TARGET: Achieve participation from 20 local businesses in the first three years of implementing a green business certification program.							
	Number of certified green businesses	-	-	-	-	-	-	City of Lakewood green business certification program to be established.
	TARGET: Increase the percentage of households in CDBG qualified neighborhoods spending less than 45 percent of income on housing and transportation costs to 60% by 2025.							
	Number of CDBG qualified neighborhoods spending less than 45% of income on housing and transportation costs	2013	24,399 households (92%)	N/A	N/A	N/A	Center for Neighborhood Technology (CNT) H + T Affordability index and City of Lakewood Planning Department	Due to challenges with data assumptions and lack of consistent methodology, the H + T Affordability Index will no longer be used to track this metric. Alternative data source may be needed.
	TARGET: Increase number of households above Living Wage Standard by 15% by 2025.							
	Number of households above the Living Wage Standard	2010	32,843 (53% of households)	2024	22,984 (32% of households)	-30%	US Census Bureau, H12: Average Household Size of Occupied Housing Units by Tenure, and B19001- Household Income for the Past 12 Months	Methodology originally sourced from STAR Community Rating System Technical Guide. Calculation based on the Living Wage for a single person multiplied by the average household size utilizing data from the MIT Living Wage Calculator and American Community Survey. The Living Wage includes mostly prior year expenses inflated to Q1 current year values.
	TARGET: Increase number of housing units within a designated Complete Neighborhood by 25% by 2025.							
	Number of housing units within a designated Complete Neighborhood	-	-	-	-	-	-	Criteria to be established after the completion of Sustainability Plan Strategy SE2-B, p. 65.

METRIC		BASELINE YEAR	BASELINE	MOST CURRENT YEAR	MOST CURRENT	CHANGE	SOURCE	NOTES
SUSTAINABLE ECONOMY: INDICATORS	Indicator: Location quotients of specifically identified sectors	-	-	-	-	-	-	Data not available.
	Indicator: Urban agriculture permits issued	2014	93	2024	23	-75%	City of Lakewood Planning Department	"Urban agriculture permits" are small animal permits; permits not required for zone districts R-1-9, R-1-12, R-1-18, and R-1-43. Spike in 2020 (61 new permits) likely due to COVID-19 pandemic. Data reported is number of new permits issued each year.
	Indicator: Acreage of community gardens and urban farms	2015	50+	-	-	-	City of Lakewood HEAL Cities & Towns Food Access Assessment Report	Data based on a single year report; only accounts for 7 of the 22 total community gardens and urban farms.
	Indicator: Funds deposited into locally owned and managed financial institutions	-	-	-	-	-	-	Data not available.
	Indicator: Unemployment level	2010	Avg rate: 10% Avg no.: 7,956	2024	Avg rate: 4.2% Avg no.: 3,772	Avg rate: -5.8 points Avg no.: -52.6%	Bureau of Labor Statistics Data Finder	Baseline reflects continued impacts of the Great Recession (2007-2009). Prior to COVID-19, unemployment was under 3%.
	Indicator: Jobs to labor force ratio	-	-	-	-	-	-	Data not available.
	Indicator: Average "click rate" for the city Economic Development electronic newsletter	2015	3.5%	2024	3%	-0.5 points	Mailchimp.com	-
	Indicator: Median household income	2010	\$70,329	2024	\$83,987	+27.3%	U.S. Census Bureau	2010 data adjusted to 2024 inflation.
	Indicator: Percentage of households that meet or exceed the living wage standard	2010	53%	2024	32%	-3 points	U.S. Census Bureau	Methodology pulled from STAR Community Rating System Technical Guide.
	Indicator: Percentage of households that spend more than 45% of income on housing and transportation costs	2013	45%	N/A	N/A	N/A	Center for Neighborhood Technology (CNT) H + T Affordability index	Due to challenges with data assumptions and lack of consistent methodology, the H + T Affordability Index will no longer be used to track this metric. Alternative data source may be needed.

METRIC		BASELINE YEAR	BASELINE	MOST CURRENT YEAR	MOST CURRENT	CHANGE	SOURCE	NOTES
SUSTAINABLE ECONOMY: INDICATORS	Indicator: Number of residents on waiting lists for subsidized units at MWHS properties	2015	200	2022	360	+80%	Metro West Housing Solutions	Metrics reported in households selected for wait list. No new applications in 2022, still working through 2021 wait list of 1,000. In 2022, 257 applications were processed, around 360 remaining on wait list.
	Indicator: Number of households in areas within a designated Complete Neighborhood	-	-	-	-	-	-	Criteria to be established after the completion of Sustainability Plan Strategy SE2-B, p. 65.
	Indicator: Jefferson County Schools postsecondary and workforce readiness score	2012-2013	Exceeds: 3 Meets: 0 Approaching: 4 Does not meet: 2	2024	Exceeds: 1 Meets: 5 Approaching: 2 Does not meet: 4	-	Colorado Department of Education	Number for each category represents number of high schools that meet each set of criteria. In response to disruptions created by COVID-19, Colorado paused the accountability system for two school years (2019-20 and 2020-21).
	Indicator: High school graduation rates and postsecondary educational attainment	2010	High School Grad & Higher: 90% Bach. Degree and higher: 36%	2023	High School Grad & Higher: 93.6% Bach. Degree and higher: 45.6%	High School Grad & Higher: +3.6 points Bach. Degree and higher: +9.6 points	U.S. Census Bureau	-
	Indicator: Participation in workforce development programs and skills training	2015	2,258 participants	-	-	-	American Job Center	Data not available.

	METRIC	BASELINE YEAR	BASELINE	MOST CURRENT YEAR	MOST CURRENT	CHANGE	SOURCE	NOTES
ZERO WASTE: TARGETS	TARGET: Achieve a 60% communitywide diversion rate by 2025.							
	Diversion rate	2010	9%	2023	16.7%	+7.7 points	Colorado Department of Public Health and Environment (CDPHE)	Baseline represents statewide MSW diversion. Most recent data represents MSW diversion for the Front Range Region. CDPHE updated methodology between 2018 and 2019 to separate Front Range Region from Greater Colorado; therefore, recent data may not be comparable to baseline year.
	TARGET: Achieve an 80% diversion rate at the Civic Center by 2025.							
	Pounds recycled and composted	2018	68,433 lbs	2021	28,836 lbs	N/A	City of Lakewood Hauler Reports	Due to a change in hauler, data for individual facilities is no longer available. Overall diversion for all city facilities was estimated 8%.
	TARGET: Achieve increased diversion rates for specific municipal facilities.							
	Pounds recycled and composted	2017	11th Ave - 6,192 lbs Patterson - 7,392 lbs Daniels - N/A Lasley - N/A	2021	11th Ave - 2,174 lbs Patterson - 1,951 lbs Daniels - 0 lbs Lasley - 1,313 lbs	11th Ave N/A Patterson N/A	City of Lakewood Hauler Reports	The four Head Start classrooms were selected to be tracked separately due to their zero waste program and youth impact. Significant impacts resulted from facility closures due to COVID-19. Due to a change in hauler reporting, data for individual facilities is no longer available.
	TARGET: Achieve a 90% diversion rate at City of Lakewood Earth Day and Cider Days events.							
	Diversion rate	2014	Cider Days: 87% Earth Day: 80%	2023	Cider Days: N/A Earth Day: 90%	Cider Days: N/A Earth Day: +10 points	City of Lakewood Community Resources and Planning Departments	Cider Days data was previously available due to event-specific waste audits, which were discontinued due to COVID-19.
	TARGET: Achieve a 60% residential diversion rate by 2025.							
	Diversion rate	2010	9%	2023	16.7%	+7.7 points	Colorado Department of Public Health and Environment	Same as communitywide diversion rate. Data by residential unit type not available.
	TARGET: Achieve a 60% construction and demolition diversion rate by 2025.							
	Diversion rate	2019	23.5%	-	-	-	City of Lakewood Sustainability Division	Baseline includes permit data from when ordinance enacted in 2018 through 2019.
	TARGET: Achieve a 60-90% diversion rate for priority waste streams.							
	Diversion rate	-	-	-	-	-	-	Priority waste streams to be established after the completion of Sustainability Plan Strategy ZW3-A, p. 89.

	METRIC	BASELINE YEAR	BASELINE	MOST CURRENT YEAR	MOST CURRENT	CHANGE	SOURCE	NOTES
ZERO WASTE: INDICATORS	Indicator: Number of residents engaged through zero waste outreach and education campaigns	2015	6 campaigns + events	2019	15 campaigns + events	+150%	City of Lakewood	Ongoing and embedded as best practice in city activities, Sustainable Neighborhood projects, and online resources. No longer tracking individual events and campaigns.
	Indicator: Number of city facilities that offer recycling and composting collection	2015	Composting: 2 Recycling: 19	2024	Composting: 9 Recycling: 23	Composting: +350% Recycling: +21%	City of Lakewood Sustainability Division	No additional facilities added to municipal hauling contracts since 2019. Does not include recycling containers at park sites.
	Indicator: Participation at special collection events	2015	Participation: 3,373 Pounds: 39,259 Gallons: 112	2024	Participation: 2,151 Pounds: 287,170	-	City of Lakewood Sustainability Division	Includes Sustainable Neighborhood Program events and the City's annual Clean-Up Day. Some special collection events like holiday lights and cooking oil stopped in 2019 due to increased year-round access for those and other hard-to-recycle materials through outside partners such as SustainAbility. Percent change not reported due to differing events included.
	Indicator: Volume of material collected at Quail Street Recycling Center	2012	1,200 tons	2024	1,094 tons	-9%	City of Lakewood Public Works Department	There were 68,921 visitors to the Quail Street Recycling Center in 2024.
	Indicator: Volume of hazardous material collected at Rooney Road Recycling Center	2004	131 tons	2024	251 tons	+92%	City of Lakewood Public Works Department	Lakewood is a Rooney Road Recycling Center Authority Management Committee member jurisdiction.
	Indicator: Residential diversion rate (seven units or fewer)	2010	9%	2023	16.7%	+7.7 points	Colorado Department of Public Health and Environment	Same as communitywide diversion rate. Data by residential unit type not available.
	Indicator: Percentage of residents with recycling/composting services	2016	Recycling: 66%	2024	Recycling: 20%	-	Licensed waste haulers	Baseline data based on a single year survey targeted toward single-family residences. Current data from major haulers operating in Lakewood.
	Indicator: Percentage of residents who compost at home	2016	22%	2024	<1%	-	Licensed waste haulers	Baseline data based on a single year survey targeted toward single-family residences. Current data from major haulers operating in Lakewood.
	Indicator: Residential diversion rate (more than eight units)	2010	9%	2023	16.7%	+7.7 points	Colorado Department of Public Health and Environment	Same as communitywide diversion rate. Data by residential unit type not available.

	METRIC	BASELINE YEAR	BASELINE	MOST CURRENT YEAR	MOST CURRENT	CHANGE	SOURCE	NOTES
ZERO WASTE: INDICATORS	Indicator: Percentage of multifamily residences with recycling/composting services	-	-	2024	3	-	Licensed waste haulers	Data represents number of multifamily developments that offer compost collection service to residents.
	Indicator: Commercial landfill diversion rates	2010	9%	2023	16.7%	+7.7 points	Colorado Department of Public Health and Environment	Same as communitywide diversion rate. Data specific to the commercial sector is not available.
	Indicator: Number of restaurants and grocery stores participating in food composting program	-	-	2024	8	-	Licensed waste haulers	Data represents number of businesses participating in compost collection service.
	Indicator: Number of individuals employed at reuse and resource recovery businesses	2015	34 businesses	2024	794 businesses	-	City of Lakewood Economic Development	Lakewood businesses were filtered by their NAICS codes and include repair, rental, recycling, and reuse activities.
	Indicator: C&D landfill diversion rates	2019	23.5%	-	-	-	City of Lakewood Sustainability Division	Baseline includes permit data from when ordinance enacted in 2018 through 2019.

METRIC		BASLINE YEAR	BASLINE	MOST CURRENT YEAR	MOST CURRENT	CHANGE	SOURCE	NOTES
COMMUNITY COHESION & PUBLIC HEALTH: TARGETS	TARGET: Increase the percentage of residents reporting "good" or "very good" satisfaction ratings for Lakewood's efforts in welcoming citizen involvement as reported in the City of Lakewood Citizen Survey to 60% by 2025.							
	Percentage of residents reporting "good" or "very good" satisfaction rating for welcoming citizen involvement in the Citizen Survey	2010	57%	2022	34%	-23 points	City of Lakewood Citizen Survey	Latest survey completed in 2022. Survey is conducted every 2-3 years. The satisfaction ratings have declined every year reported since 2010.
	TARGET: Increase resident subscriptions to the city communication tools each year through 2025.							
	Number of resident subscriptions to city e-newsletters	2015	31,251	2024	152,485	+388%	Mailchimp.com	Residents may subscribe to more than one e-newsletter and thus be double counted; some subscribers may not be Lakewood residents.
	TARGET: Certify 12 neighborhoods as "Outstanding Sustainable Neighborhoods" in the Sustainable Neighborhoods Program by 2025.							
	Number of Outstanding Sustainable Neighborhoods	2013	2	2024	10	+8	City of Lakewood Sustainability Division	The program began in 2012; the baseline reflects the program's first full year. There are a total of 10 neighborhoods in the program. Over the years, all have achieved "Outstanding" status; 9 achieved "Outstanding" status in program year 2023-2024.
	TARGET: Increase recreation program participation each year through 2025.							
	Number of participants in city recreation programs	2010	352,000	2024	474,496	34.8%	City of Lakewood Community Resources Department	Total number of visits to recreation facilities.
	TARGET: Eliminate USDA-defined food deserts in Lakewood.							
	Number of USDA-defined food deserts within the city boundary	2015	6	2022	2	-67%	U.S. Department of Agriculture Food Access Research Atlas	Food deserts are defined within tract boundaries. Only Jefferson County tracts are included.
	TARGET: Achieve community affordable housing targets.							
	TBD	-	-	-	-	-	-	Criteria to be established after the completion of Sustainability Plan Strategy CC3-A, p.113.
	TARGET: Increase the percentage of residents reporting "good" or "very good" satisfaction ratings for Lakewood programs for people with special needs, older adults, low-income persons and homeless people to above Front Range benchmarks.							
	Front Range benchmark comparison of the percentage of residents reporting "good" or "very good" satisfaction of programs for people with special needs, older adults, low-income persons, and homeless people	2010	Older Adults: Similar (60%) Special Needs: N/A Low-income: N/A Homeless: N/A	2022	Older Adults: N/A (48%) Special Needs: N/A (36%) Low-income: N/A (22%) Homeless: N/A (14%)	-	City of Lakewood Citizen Survey	No consistent Front Range comparison has been established yet. Latest citizen survey was conducted in 2022. Survey is conducted every 2-3 years.

METRIC		BASLINE YEAR	BASLINE	MOST CURRENT YEAR	MOST CURRENT	CHANGE	SOURCE	NOTES
COMMUNITY COHESION & PUBLIC HEALTH: INDICATORS	Indicator: Voter turnout in regular municipal elections	2010	71%	2024	69%	-2 points	City of Lakewood City Clerk's Office	A regular municipal election was last held in 2024 on Ballot Issue 2A.
	Indicator: Enrollment in citizen academies	2013	Planning Academy: 19 Police Academy: 24	2024	Planning Academy: N/A Police Academy: 21	Planning Academy: -100% Police Academy: -12.5%	City of Lakewood Planning and Police Departments	Planning Academy has been cancelled since 2020 due to ongoing impacts of COVID-19.
	Indicator: Number of applications for citizen boards and commissions	2014	24	2024	42	+75%	City of Lakewood City Clerk's Office	Number varies on how many board or commission openings occur that year.
	Indicator: Number of volunteers participating in city programs and activities	2014	47,955 hours	2024	15,581 hours	-67.5%	City of Lakewood Community Resources Department	Includes volunteer hours for HCA, BCLP, Planning and City Clerk. Volunteer numbers are slowly rising again after COVID-19 pandemic.
	Indicator: Total page views on Lakewood.org	2015	4,546,627	2024	2,874,000	-37%	Google Analytics	-
	Indicator: Number of followers of Lakewood social media channels	2015	20,773	2024	27,729	+33.5%	City of Lakewood City Manager's Office	-
	Indicator: Number of Google Translate requests for Lakewood.org web pages	-	-	2022	3,825	-	City of Lakewood City Manager's Office	Number of page views that used the translate button in the Lakewood.org header.
	Indicator: Minority resident satisfaction with the job Lakewood government does at welcoming citizen involvement	2010	52%	2022	45%	-7 points	City of Lakewood Citizen Survey	Latest survey conducted in 2022. Survey is conducted every 2-3 years.
	Indicator: Resident satisfaction with overall quality of life	2010	90%	2022	83%	-7 points	City of Lakewood Citizen Survey	Based on responses of "Good" and "Very Good." Latest survey conducted in 2022. Survey is conducted every 2-3 years.
	Indicator: Number of participants in the Sustainable Neighborhoods Program	2012 - 2013	763	2023 - 2024	7,385	+868%	City of Lakewood Sustainability Division	The program began in 2012; the baseline reflects the program's first full year. The program's credit year is from June 2023 through May 2024. Neighborhoods held 120 projects, special events, and workshops. In the lifetime of the program from June 2012 through May 2024, 101,491 people have participated in Sustainable Neighborhood activities.

METRIC		BASELINE YEAR	BASELINE	MOST CURRENT YEAR	MOST CURRENT	CHANGE	SOURCE	NOTES
COMMUNITY COHESION & PUBLIC HEALTH: INDICATORS	Indicator: Number of registered neighborhood organizations	2015	129	2024	75	-42%	City of Lakewood Planning Department	Includes registered HOAs and registered neighborhood associations.
	Indicator: Number of neighborhoods, households and people registered on NextDoor.com	2015	102 neighborhoods	2024	153 neighborhoods	+50%	NextDoor.com	-
	Indicator: Participation in Lakewood's Inspire Arts Week	2013	2,500	2022	2,782	-	City of Lakewood Community Resources	Low attendance likely due to ongoing impacts of COVID-19. Pre-pandemic attendance was 7,000-8,000 people.
	Indicator: Attendance at city Cultural and Heritage programs	2010	85,606	2022	1,165,635	+156%	City of Lakewood Community Resources	Overall participation rebounded in 2021 following significant impacts in 2020 due to COVID-19.
	Indicator: Annual number of public art installations	-	-	2022	Permanent: 66 Temporary: 72	-	City of Lakewood Community Resources + Comprehensive Planning	Data reflects the total of all public art installations in the City's collection.
	Indicator: Acreage of community gardens and urban farms	2015	50+	-	-	-	City of Lakewood HEAL Cities & Towns Food Access Assessment Report	Data based on a single year report; only accounts for 7 of the 22 total community gardens and urban farms.
	Indicator: Number of households in identified food deserts	2015	11,018	2022	4,062	-63%	United States Department of Agriculture Food Access Research Atlas	-
	Indicator: Resident's satisfaction with recreation programs and facilities	2010	Programs: 78% Facilities: 81%	2022	Programs: 73% Facilities: 75%	Programs: -5 points Facilities: -6 points	City of Lakewood Citizen Survey	Latest citizen survey was conducted in 2022. Survey is conducted every 2-3 years.
	Indicator: Number of unique visits to city recreation facilities	-	-	-	-	-	City of Lakewood Community Resources Department	Data not available.
	Indicator: Bicycle traffic counts	2017	Garrison St @ 500: 50 (Oct.) Bear Creek Trail E. of Estes: 106 (Aug.)	2024	Garrison St @ 500: 137 Bear Creek Trail E. of Estes: 94	Garrison St @ 500: +174% Bear Creek Trail E. of Estes: -11%	City of Lakewood Public Works Department	Reported as average weekday usage.
	Indicator: Level of Bicycle or Walk Friendly Community certification	2014	Bronze	2024	Bronze	-	The League of American Bicyclists Bicycle Friendly Community Report Card	Bicycle Friendly Community Certification valid for four years. Recertified at the Bronze level in 2024.

	METRIC	BASELINE YEAR	BASELINE	MOST CURRENT YEAR	MOST CURRENT	CHANGE	SOURCE	NOTES
COMMUNITY COHESION & PUBLIC HEALTH: INDICATORS	Indicator: Jefferson County public health selected health conditions and causes of death	2011	Leading Causes of Death: Cancer: 21% Cardiovascular Diseases: 24% Unintentional Injuries: 7%	2024	Leading Causes of Death: Cancer: 19% Heart Disease: 25% Unintentional Injuries: 9%	Leading Causes of Death: Cancer: -2 Cardiovascular Diseases: +1 Unintentional Injuries: -2	Jefferson County Public Health Community Health Assessment	In 2021, COVID-19 was the third leading cause of death at 9%; unintentional injuries were fourth. Cardiovascular diseases were reported as heart disease starting in 2018. Community Health Assessment is completed every 3 years. Data reported for Jefferson County as a whole.
	Indicator: Number of residents on waiting lists for subsidized units at Metro West Housing Solutions properties	2015	200	2022	360	+80%	Metro West Housing Solutions	Metrics reported in households selected for wait list. No new applications in 2022, still working through 2021 wait list of 1,000. In 2022, 257 applications were processed, around 360 remain on wait list.
	Indicator: Percentage of households that spend more than 45% of income on housing and transportation costs	2013	45%	N/A	N/A	N/A	Center for Neighborhood Technology (CNT) H + T Affordability index	Due to challenges with data assumptions and lack of consistent methodology, the H + T Affordability Index will no longer be used to track this metric. Alternative data source may be needed.
	Indicator: Participation in City of Lakewood Family Services programs	2015	56,167	2024	20,976	-	City of Lakewood Community Resources Department	Reported as total annual attendance, not unique participants. As of 2022, Before and After Care programs are no longer included in these figures as they have been realigned under Recreation, so percent change is not calculated. Staffing shortages limited the number of Head Start classrooms in 2022.
	Indicator: Number of people served through the Action Center	-	-	2024	15,540 households	-	The Action Center	Data does not represent unique households; multiple visits to the same household may be duplicated.
	Indicator: Resident's feelings of safety	2013	In your neighborhood during the day: 96% Walking alone in your neighborhood after dark: 72%	2022	In your neighborhood during the day: 94% Walking alone in your neighborhood after dark: 61%	In your neighborhood during the day: -2 points Walking alone in your neighborhood after dark: -9 points	City of Lakewood Citizen Survey	Latest citizen survey was conducted in 2022. Survey is conducted every 2-3 years.

NATURAL SYSTEMS: TARGETS								
METRIC	BASELINE YEAR	BASELINE	MOST CURRENT YEAR	MOST CURRENT	CHANGE	SOURCE	NOTES	
TARGET: Increase the acreage of functional and healthy natural ecosystems.								
Acreage of functional and healthy natural systems	-	-	-	-	-	-	Criteria to be established after the completion of Sustainability Plan Strategy NS1-C, p. 128.	
TARGET: Ensure that all waters within Lakewood meet or exceed the CDPHE's Water Quality Standards for the uses assigned.								
Number of waters in Lakewood that meet or exceed the CDPHE's Water Quality Standards	2015	1 body of water impaired	2024	4 bodies of water impaired	+300%	Colorado Department of Health and Environment, Water Quality Control Commission, Colorado's Section 303(D) List of Impaired Waters and Monitoring and Evaluation List	CDPHE monitors all waterways in the state of Colorado, and over the last several years has been in the process of updating and recalibrating water quality standards. As this occurs, it is anticipated that additional waterways within Lakewood may become identified as "impaired" and require more frequent monitoring. Currently, Bear Creek Reservoir, two segments of Bear Creek, and one segment of Sandersen Gulch are identified as "impaired." Public Works and Community Resources staff work closely with CDPHE to maintain quality of waterways in the city through the Municipal Separate Storm Sewer System (MS4) permit process.	
TARGET: Achieve 30% tree canopy coverage by 2025.								
Percent coverage	2011	7.8%	2021	18%	-	Lakewood Forestry Division's Treeplotter Software	Baseline established with i-Tree landscape tool using 2011 NLCD data; more recent datasets are not currently available within the tool. DRCOG 2018 LULC data was available for the first time in 2020 as an alternative data source. This dataset was repeated in 2020 (available in 2022). In 2022, the City of Lakewood Forestry Division completed an urban tree canopy assessment comparing USDA NAIP data from 2011 and 2019. The Lakewood Urban Tree Canopy Assessment included Treeplotter software, which now reports tree canopy coverage using 2021 data. Percent change not reported due to differing data sources.	

	METRIC	BASELINE YEAR	BASELINE	MOST CURRENT YEAR	MOST CURRENT	CHANGE	SOURCE	NOTES
NATURAL SYSTEMS: INDICATORS	Indicator: Acreage of land cover by habitat type	2011	Developed: 20,904.2 acres Forest: 195 acres Wetland: 927.5 acres Water: 642.9 acres Other: 5,529.1 acres Cultivated: N/A	-	-	-	i-Tree Landscape Tool	i-Tree uses NLCD land cover, tree canopy, and impervious surface data; "other" includes shrub/scrub, grassland/herbaceous, and barren land. Data has not been updated since 2011; an alternative data source may be needed to continue tracking this metric.
	Indicator: Acres of Colorado List A noxious weed species on city owned property	2015	30	2024	14	-53%	City of Lakewood Community Resources Department	List A noxious weed species currently/ formerly seen and controlled: purple loosestrife, orange hawkweed, myrtle spurge, cypress spurge. Japanese knotwood confirmed. Significant decrease in 2020 due to more accurate mapping availability.
	Indicator: Population counts of key indicator species	-	-	-	-	-	City of Lakewood Community Resources Department	No official inventory or identification process has been established; species most likely include native pollinators, bats and some amphibians.
	Indicator: Number of developments that have installed or retrofitted BMP's to improve water quality	2015	57	2022	349	New in 2022: 39	City of Lakewood Public Works Department	Most current data is cumulative total, including 2015. All water quality BMPs are inspected annually.
	Indicator: Number of environmental education programs and outreach events	2013	108	2024	105	-3%	City of Lakewood Community Resources Department	Much of programming shifted to virtual in 2020 due to COVID-19.
	Indicator: Attendance at Lakewood's annual Earth Day Celebration	2012	500	2023	1,100	+120%	City of Lakewood Sustainability Division	The 2023 Earth Day Celebration was impacted by snow.
	Indicator: Percentage of permeable land	2011	68%	2020	64%	-	Denver Regional Council Of Governments (DRCOG) Land Use Land Cover (LULC) Data	Baseline established with i-Tree landscape tool; data has not been updated since 2011. DRCOG 2018 Land Use Land Cover data available for the first time in 2020 as an alternative data source. DRCOG data not comparable to i-Tree data.
	Indicator: Percentage of 100-year flood plain w/ vegetative coverage	-	-	-	-	-	-	Data not available.

	METRIC	BASELINE YEAR	BASELINE	MOST CURRENT YEAR	MOST CURRENT	CHANGE	SOURCE	NOTES
TRANSPORTATION: TARGETS	TARGET: Convert all streetlights to LED or other high efficiency lighting technologies by 2025.							
	Number of LED streetlights	2015	94 / 1.2%	2025	1,359 / 18.2%	+17 points	City of Lakewood Public Works Department	There are 7,954 streetlights in Lakewood. All city-owned streetlights are now LED. In 2018, the city entered into a deal with Xcel Energy requiring all streetlight repairs to include LED replacements.
	TARGET: Reduce Lakewood's daily per capita VMT by 10% by 2025.							
	Vehicle miles traveled (VMT)	2015	16.5	2020	17.41	N/A	Denver Regional Council of Governments (DRCOG) Travel Models	Travel models are updated at least annually based on behavioral and land use data, and are used to forecast travel demand. Per DRCOG, previous models should not be compared due to changes in methodology.
	TARGET: Reduce the percent of trips to work by single-occupancy vehicles from 75% to 65% by 2025.							
	Number of single-occupancy vehicle trips	2010	54,989	2023	57,634	+5%	United States Census Bureau	This metric reports the number of people who commuted by driving alone.
	Percent of trips to work that are single-occupancy	2010	79%	2023	63.3%	-15.7 points	United States Census Bureau	This metric reports the percentage of workers who usually commute to work alone.
	TARGET: Decrease petroleum-based fuel consumption of the city fleet by 10% by 2025.							
	Gallons of petroleum-based fuel consumed	2010	330,505	2024	312,611	-5.4%	City of Lakewood Public Works Department	Data not normalized for weather.





	METRIC	BASELINE YEAR	BASELINE	MOST CURRENT YEAR	MOST CURRENT	CHANGE	SOURCE	NOTES
TRANSPORTATION: INDICATORS	Indicator: Annual vehicle miles traveled in street maintenance operations	2010	156,865	2024	199,865	+27%	City of Lakewood Public Works Department	Data not normalized for weather.
	Indicator: Concentration of criteria air pollutants	-	-	-	-	-	-	Data not available.
	Indicator: Street construction waste diversion rates	-	-	-	-	-	City of Lakewood Public Works Department	Per city regulations, no waste is generated. All materials for street construction programs (concrete and overlay) are recycled or reused.
	Indicator: Percentage of recycled materials used in street maintenance and construction	-	-	-	-	-	City of Lakewood Public Works Department	Materials being recycled are asphalt binder and aggregates; per city, no more than 20% recycled asphalt pavement (RAP) may be used on collector and arterial streets overlay; no more than 30% RAP on patching, minor collectors and residential streets.
	Indicator: Street and signal lighting energy use	2013	7,024,646 kWh	2022	6,561,457 kWh	-7%	City of Lakewood Public Works Department	Data includes metered, non-metered, flasher and flat rate usage.

	METRIC	BASELINE YEAR	BASELINE	MOST CURRENT YEAR	MOST CURRENT	CHANGE	SOURCE	NOTES
TRANSPORTATION: INDICATORS	Indicator: Commuter mode split	2010	Drove alone: 79% Carpooled: 9% Transit: 4% Walked: 2% Other: 6%	2023	Drove alone: 63.3% Carpooled: 8.5% Transit: 2.2% Walked: 2.7% Other: 22.5%	Drove alone: -15.7 points Carpooled: -0.5 points Transit: -1.8 points Walked: +0.7 point Other: +16.5 points	United States Census Bureau	2022 data shows extended impacts of COVID-19 pandemic, with a sustained increase in remote work.
	Indicator: Transit ridership	2010	3,959,935	2024	2,978,179	-25%	Regional Transportation District, Service Development Department	Data derived from RTD reports; data reflects the average annual ridership based on average total daily passengers at each bus and light rail stop in Lakewood. Ridership trend is rising again following impacts of COVID-19 pandemic.
	Indicator: Percentage of household income spent on transportation	2013	19%	N/A	N/A	N/A	Center for Neighborhood Technology (CNT) H + T Affordability index	Due to challenges with data assumptions and lack of consistent methodology, the H + T Affordability Index will no longer be used to track this metric. Alternative data source may be needed.
	Indicator: Bicycle level of service	-	-	-	-	-	-	Methodology undetermined.
	Indicator: Number of miles of bike trails and routes and number and length of missing segments	2015	317 mi. of trails and routes	2024	120 mi. of trails and routes	-62% for trails and routes	City of Lakewood Public Works Departments	Includes bike lanes, paved shoulders, shared roadways and shared use paths. Bike lanes and paved shoulders reported as lane miles; shared roadways and shared use paths reported as centerline miles.
	Indicator: Bicycle traffic counts	2017	Garrison St @ 500: 50 Bear Creek Trail E. of Estes: 106	2024	Garrison St @ 500: 137 Bear Creek Trail E. of Estes: 94	Garrison St @ 500: +174% Bear Creek Trail E. of Estes: -11%	City of Lakewood Public Works Department	Reported as average weekday usage.
	Indicator: Number of alternative fuel vehicles in Lakewood	2015	Jeffco: 275	2024	Jeffco: 20,103	Jeffco: +7,210%	Colorado Energy Office	Data reported is countywide and includes only BEV and PHEV electric vehicles. Data for other fuel types not readily available.
	Indicator: Number of alternative fuel vehicles in the City's fleet	2015	5	2024	38	+660%	City of Lakewood Public Works Department	First Generation Prius Hybrid, two Chevy Volts, Honda Civic, Ford Escape, and Ford Explorer.
	Indicator: Number of alternative fuel stations in Lakewood	2015	7	2024	70	+900%	US Department of Energy	The number of LPG stations declined from 4 to 2 between 2020 and 2021. The number of EV stations increased from 17 to 23 between 2021 and 2022. The total number of EV charging ports is 73.
	Indicator: Average miles per gallon of vehicles in Lakewood	-	-	-	-	-	Colorado Department of Revenue, Division of Motor Vehicles	Data not available.

APPENDIX B

STATUS OF IMPLEMENTATION STRATEGIES

The rating system used in this report places implementation strategies into four categories:

	The strategy implementation is complete .
	Significant progress has been made on implementing this strategy.
	Implementation is underway .
	Implementation has not started .



Complete







Significant Progress



Implementation Underway



Not Started

PROGRESS		STRATEGY	NOTES
CLIMATE CHANGE & ADAPTATION		CCA1-A Greenhouse Gas Data Collection, Tracking and Reporting. <i>Regularly monitor Lakewood's greenhouse gas emissions.</i>	Community GHG inventories have been completed for 2007, 2015, 2018, and 2021. The next communitywide inventory will be completed in 2025 using 2024 data. A 2024 Municipal GHG inventory is also underway.
		CCA1-B Greenhouse Gas Reduction Strategies. <i>Utilize emission reduction assessments to prioritize and implement greenhouse gas reduction strategies.</i>	The 2022 Article 13 Sustainable Development updates to the zoning ordinance included a GHG Performance Standard for all new development and a GHG Mitigation Program to help developments offset their emissions. Fees-in-lieu collected fund a Climate Protection Program to implement GHG reduction strategies. Staff has also started the planning process for Benchmarking and Building Performance standards.
		CCA1-C Climate Change Vulnerability Study <i>Conduct a climate change vulnerability assessment, recognizing that future conditions and threats will be different from current or historical conditions.</i>	The Jefferson County Multi-Hazard Mitigation Plan adopted in December 2021 included impacts of climate change on local hazards. With funding from the FEMA HMPG program, Sustainability staff spent 2024 working with a consultant to further explore the social vulnerabilities associated with climate change in Lakewood. The Climate Hazard & Social Vulnerability Report was published in May 2025.
		CCA1-D Climate Preparedness Plan <i>Based on the climate change vulnerability study, develop a climate preparedness plan to prepare for multiple climate futures.</i>	The Jefferson County Multi-Hazard Mitigation Plan adopted in December 2021 included impacts of climate change on local hazards. In 2024, Sustainability staff was working on the Climate Hazard & Social Vulnerability Study and integrated many concepts supporting climate action into the Envision Lakewood 2040 Comprehensive Plan. The final study results and the Envision Lakewood 2040 framework will inform future planning efforts to determine what specific Climate plans may be needed.



Complete






Significant Progress



Implementation Underway



Not Started

PROGRESS		STRATEGY	NOTES
ENERGY, WATER, & THE BUILT ENVIRONMENT		BE1-A Renewable Energy Transmission and Generation <i>Expand renewable energy generation and access while ensuring necessary transmission infrastructure.</i>	Ongoing opportunity to prioritize as part of the current Energy Futures Collaborative with Xcel Energy. Renewable sources of electricity generation expected to increase annually as part of Xcel's Renewable Energy Plan.
		BE1-B District-Scale Sustainability <i>Establish unique districts within Lakewood where community sustainability goals are achieved through customizable guidelines.</i>	Federal Center property was originally identified as a potential site for this strategy. No alternative site has yet been identified.
		BE1-C Sustainable Energy and Water Resource Center <i>Establish a resource center to provide information and consulting services to residents and businesses related to energy and water conservation and renewable energy generation.</i>	Implementation of online webpage will be ongoing to ensure up-to-date resources.
		BE1-D Municipal Renewable Energy Generation <i>Develop a municipal renewable energy generation strategy to increase the percentage of municipal energy and fuel generated from renewable sources such as wind, solar, advanced biofuels and other alternatives to fossil fuels.</i>	This is an ongoing prioritized strategy for implementation. Staff has identified several pathways that could facilitate 100% renewable electricity for municipal buildings. A solar feasibility study was completed in 2022 to identify next steps for on-site solar production.
		BE2-A Efficiency in Resource Intensive Buildings <i>Target resource intensive buildings for efficiency improvements.</i>	Staff is developing a Benchmarking and Building Performance program for Lakewood's largest buildings. In 2023, Lakewood launched its first residential water incentive program to reduce outdoor water use, which is ongoing.
		BE2-B Reporting & Benchmarking Energy and Water Use <i>Develop a campaign to encourage voluntary benchmarking of energy and water consumption at the building or site scale through the use of utility data tracking software.</i>	In 2020, the state of Colorado passed legislation establishing energy benchmarking and performance standards for buildings over 50,000 square feet. Lakewood staff is supporting compliance with the state's program for city buildings, and working on a separate Benchmarking and Building Performance ordinance to complement the state's program for buildings in Lakewood.
		BE2-C Resource Efficient Municipal Facilities <i>Effectively manage and reduce municipal energy and water use.</i>	Continued implementation of utility management software and energy performance contracts. A new sustainable operations specialist was hired in 2024 to focus on the city's internal sustainability efforts, including increasing municipal facility efficiency.
		BE2-D Resource Efficient Building Codes <i>Conduct a review of the newest edition of building and energy codes on a regular basis to ensure the best fit for protecting life and safety, economic climate and support of city sustainability goals.</i>	The 2021 International Energy Conservation Code (IECC) was adopted in 2023. The State of Colorado adopted a Model Electric and Solar Ready Code with provisions for EV charging requirements and solar readiness that must be included when adopting or updating any building code between July 1, 2023 and June 30, 2026. A forthcoming Colorado Model Low Energy and Carbon Code intended to minimize overall carbon dioxide emissions associated with new and renovated homes and commercial buildings is being drafted; cities and counties with building codes must adopt these codes when they update any other building codes after July 1, 2026.



Complete






Significant Progress



Implementation Underway



Not Started

PROGRESS		STRATEGY	NOTES
ENERGY, WATER, & THE BUILT ENVIRONMENT		BE3-A LEED Standards for Municipal Buildings <i>Adopt an ordinance requiring that all newly constructed municipal buildings with year-round occupancy meet at least LEED Silver standards from the USGBC.</i>	While a formal policy for municipal buildings has not been adopted, other development standards also apply to municipal buildings. LEED Silver or Gold certification is included as an option to fulfill Enhanced Development Menu requirements in Article 13 of the zoning ordinance. LEED certifications may also help municipal buildings meet State and local energy benchmarking and performance standards.
		BE3-B Green Building Construction and Retrofits <i>Target significant developments for green building and sustainable site design support, including minimizing hazardous materials, creating healthy indoor spaces, resource efficiency and using locally and sustainably sourced materials.</i>	Resources for developers are available in the city's Energy and Water Resource Center. Green building certifications are available as an option to fulfill Enhanced Development Menu requirements for new construction and major remodels and to help mitigate emissions for the Greenhouse Gas Performance Standard, both part of the 2022 Article 13 updates. Efforts to create programs to help retrofit existing buildings and to establish a local benchmarking standard are underway.
		BE3-C Sustainable Site Planning and Development <i>Integrate key elements of the Sustainable Sites Initiative (SSI) to integrate into the city's site planning standards.</i>	Various elements were adopted as part of the Lakewood Development Dialogue zoning code update process in 2018, and updated through the 2019 Enhanced Development Menu and 2022 Sustainable Development Standards amendments. Additional opportunities for sustainable site planning and design will be considered as part of updates to the Comprehensive Plan and other regulatory documents currently underway and anticipated for adoption in 2025.



Complete










Significant Progress



Implementation Underway



Not Started

PROGRESS		STRATEGY	NOTES
SUSTAINABLE ECONOMY		SE1-A Local and Healthy Food <i>Develop a comprehensive strategy in order to increase production, availability, and consumption of locally grown, affordable, and healthy food.</i>	Several assessments were completed in 2015 along with various projects. No citywide comprehensive strategy has been developed.
		SE1-B Local Products and Services <i>Develop a comprehensive strategy in order to increase the production, availability, and consumption of local products and services.</i>	The Economic Development team established the Lakewood Local brand, webpage, and online map to help residents identify local businesses that are open in their area during the COVID-19 recovery. In 2024, the Sustainability Division hired a position focused on Zero Waste and Circularity to support circular economy strategies.
		SE1-C Live Local and Hire Local Campaign <i>Develop a brand and marketing campaign that promotes use of local goods and services along with a hire local Lakewood campaign to encourage businesses to hire local talent.</i>	The Economic Development team established the Lakewood Local brand, webpage, and online map to help residents identify local businesses that are open in their area during the COVID-19 recovery. In 2024, the Sustainability Division hired a position focused on Zero Waste and Circularity to support circular economy strategies.
		SE1-D Local Investment <i>Facilitate investment and entrepreneurship in the local economy.</i>	Existing programs are available through partner agencies and organizations.
		SE1-E Sustainable Business Hub and Certification Program <i>Form a dynamic community to foster a self-reliant local economy, increase adoption of sustainable business practices, and set a standard for business sustainability by connecting businesses to local producers, potential employees, the education community, technical resources, existing sustainability and economic development programs, and funding opportunities.</i>	Businesses can participate in state-level programs through the Colorado Green Business Network.
		SE2-A Self-Sufficiency Education <i>Host events and provide information for residents to encourage self-sufficient household practices.</i>	The online Sustainability Resource Center provides information on various sustainable practices and has been updated for greater accessibility. Sustainable Neighborhoods host educational workshops and events for Lakewood residents with assistance from city staff.
		SE2-B Complete Neighborhood Index <i>Develop an index for assessing the completeness of neighborhoods in order to reduce transportation costs, build community cohesion, increase housing values, and provide other household and community benefits.</i>	Local strategic planning efforts, such as the Union Neighborhood Vision Plan and the ArtLine Framework Plan, help assess the completeness of those areas based on their individual contexts. Establishing a completeness index to apply to future planning efforts may be a desirable action step following the Comprehensive Plan update in 2025.



Complete











Significant Progress



Implementation Underway



Not Started

	PROGRESS	STRATEGY	NOTES
ZERO WASTE		ZW1-A Zero Waste Outreach and Education Campaign <i>Develop sector-specific outreach materials and educational campaigns to promote zero waste concepts and resources.</i>	Recycle! It's Good for Lakewood Campaign was launched in 2018, and resources are available on Lakewood.org. Outreach and education efforts are ongoing.
		ZW1-B Municipal Facility Zero Waste Programs <i>Develop customized zero waste strategies for new and existing municipal facilities based on the type of use and users, waste characteristics and unique constraints.</i>	Compost and recycling services to municipal facilities includes the Civic Center buildings, four Head Start facilities and Heritage Lakewood Belmar Park. An additional full-time employee was hired in 2024 to focus on citywide zero waste efforts.
		ZW1-C Green Procurement Program <i>Expand the city's green procurement program for the preferential purchase of green products and services and provide guidance for implementation.</i>	Previous efforts included staff trainings, group purchasing of sustainable products and preferred vendor lists for sustainable and healthy caterers. Updates to these materials are ongoing.
		ZW1-D Municipal Zero Waste Tools <i>Develop resources and tools for City employees and facility users to support zero waste events, meetings and operations.</i>	Ongoing expansion of toolkits, resources and trainings. A zero waste meeting kit pilot was implemented in 2024 for use of employees in Civic Center North building, and several city events have successfully been zero waste.
		ZW1-E Reuse and Resource Recovery Facilities <i>Assess existing resource recovery facilities and infrastructure for capacity and material limitations in order to expand opportunities for landfill diversion.</i>	Resources are available on the sustainability website to help identify outlets for organic waste, household hazardous waste, and hard-to-recycle materials. Construction and demolition waste resources have been updated including a directory of haulers, recycling facilities, and reuse outlets. The State of Colorado has also assessed infrastructure and facilities in preparation for implementation of HB22-1355.
		ZW1-F Yard Waste Collection Site and Services <i>Establish a collection site and provide supportive services to divert yard waste from landfills and generate revenue for expanded recycling and sustainability services.</i>	Periodic community collection events provided by city, including several neighborhood-initiated leaf collections through the Sustainable Neighborhoods Program. Lakewood participated in the effort to establish a new slash recycling site in Jefferson County at Tincup Ridge.
		ZW2-A Residential Curbside Recycling and Waste Diversion <i>As an immediate priority, present City Council with potential programs and policies for residential waste haulers that address the inclusion of recycling services in collection contracts, minimize impacts to neighborhoods from traffic and noise and explore the use of variable rate collection systems where the cost of service is based on the volume of trash generated.</i>	Staff initiated a robust community outreach effort in 2018 and used the collected feedback and additional research to compile a comprehensive report on the existing residential waste collection system in January 2019. In June 2019, staff produced a report detailing alternative residential waste collection systems for Lakewood to consider. City Council referred a question to the ballot, and in November 2019 voters opted not to proceed with a contracted hauler system. This implementation item is complete.
		ZW2-B Residential Organic Waste <i>Provide opportunities for residents to divert organic waste from landfills.</i>	Neighborhood-initiated leaf collections and composting workshops through the Sustainable Neighborhoods Program. City classes on backyard composting. Growing options for service providers for organics collection. Compost collection was incentivized for new development through the 2022 Sustainable Development Standards. Additional resources available on Sustainability website.



Complete







Significant Progress



Implementation Underway



Not Started

PROGRESS		STRATEGY	NOTES
ZERO WASTE		ZW2-C Multifamily Recycling and Composting <i>Assist multifamily developers, owners, managers and homeowner associations in implementing recycling and composting programs in residential developments.</i>	The 2022 Sustainable Development Standards include options to incentivize recycling and composting through the Enhanced Development Menu and Greenhouse Gas mitigation strategies. Colorado adopted a Producer Responsibility Program that will fund recycling service to all residents in the state beginning in 2026, and Sustainability staff are actively engaged in supporting this effort.
		ZW3-A Commercial Waste Assessment and Prioritization <i>Assess commercial waste systems to identify gaps in resource recovery facilities and prioritize the development of programs and policies.</i>	Lakewood collaborates with regional partners and organizations, including Recycle Colorado and Circular Colorado, to identify infrastructure and facility needs and to promote end markets for recycled materials.
		ZW3-B Commercial Waste Diversion Programs and Policies <i>Develop commercial waste diversion programs and policies that support responsible disposal choices, enhance efficiency, minimize environmental impacts and convert waste into valuable products.</i>	
		ZW3-C Construction and Demolition Waste <i>Adopt construction and demolition (C&D) waste diversion requirements and provide supportive materials for businesses.</i>	The building code requires developments over 2,500 sf to recycle C&D waste, and zoning code updates adopted in 2022 further incentivize compliance through a performance deposit and refund program. Resources are available for contractors online and at city offices.



Complete










Significant Progress



Implementation Underway



Not Started

PROGRESS		STRATEGY	NOTES
COMMUNITY COHESION & PUBLIC HEALTH		CC1-A Diversity in Civic Participation and Leadership <i>Build capacity for residents of all ages, abilities and backgrounds to participate in civic life and assume leadership roles in order to ensure accurate representation of the city's diverse population.</i>	Multiple projects on LakewoodTogether.org and LakewoodSpeaks.org. Several neighborhood leaders from the Sustainable Neighborhoods Program have been appointed and elected to City Council and boards and commissions.
		CC1-B Open and Honest Communication <i>Support the city's core community value of open and honest communication.</i>	Expanded multilingual resources provided by the City Manager's Office, and employee intercultural awareness trainings provided by the Human Resources Department. The city website has been made compliant for digital accessibility.
		CC1-C Social Resilience and Personal Networks <i>Strengthen and expand community social networks to foster collaboration, communication and cooperation.</i>	Ongoing development and support of a variety of programs and networks. The Climate Hazard & Social Vulnerability Study included a survey that asked community members about resilience and community networks for support during extreme weather events.
		CC1-D Sustainable Neighborhoods Program <i>Expand the Sustainable Neighborhoods Program and the Sustainable Neighborhood Network in order to encourage direct resident action, assist residents in enhancing neighborhood sustainability and reduce the environmental footprint of residents.</i>	The Sustainable Neighborhood Network became a 501(c)(3) organization in 2021, and now includes 10 Lakewood neighborhoods and the cities of Denver, Fort Collins, and Wheat Ridge, Colorado, and Sedona, Arizona. Continued expansion will require additional resources (staff and funding).
		CC1-E Arts, Culture, and Events <i>Recognize arts, culture and community events as important components of sustainability.</i>	Significant expansion of creative industries and ongoing integration of art and sustainability projects and programs through the 40West Arts District. Public art and social connection amenities are incentivized in new development through the Enhanced Development Menu. The Public Art Plan was updated throughout 2024 and adopted in early 2025.
		CC2-A Regional Health Efforts and Organizations <i>Collaborate with regional partners in order to identify critical issues, develop programs and policies, and track effectiveness.</i>	Ongoing participation by city staff in county efforts and programs.
		CC2-B Local and Healthy Food <i>Develop a comprehensive strategy in order to increase production, availability and consumption of locally grown, affordable and healthy food.</i>	Several assessments completed along with various projects. No citywide comprehensive strategy developed.
		CC2-C Community Physical Wellness Programs <i>Promote healthy eating and active living programs in businesses, schools and other community organizations.</i>	Several ongoing programs with local schools through Sustainable Neighborhoods Program. Overlaps with CC2-A.
		CC2-D Access to Physical Activity Facilities and Programs <i>Increase use of physical activity facilities and participation in recreation classes and programs.</i>	Variety of projects/services including Lakewood Possibilities Fund, development of Carmody Universal Playground, Addenbrooke Outdoor Fitness court, and Green Mountain Recreation Center Fitness Court. Community Resources Dept. adopted the ImagineTomorrow! Master Plan update in 2023.



Complete








Significant Progress



Implementation Underway



Not Started

PROGRESS		STRATEGY	NOTES
COMMUNITY COHESION & PUBLIC HEALTH		CC2-E Design for Active Living <i>Integrate key elements of the Center for Active Design's Active Design Guidelines into the city's development guidelines.</i>	
		CC3-A Affordable Housing <i>Create and periodically update a locally-adopted comprehensive housing strategy in collaboration with other jurisdictions and organizations in the region.</i>	Strategic housing plan was adopted in 2023. Development incentives through zoning ordinance (Enhanced Development Menu and height bonus) to provide affordable housing. The Envision Lakewood 2040 Comprehensive Plan update integrates additional policies to address affordability.
		CC3-B Community Happiness <i>Catalyze happiness by designing spaces and supporting services that support mental wellness.</i>	Multiple city programs support mental wellness including recreation, parks, and public art. Efforts to design for health are included in Envision Lakewood 2040.
		CC3-C Aging In Place <i>Develop and support programs, policies and resources that allow residents to age in place.</i>	Handful of programs/efforts underway related to this strategy including the housing study, Sustainable Neighborhoods Program projects, recreation programs, etc. The 2022 Sustainable Development Standards included incentives for Universal Design.
		CC3-D Access to Human and Family Services <i>Support programs and services that enable residents to meet their fundamental needs.</i>	Variety of programs offered by the city and community organizations. New homeless navigator positions have been added to help homeless people access services.



Complete



Significant Progress



Implementation Underway



Not Started

PROGRESS		STRATEGY	NOTES
NATURAL SYSTEMS		NS1-A Culture of Ecological Stewardship <i>Facilitate communitywide stewardship of Lakewood's natural heritage by advancing understanding of the importance of biological diversity and the value of ecosystem services.</i>	Culture of stewardship across city departments. Assorted programs and outreach efforts to the public.
		NS1-B Landscape and Agricultural Stewardship <i>Reduce the impacts to ecosystem health, air and water quality resulting from landscaping and agricultural practices in Lakewood.</i>	Significant number of workshops and projects through the Sustainable Neighborhoods Program including the Bee Safe initiative.
		NS1-C Biodiversity Inventory, Classification and Best Management Practices <i>Identify natural habitat types in the city and establish management areas based on land use context.</i>	Inventory methodology and process was outlined in 2016, but staff was unable to secure grant funding to proceed at that time. Establishing a strategy to preserve biodiversity is included in Envision Lakewood 2040.
		NS1-D Green Infrastructure Network <i>Establish a Green Infrastructure Network (GIN) to strategically facilitate habitat protection, restoration and connectivity across the urban landscape.</i>	
		NS1-E Municipal Natural Resource Management <i>Manage municipal natural areas, parks, right-of-ways and other properties to maximize ecological health and biological diversity.</i>	Assorted programs supporting water quality, nontoxic pest and noxious weed management, including ecosystem-based management practices and reducing pesticide usage to promote pollinator health.
		NS2-A Stormwater Management and Flood Control <i>Increase the capacity of Lakewood's landscape to manage stormwater and protect water quality.</i>	Ongoing efforts to complete various stormwater management projects and programs, implemented by the Public Works Department. Increased use of nature-based solutions for water quality. Preliminary efforts to update the Drainage Criteria Manual began in 2024.
		NS2-B Cooling and Carbon Sequestration <i>Adapt to increased temperatures and reduce carbon in the atmosphere through healthy vegetation, tree canopy coverage and use of low-reflective materials.</i>	The Enhanced Development Menu includes incentives for developments to reduce urban heat islands and promote healthy vegetation. The city Forestry Dept completed a tree canopy assessment in 2022 to determine what areas of the city need additional plantings. Sustainability staff participates in regional learning opportunities about carbon sequestration.



Complete











Significant Progress



Implementation Underway



Not Started

PROGRESS		STRATEGY	NOTES
TRANSPORTATION		T1-A Environmentally Friendly and Efficient Street Maintenance Operations <i>Protect the environment, reduce air and water pollution and improve vehicle efficiency while maintaining a high level of service in street maintenance operations.</i>	Street sweeping material screening and recycling program. Anti-idling program initiated to reduce idling time of city vehicles.
		T1-B Roadside Vegetation <i>Increase the viability and extent of roadside landscaping and vegetation through coordinated planning efforts to assess infrastructure, design, plant selection and street maintenance operations.</i>	Various streetscape and median planting programs completed or underway.
		T1-C Street and Signal Lights <i>Convert street and signal lights to LEDs or other high efficiency technologies.</i>	All city-owned lights use high efficiency lighting. Street lights owned by Xcel Energy are converted to LED when repairs/replacement is needed. The City is currently evaluating options to further improve energy efficiency for Xcel-owned streetlights.
		T1-D Sustainable Street Repair and Construction <i>Ensure sustainable street repair and construction.</i>	Street operations continue to utilize recyclable materials and to recycle street construction waste.
		T2-A Bicycle and Pedestrian Planning and Outreach <i>Remove barriers to bicycle and pedestrian transportation through a comprehensive strategy.</i>	The city's alternative transportation coordinator is leading the implementation of new bicycle facilities and continued coordination with the Lakewood Bicycle Advisory Team. An update to the Bicycle Plan is underway and anticipated for adoption in 2025.
		T2-B Transportation Management Services <i>Collaborate with west metro agencies to develop an approach, or several, to provide sustainable transportation management services.</i>	The West Corridor Transportation Management Association was launched to promote convenient transportation options along the W Line corridor and throughout Lakewood, Jefferson County, Golden and west Denver.
		T2-C Way To Go <i>Utilize and promote the suite of transportation management tools available through Denver Regional Council of Governments' Way to Go program.</i>	Implementation will be ongoing.
		T2-D City Fleet <i>Develop a strategic plan to increase fuel efficiency and incorporate alternative fuel vehicles into the city vehicle fleet.</i>	The fleet now includes several alternative fuel vehicles, including some electric pickup trucks, with plans to purchase additional EVs if suitable options exist as vehicles are due for replacement. An EV Implementation Plan was completed in early 2024 to guide future efforts. An anti-idling policy for fleet vehicles reduces emissions and improves efficiency and maintenance costs.



Complete



Significant Progress



Implementation Underway



Not Started

APPENDIX C

SUSTAINABLE NEIGHBORHOOD PROJECTS

FROM PROGRAM CERTIFICATION YEAR JUNE 2023 - MAY 2024

TOTAL NEIGHBORHOOD PARTICIPATION JUNE 2023-MAY 2024

NEIGHBORHOOD NAME	PARTICIPATION	CREDITS EARNED	CERTIFICATION STATUS
Applewood	1579	165	Outstanding
Belmar	87	124	Outstanding
Eiber	2883	218	Outstanding
Green Mountain	1049	100	Outstanding
Lake Lochwood Village	893	167	Outstanding
Morse Park	3442	217	Outstanding
O'Kane Park	1405	153	Outstanding
South of 6th	1261	137	Outstanding
Southern Gables	952	145	Outstanding
Weir Gulch Gardens	774	60	Participating
*Note- three events with multiple planners:			
• Earth Day Celebration (9 neighborhoods)	700		
• Electronics and Metal Recycling (3 neighborhoods)	595		
• Should You Buy an EV in 2024? (7 neighborhoods)	25		
TOTAL	7385	1486	

PROGRAM GOAL AREAS



LAND: Stewardship and conservation of ecosystems and resources



PEOPLE: Social vitality through community interaction, partnerships, and outreach



WATER: Conserving water resources and improving water quality








ENERGY: Energy conservation and use of renewable energy sources








AIR: Reducing emissions, improving both outdoor and indoor air quality






CLUB MEETINGS JUNE 2023-MAY 2024

NEIGHBORHOOD	CLUB NAME	ATTENDANCE	CREDITS EARNED	NOTES					
Eiber	Food Rescue Team	198	6		X	X			
Eiber	Sustainable Eiber Steering Committee	91	12		X	X	X	X	
Lake Lochwood Village	Garden Club	25	1		X	X	X	X	X
O'Kane Park	Sustain O'Kane Bike Club	76	17			X		X	X
O'Kane Park	Sustain O'Kane Social Club	20	1			X			
	TOTAL CLUBS = 5	410	37		3	5	2	3	2






PROJECTS COMPLETED JUNE 2023-MAY 2024

				PROGRAM GOAL AREAS SUPPORTED				
NEIGHBORHOOD	PROJECT NAME	CREDITS EARNED	NOTES					
Applewood	Stober Community Garden First Growing Season	65	11 identified goals achieved	x	x	x	x	x
Belmar	Belmar Community Garden 2023	45	6 identified goals achieved	x	x	x	x	x
Belmar	Belmar Pond Enhancement Project	10	project completed	x	x	x	x	x
Belmar	Belmar EV Expansion Project	45	9 identified goals achieved	x	x	x	x	x
Lake Lochwood Village	Landscaping Sustainability Plan	30	3 identified goals achieved	x	x	x		
Lake Lochwood Village	Sustainability Library	25	3 identified goal achieved and closed project	x	x	x		
Morse Park	Slater Elementary Community Garden Activities	40	8 identified goal achieved	x	x	x	x	x
Morse Park	Sustainable Morse Park Website	25	3 identified goals achieved	x	x	x	x	x
Southern Gables	Community Garden Activities for Summer 2023	35	5 identified goals achieved	x	x	x	x	x
	TOTAL PROJECTS = 9	320		9	9	9	7	7






WORKSHOPS JUNE 2023-MAY 2024

					PROGRAM GOAL AREAS SUPPORTED				
NEIGHBORHOOD	WORKSHOP NAME	ATTENDANCE	CREDITS EARNED	NOTES					
Applewood	Low-Water Landscape Design Webinar	45	6		x	x	x	x	x
Eiber	Low-Water Landscape Design Webinar	45	6		x	x	x	x	x
Eiber	Winter sowing with native plants	20	4		x	x	x		x
Eiber	Native Plant Talk	17	4		x	x	x		x
Eiber	Learn to Compost with a Master Composter	13	4		x	x	x		x
Eiber	Native Plant Talk	70	8		x	x	x		x
Green Mountain	Spring Garden Swap 2	40	6		x	x	x		
Green Mountain	Native Plant Landscaping	50	6		x	x	x		x
Green Mountain	Earth Day Food Forest Work Party	23	6		x	x	x		
Green Mountain	Green Mountain Wildflower Walk	8	4		x	x	x		






WORKSHOPS JUNE 2023-MAY 2024 (CONTINUED)

					PROGRAM GOAL AREAS SUPPORTED				
NEIGHBORHOOD	WORKSHOP NAME	ATTENDANCE	CREDITS EARNED	NOTES					
Green Mountain	Spring Garden swap	105	12		X	X	X		
Green Mountain	Eco-Home Tour	20	4		X	X	X	X	X
Green Mountain	July Wildflower Walk	6	4		X				
Lake Lochwood Village	Japanese Beetle Problems and Solutions	18	6		X	X	X		
Morse Park	Providing access to the Green Homes Tour on the West Side of town	25	6		X	X	X	X	X
Morse Park	Low-Water Landscape Design Webinar	194	12		X	X	X	X	X
O'Kane Park	Bee Box Building Workshop	40	8		X	X			
O'Kane Park	Low-Water Landscape Design	20	6		X		X		
O'Kane Park	Common Name Farm Tour	19	6		X				
South of 6th	Earth Day Litter Pickup	6	7		X	X	X		X
South of 6th	Seeds and Starters Give-Away	50	8		X	X	X		X
South of 6th	Lakewood Comprehensive Plan meeting	30	6		X	X	X	X	X
South of 6th	Christmas Tree Recycling	20	7		X			X	X
South of 6th	Christmas Light Recycling	100	13		X			X	
South of 6th	Leaf and Pumpkin Composting Collection	20	6		X	X		X	
Southern Gables	Participation in Science Night at Green Gables Elementary	100	10			X			
Southern Gables	Easy Ways to Use Garden Produce	10	4			X			
Multiple	Should you buy an EV in 2024?	25	6 each	Note: Applewood, Belmar, Eiber, Morse Park, O'Kane Park, South of 6th, and Southern Gables	X	X	X	X	X
	Total Workshops = 28	1139	221		26	23	20	10	15






SPECIAL EVENTS JUNE 2023-MAY 2024

					PROGRAM GOAL AREAS SUPPORTED				
NEIGHBORHOOD	EVENT NAME	ATTENDANCE	CREDITS EARNED	NOTES					
Applewood	Migrant support project	42	8			X			
Applewood	Winter Coat Drive	15	6		X	X	X		
Applewood	Seed Share	122	12		X	X			
Applewood	Perennial Swap	30	8		X	X			
Belmar	Relaunch Event	50	10		X	X	X	X	X
Belmar	Relaunch part 2- Leadership Meeting	12	8		X	X	X	X	X
Eiber	2024 Wildlife of Lakewood Photo Exhibition	90	10		X	X	X		
Eiber	Eiber Neighborhood Association Annual Meeting	50	8			X			
Eiber	2024 Wildlife of Lakewood Opening Reception	150	12		X	X			
Eiber	Comprehensive Plan Community Engagement Event	20	6			X			
Eiber	Early Spring seed swap 2024	45	8		X	X	X		X
Eiber	Eiber Elementary Holiday Gift drive 2023	100	10			X			
Eiber	Eiber leaf drop & share, limb chip	48	8		X	X	X		X
Eiber	2023 Fall Seed Swap	11	6		X	X	X		X
Eiber	E-bike and Energy Fair	50	8		X	X	X	X	X
Eiber	Eiber Elementary Halloween Trunk or Treat	300	12			X			
Eiber	2nd Annual Eiber Block Party	80	8		X	X	X		X
Eiber	6th Annual Eiber Sustainable Garden Tour	154	12		X	X	X		X
Eiber	UpCycled Fashion Event	11	6		X	X			
Green Mountain	Plant, Seed, and Garden Swap	45	8		X	X	X		
Green Mountain	Garden Swap II	52	8		X	X	X		
Lake Lochwood	Westside Pool/Clubhouse Landscape Completion	10	6		X	X	X	X	
Lake Lochwood	Pool Opening Party	15	6			X	X		
Lake Lochwood	Electronics/Metal Collection	8	6		X	X	X		
Lake Lochwood	Retaining Wall for Westside of Pool/Clubhouse	6	6		X	X	X		
Lake Lochwood	Tree Planting	10	6		X	X	X		
Lake Lochwood	Spring Final Clean up and Prep for Pool and Clubhouse Landscaping	7	6		X	X	X		
Lake Lochwood	Clean up and Preparation for Clubhouse/pool area	8	6		X	X	X		

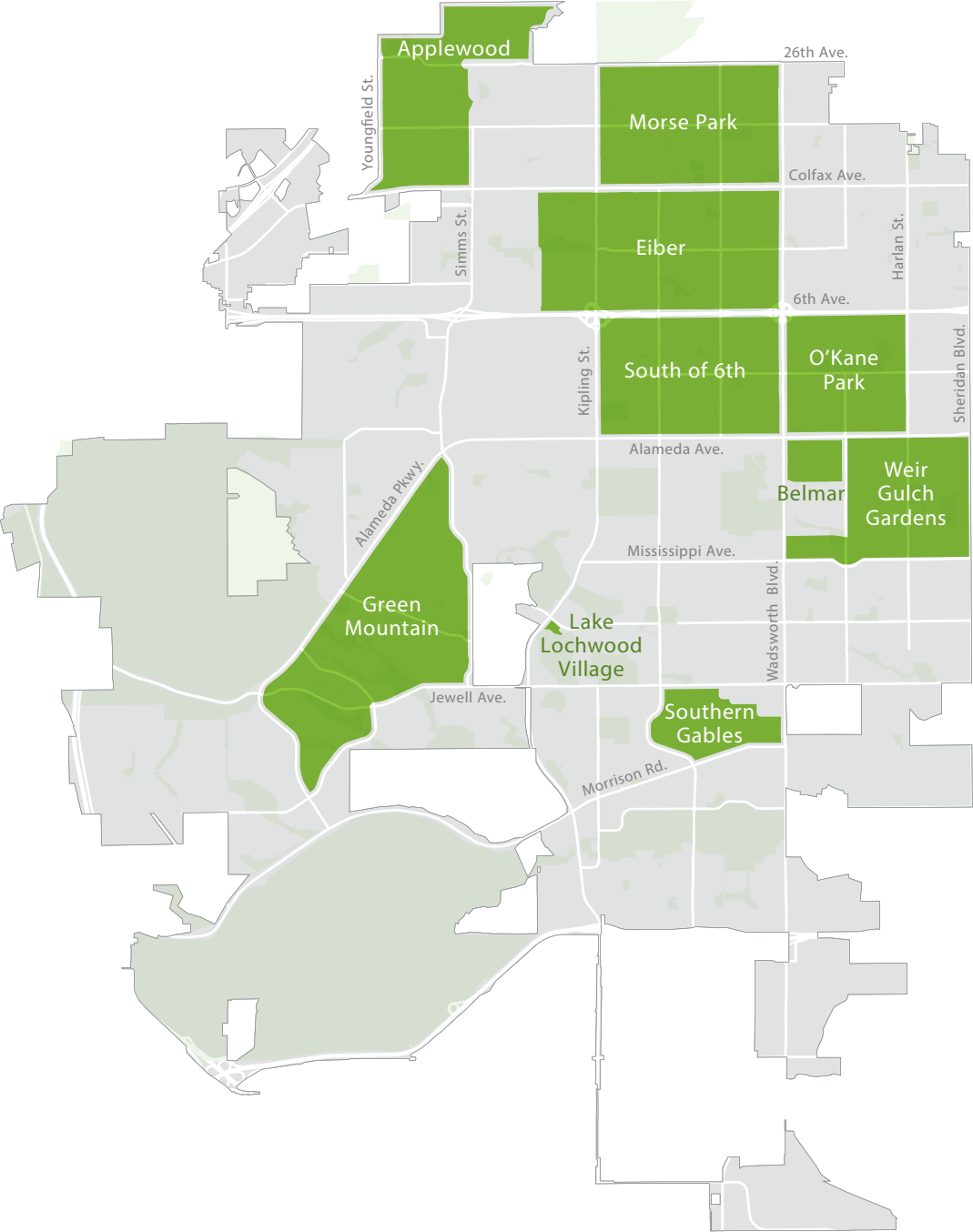
SPECIAL EVENTS JUNE 2023-MAY 2024 (CONTINUED)

NEIGHBORHOOD	EVENT NAME	ATTENDANCE	CREDITS EARNED	NOTES	PROGRAM GOAL AREAS SUPPORTED				
									
Lake Lochwood	Spring Clean Up After the Big Wind	9	7		X	X			
Lake Lochwood	Parking space and speed bump painting on our roads	9	6		X	X			
Lake Lochwood	November 2023 Food Drive	20	6			X			
Lake Lochwood	Meet the New Neighbors Party	25	8			X			
Lake Lochwood	Sustainable Neighborhoods Recognition	3	6		X	X	X	X	X
Lake Lochwood	Cider Days	4	6		X	X	X	X	X
Lake Lochwood	Community Game Night	16	6			X			
Morse Park	Winter Clothing Swap at Slater Elementary	200	10			X	X	X	
Morse Park	Christmas Tree Recycling	89	10		X		X	X	X
Morse Park	Petting Zoo @ Slater Fall Festival	461	12			X			
Morse Park	Relaunch part 2- Leadership Meeting	14	6		X	X	X	X	X
Morse Park	Relaunch Event	50	8		X	X	X	X	X
Morse Park	Bike to Work Day	80	10		X	X		X	X
Morse Park	Rain Garden Cleanup	9	6		X	X	X	X	X
Morse Park	Glens + Friends Art Market	1000	12			X			
O'Kane Park	OKPNA Community Meeting	30	6			X			
O'Kane Park	SOK Meeting	15	6			X			
O'Kane Park	SOK Meeting	15	6			X			
O'Kane Park	O'Kane House Lighting	15	6			X			
O'Kane Park	Movie in the Park	60	8			X			
O'Kane Park	OKPNA Picnic	40	6			X			
O'Kane Park	National Night Out	45	8			X			
O'Kane Park	OKPNA Community Meeting	30	6			X			
O'Kane Park	Food Trucks in the Park- August	40	6			X			
O'Kane Park	Food Trucks in the Park- July	40	6			X			
O'Kane Park	Food Trucks in the Park- June	35	6			X			

SPECIAL EVENTS JUNE 2023-MAY 2024 (CONTINUED)

NEIGHBORHOOD	EVENT NAME	ATTENDANCE	CREDITS EARNED	NOTES	PROGRAM GOAL AREAS SUPPORTED				
									
O'Kane Park	O'Kane Park Neighborhood Spring Meeting	35	7			X			
O'Kane Park	Hestia Farm Tour	20	6		X	X			
O'Kane Park	Relaunch part 2- Leadership Meeting	30	8		X	X	X	X	X
O'Kane Park	O'Kane Park Annual Picnic	35	6			X			
South of 6th	Movie in the Garden	60	11		X	X			
South of 6th	Applesauce Making	10	6		X	X			
South of 6th	Apple Picking	10	6		X	X			
South of 6th	E-bike and Energy Fair	50	8					X	
South of 6th	Annual Picnic	100	13		X	X			
South of 6th	Litter and Lawn Games	10	7		X	X			
South of 6th	Community Bike Ride	20	6			X		X	X
South of 6th	Concert in the Garden	50	8		X	X			
Southern Gables	Southern Gables Neighborhood Meeting	50	10			X			
Southern Gables	Fleisher Family Farm	10	6		X	X			
Southern Gables	Southern Gables Loves Trees	3	6		X				
Southern Gables	Seed, Seedling, and Plant Swap	30	8		X	X	X		X
Southern Gables	Relaunch part 2- Leadership Meeting	24	8		X	X	X	X	X
Weir Gulch Gardens	Weir Gulch Gardens Neighborhood Bike Ride	6	7						X
Weir Gulch Gardens	Fourth of July Block Party	19	8		X	X	X	X	X
Weir Gulch Gardens	2023 Seedling Swap	25	8		X	X	X		X
Weir Gulch Gardens	2024 Seedling Swap	20	8		X	X	X		X
Weir Gulch Gardens	Neighborhood Bike Ride	4	7			X			X
Multiple	Metal and Electronics Recycling	595	12 each	Note: Applewood, Eiber, Morse Park	X	X	X	X	X
Multiple	Lakewood Earth Day Celebration	700	12 each	Note: Applewood, Eiber, Green Mountain, Lake Lochwood Village, Morse Park, O'Kane Park, South of 6th, Southern Gables, Weir Gulch Gardens	X	X	X	X	X
	Total Special Events = 78	5811	725		48	74	34	19	26

2023-2024 MAP OF LAKEWOOD SUSTAINABLE NEIGHBORHOODS



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Sustainability@Lakewood.org



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