
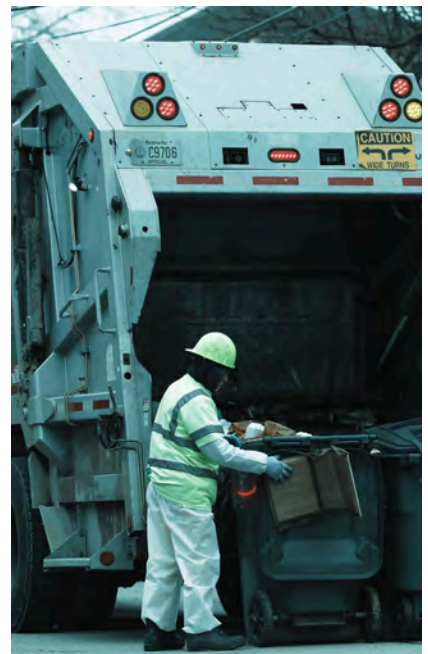
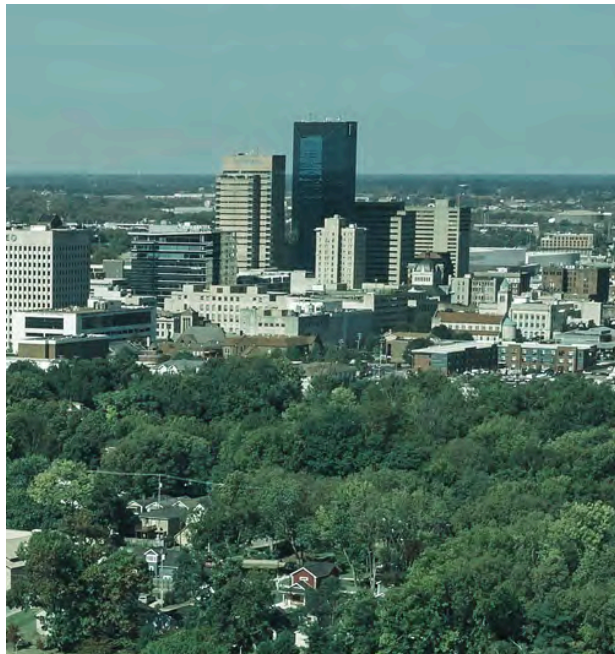


EMP--WER
LEXINGTON
.....
**A Plan for a
Resilient Community**
.....
2023 UPDATE



LEXINGTON

**SUSTAINABILITY IN LEXINGTON MEANS
MEETING THE NEEDS OF OUR
GENERATION WHILE ENSURING
FUTURE GENERATIONS ARE ABLE TO
ENJOY OUR URBAN COMMUNITIES,
TREE-LINED RURAL ROADS, EQUINE
FARMS, AND COUNTLESS OTHER
PHYSICAL AND SOCIAL ELEMENTS
THAT CONTRIBUTE TO WHAT MAKES
LEXINGTON, LEXINGTON.**



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LETTER FROM MAYOR GORTON



As Mayor of Lexington-Fayette County, I would like to express my sincere support and thanks to our Empower Lexington Committee Members for their hard work and dedication to updating our city's Empower Lexington Plan. The 2012 *Empower Lexington* document was our city's first plan to assess and improve environmental quality in Lexington-Fayette County. The 2023 update adds to the original *Empower Lexington* goals, and updates critical data and subsequent recommendations to keep our community moving forward.

Lexington is the second-largest city in Kentucky, and is famously known as the "Horse Capital of the World." Our unique blend of sharply defined urban boundaries, a vibrant downtown, industry, neighborhood communities, tree-lined rural roads, equine farms, agriculture and livestock farms, palisades, stone fences, and countless other physical and social elements contribute to what makes our Bluegrass region unlike any other.

Sustainability is an ongoing process that involves buy-in at multiple levels, including individuals, businesses, and educational institutions. As such, the Lexington-Fayette Urban County Government hired its first Program Manager Senior for Sustainability in 2022 to lead holistic, coordinated, long-term efforts related to sustainability in our community. Working with representatives from various sectors across the community, we have outlined strategies in this plan to build on our work that contributes to our resiliency and long-term environmental health.

Our community has a long history of taking steps to preserve our unique environment, a primary reason why community-wide sustainability is a top priority for my administration. I am so proud that our residents continue to demonstrate support for creating thriving, sustainable communities, and subsequently, finding innovative ways to improve and protect our unique landscape. My hope is that residents will read this plan and use the recommendations as guidance toward building a better Lexington.

Sincerely,

A handwritten signature in black ink that reads "Linda Gorton".

Linda Gorton, Mayor

Lexington-Fayette Urban County Government

LETTER FROM EMPOWER LEXINGTON COMMITTEE MEMBERS

The 2012 Empower Lexington Plan was created to encourage the community to embark on becoming a more sustainable and resilient community. Its recommendations, and main focus to reduce energy consumption by 1% per year, were ambitious - yet achievable. The city of Lexington has made progress towards this goal in the last 12 years, but we believe there is much more to accomplish. The contents of this document, titled the 2023 Empower Lexington Plan, will be an updated guide for our community's path forward. It will help Lexington-Fayette County adapt to both natural and manmade changes. It is a plan for the entire community, not just local government.

In Lexington many individuals, companies, and organizations have been working to become more energy efficient for some time now. Our community is building more energy efficient homes and buildings, creating more bike trails, preserving agricultural land, and many of our residents are taking individual actions to reduce their energy use at home and work. Businesses that focus on energy efficiency are becoming more competitive in the work force and save money and resources long-term.

As community members, we understand that sustainability is an ongoing process that involves buy-in at multiple levels, including from individuals, businesses, educational institutions, and local and national governments. The 2023 Empower Lexington Plan relies largely on voluntary measures and public-private partnerships to reduce our energy use.





This plan also includes an update of community-wide greenhouse gas emissions and recommended strategies to meet our net-zero goals by 2050, as outlined in Lexington's recently approved comprehensive plan, [Imagine Lexington 2045](#). While meeting this target will be challenging, it is definitely within our community's grasp.

In developing the Empower Lexington Plan, stakeholders reviewed information for five sectors that they identified as critical if we are to preserve and protect our environment as a community. These sectors include Materials and Resources, Natural Systems and Ecology, Quality of Life (Justice, Equity, Diversity and Inclusion), Transportation and Land Use, Water Efficiency, and Energy and Greenhouse Gas Emissions. They then identified their top goals for each and provided recommendations to help our community reach those goals.

As you read this plan, you will note that it is a document of opportunities and possibilities. There are some recommendations and strategies that are bold, and some that are more conservative. There are also some that can be implemented quickly, while others that may take some time, and some may not be implemented at all due to unforeseen difficulties. However, we believe all are worthy of consideration and each recommendation, if implemented, will reduce our impact on the environment and make us a more sustainable community.

The community stakeholders involved in creating this plan acknowledge their support of the recommendations contained within. This plan represents the consensus of the stakeholders' groups involved and we hope the community will embrace this plan. We acknowledge the fact that this plan is a living, working and evolving document, but it represents an important first step forward for the community in raising our environmental awareness. The 2023 Empower Lexington Plan is opening lines of communication and bringing diverse interests together to work on ways we can improve our community.

We believe that implementation of the recommendations will allow us to build on these efforts and will result in a more sustainable community. As individual members of this work group, we highly encourage the community to embrace the 2023 Empower Lexington Plan and pledge to actively engage all in helping implement this plan.

Sincerely,

Empower Lexington Committee Members

OVERVIEW



THE PURPOSE

Developing the update to the 2012 Empower Lexington Plan began in earnest in late 2022. During the process almost 50 stakeholders representing a large cross-section of our community were invited to serve on a sector committee, with the goal being to develop an updated plan to reduce Lexington's impact on the environment and reduce our carbon footprint.

We feel that it is important to note that this plan was developed at minimal cost to the city largely through the work of the city's Sustainability Program Manager Senior and the generosity of local stakeholders volunteering their time and talent. This is a testament to the importance of this issue and the commitment of the individuals and organizations involved.

OVERVIEW

THE PROCESS

After review of the original Empower Lexington Plan supported by the Council in 2012 and review of efforts by other communities, the committee adopted an organizing framework advocated by the U.S. Green Building Council, Leadership in Energy and Environmental Design (LEED) for Cities and Communities. This framework focuses on six distinct areas: Materials and Resources, Natural Systems and Ecology, Quality of Life (Justice, Equity, Diversity and Inclusion), Transportation and Land Use, Water Efficiency, and Energy and Greenhouse Gas Emissions. This plan includes recommendations for those areas developed by distinct committees.

An important and parallel component of the process was conducting an updated greenhouse gas inventory that will provide crucial data to measure our progress.

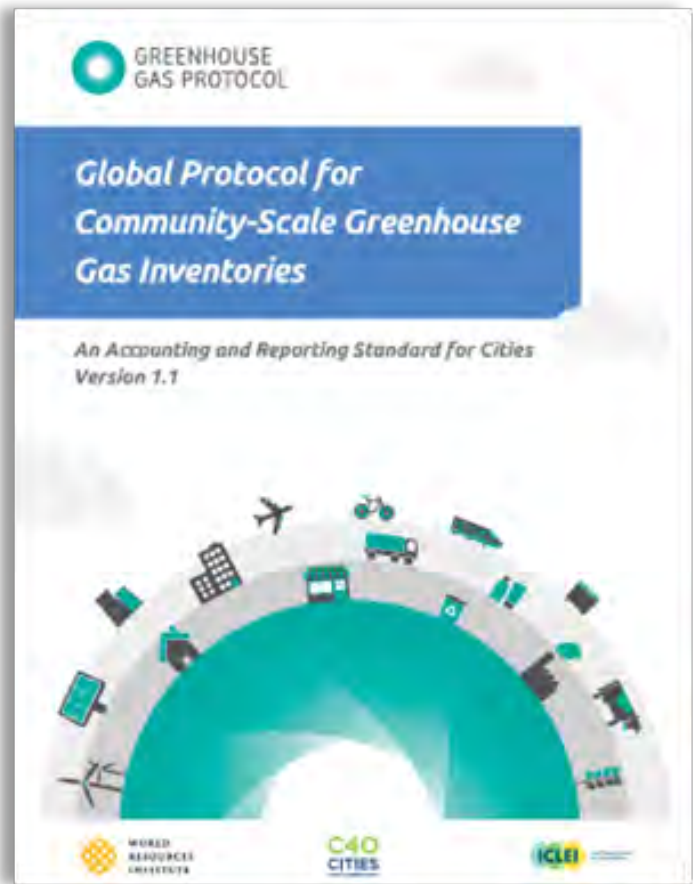
Public meetings were held to review proposed recommendations and to survey stakeholders' ideas and priorities. Some of the recommendations from the 2012 Plan have been integrated into the 2023 Plan.



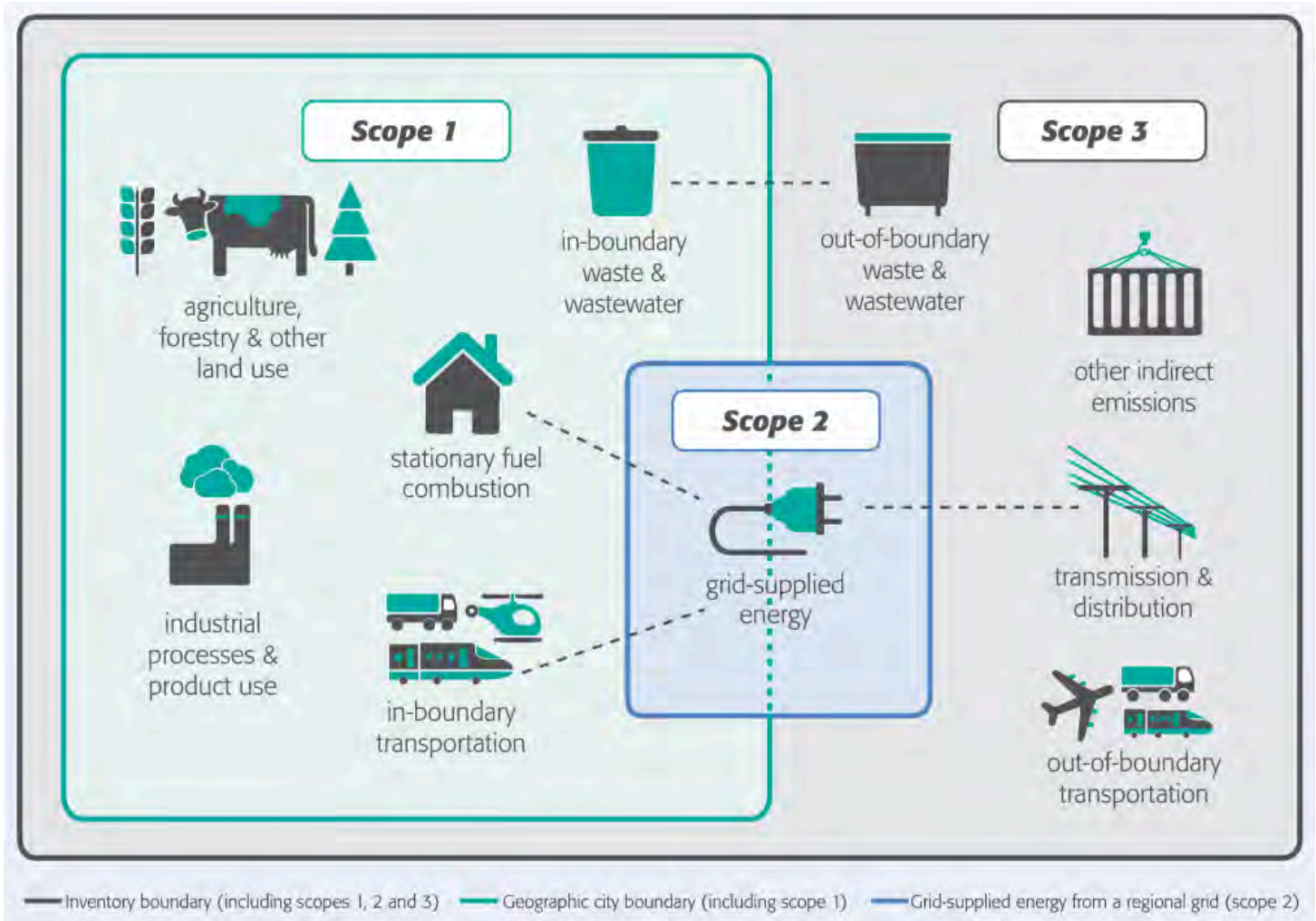
GREENHOUSE GAS INVENTORY

The city contracted with Tetra Tech in the summer of 2023 to complete an emissions inventory for our community for calendar year 2021. The inventory was compiled using the Global Protocol for Community-Scale Greenhouse Gas Emission Inventories (GPC) and included the Stationary Energy, Transportation, Waste, Industrial Processes and Product Use (IPPU), and Agriculture, Forestry, and Other Land Use (AFOLU) sectors.

The GPC is a globally recognized standard that enables cities to utilize consistent methodologies for developing inventories, thus allowing for ease of comparison to peers, transparent calculations, and meaningful results.



THE GPC FRAMEWORK



GOOD TO KNOW

Scope 1 emissions are direct emissions from sources within Lexington. Examples include vehicle emissions and burning of fuels like natural gas on-site to generate power.

Scope 2 emissions are associated with the production of energy consumed within Lexington.

Scope 3 emissions are indirect emissions that occur as a result of the activities within Lexington but are associated with sources outside of Lexington. For example, waste is generated by Lexington residents but disposed of in landfills outside of Lexington.

The following pages summarize the results of the inventory. For the full report, visit lexingtonky.gov/sustainability.

LEXINGTON'S

2021 GREENHOUSE GAS INVENTORIES

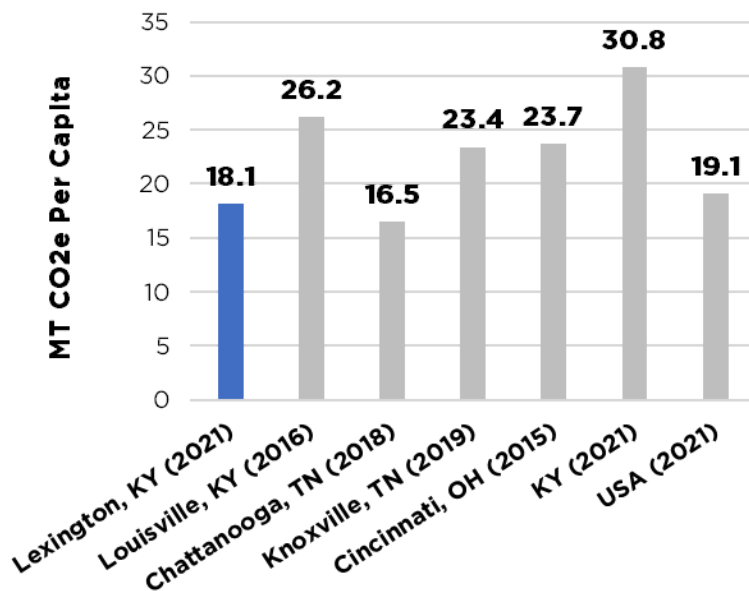
DEFINED

Greenhouse gases (GHGs) are gases in the Earth's atmosphere that trap heat. They allow sunlight to enter the atmosphere but prevent some of the heat that the Earth would normally radiate back into space from escaping.

This phenomenon is essential for maintaining a temperature range on Earth that supports life. However, human activities have significantly increased the concentrations of certain GHGs, contributing to global warming and climate change.

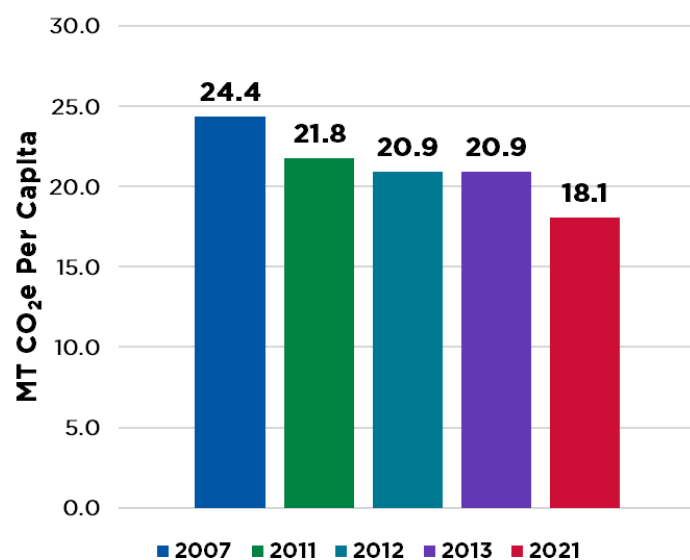
HOW DOES LEXINGTON COMPARE?

Lexington's 18.1 metric tonnes of carbon dioxide equivalents (MT CO₂e) per capita compares favorably to its peers and the rest of the country, but there is still much work to be done.



OVER THE YEARS

Lexington compiled its first GHG inventory in 2007. Over the years, Lexington has reduced its per capita GHG emissions from 24.4 in 2007 to 18.1 in 2021.

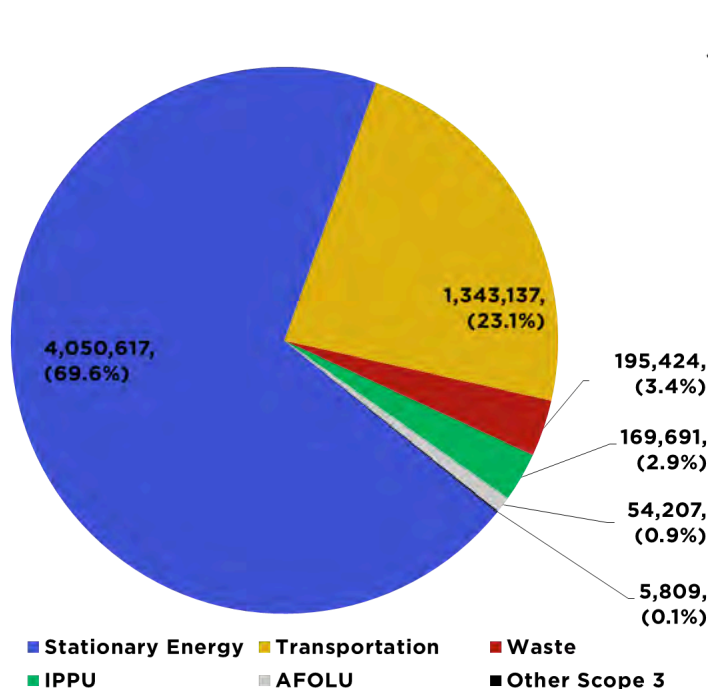


For the full 2021 inventory report, please visit lexingtonky.gov/sustainability.

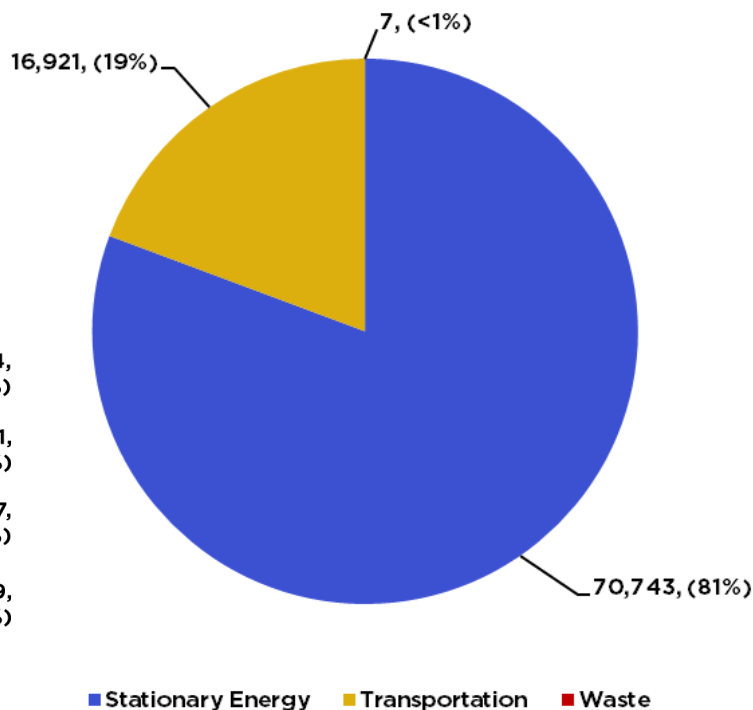
LEXINGTON'S

2021 GREENHOUSE GAS INVENTORIES

COMMUNITY-WIDE



MUNICIPAL OPERATIONS



tCO ₂ e	BASIC+	Scope 1	Scope 2	Scope 3
	Stationary Energy	744,112	3,164,120	142,385
	Transportation	1,190,161		152,976
	Waste	79,028		116,396
	IPPU	169,691		
	AFOLU	54,207		
	Other Scope 3			5,809
	TOTAL	5,818,885		

tCO ₂ e	BASIC	Scope 1	Scope 2	Scope 3
	Stationary Energy	5,583	62,226	2,933
	Transportation	16,921		
	Waste			7
	TOTAL	87,671		

It's important to know where our GHG emissions come from so we know where to target our sustainability efforts. Lexington will be developing an Emissions Reduction Plan to evaluate options and focus efforts for emissions reductions projects.

Scope 1 = Emissions in Fayette County

Scope 2 = Electricity Used in Fayette County

Scope 3 = Out of Boundary Emissions

OVERVIEW



THE PROMISE

To challenge and inspire the community to become more energy efficient and to help measure our progress, we are developing an Emissions Reduction Plan, which will include planning and implementation to help guide our energy reduction goal (target) for the community of 50% by 2030 and net zero by 2050, with calendar year 2021 chosen as our reference point (beginning point).

This assumed target is a direct result of the Urban County Council's vote to achieve net-zero emissions by 2050, as outlined in Lexington's recently approved comprehensive plan, *Imagine Lexington 2045*. The city's Division of Environmental Services will measure progress toward this target on a per capita basis, meaning that the basis for the target is the total energy used by our community divided by our population. Since this is a common form of measurement among communities, it will also allow us to benchmark ourselves against other cities on a regular basis. We will also measure our progress toward this target on an absolute basis, to determine whether the total amount of energy our community uses is decreasing.

OVERVIEW

THE PLAN

The approach outlined in this document encourages us to be more energy efficient, which should lower our energy demand, provide cost savings to our residents, and allow our businesses to be more competitive.

Each sector's committee developed overarching recommendations for their respective sector—the actions that are critical to reducing environmental impact in their sector. Each committee met on several occasions to consider potential monetary costs or savings, energy savings, emission reductions, time frame needed to implement a particular recommendation, and likelihood of success when considering whether to include a recommendation in the plan.

The following pages summarize background information and the recommended goals and strategies or projects for each sector. Those goals that the community identified as most important are highlighted in blue.





MATERIALS AND RESOURCES

"Cities are large aggregators and consumers of materials and nutrients, accounting for the highest natural resource consumption affecting the environment and human health. The intent behind this category is to eliminate waste from mainstream operations and utilize it as a resource. The development of cities, with their high concentration of resources, capital, data and skills over a small geographic territory, provides opportunities to uniquely drive a global transition from a linear to a circular economy." -LEED for Cities and Communities



OVERVIEW

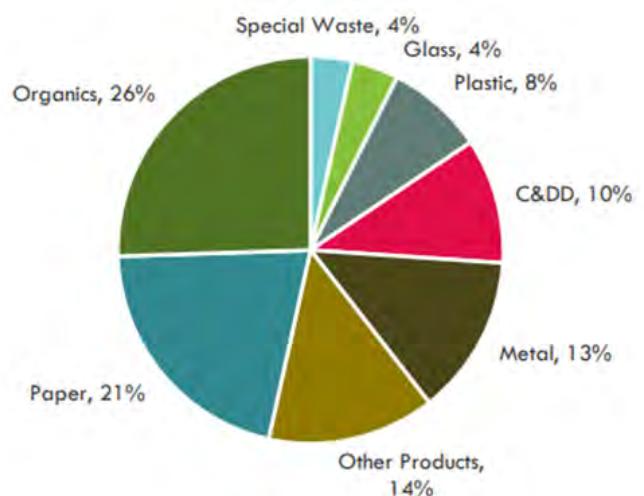
The city of Lexington provides waste collection services for residents inside the Urban Service Area including solid waste, recycling, and yard waste.

As of 2021, the LFUCG Division of Waste Management provides service to 89.6 percent of all residential homes within the county, while private haulers collect approximately 10.3 percent of waste from residential homes. Less than 0.1 percent of the total residential material collected is brought to the Bluegrass Regional Transfer Station by residents.

WASTE CHARACTERIZATION

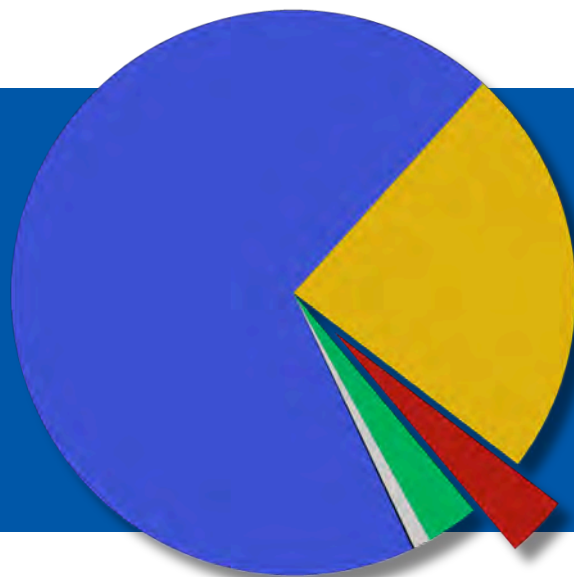
Key measures of the impact of this area include the types and amounts of wastes generated, collected, and processed by a community. In 2022, LFUCG completed a Waste Characterization Study. Summary findings of that study of municipal solid waste (MSW) recognized that Lexington has made progress in reducing the amount of corrugated cardboard disposed in landfills and identified specific types of waste for possible further action.

2022 WASTE CHARACTERIZATION STUDY



WASTE

GREENHOUSE GAS EMISSIONS
AT A GLANCE



DEFINED

The GPC defines the Waste sector as emissions from waste treated inside the city (Scope 1) and emissions from waste generated by the city but treated outside the city (Scope 3). Scope 2 emissions are not applicable.

SOURCES

Solid Waste
Compost
Wastewater Treatment Plant Processes

BY SCOPE

Scope 1: 79,028 MT CO₂e

Scope 2: N/A

Scope 3: 116,396 MT CO₂e

Total: 195,424 MT CO₂e

For the full 2021 inventory report, please visit lexingtonky.gov/sustainability.



**Municipal operations emissions
comprise <1% of total Waste emissions.**

FAST FACTS



372,396 tons
of Waste Generated in 2021



24,206 tons
of Recyclables Diverted in 2021

MATERIALS AND RESOURCES



The following tables provide strategies and projects to make progress toward achieving each goal. The goals ranked as most important in the community survey are highlighted in blue.

Goal	Strategies/Projects
Establish programs that discourage the use of single-use plastics, such as plastic bags.	<ul style="list-style-type: none"> ➤ Consider establishing extended producer responsibility (EPR) policies for hard-to-recycle materials, such as paint, batteries, electronics, and medicine.
Reduce the amount of food waste and/or organics sent to the landfill.	<ul style="list-style-type: none"> ➤ Expand yard waste program to include food. ➤ Pilot food waste collection in Fayette County Public Schools and downtown restaurants. ➤ Establish education/outreach program to promote food waste reduction.
Expand types of material that are accepted in the mixed comingled recycling stream.	<ul style="list-style-type: none"> ➤ Explore expanding recyclable materials accepted through the LFUCG Municipal Recycling Facility (e.g., #5 plastics, HDPE plastics). ➤ Consider programs to reduce single-use plastics programs such as incentivizing use of reusable bags.

MATERIALS AND RESOURCES



Goal

Strategies/Projects

Increase education and engagement opportunities to raise residential recycling levels and decrease contamination in the recycling stream.

- Develop program for friendly competition in neighborhoods to increase recycling volume and quality.
- Explore the possibility of an app or expanding alert system to educate and involve residents in waste reduction.

Increase community programs that encourage reuse/reduction, such as tool libraries.

- Develop and/or support existing programs that encourage reuse - such as tool libraries, repair events, etc.

Reduce the amount of textiles/clothing sent to the landfill.

- Explore the possibility to offer a clothing/textiles recycling program (drop off or periodic curbside).
- Establish an education/outreach program to encourage reuse/donation of clothing and textiles.

Explore opportunities to improve waste collection route optimization.

- Explore the possibility of installing smart bins to be used as part of route optimization technology already in place.

Divert 35% of Construction and Demolition Debris away from landfills.

- Establish construction and demolition debris recycling requirements for LFUCG projects.
- Encourage the implementation of a policy for construction projects to divert 35% of their waste and offer incentives to achieve this, such as fast-track permitting.
- Develop a system for collection of construction data.
- Partner with the Association of General Contractors and Home Builders of Lexington to develop incentives and promote reduction of construction and demolition debris waste.
- Establish a voluntary reporting system for LEED certification projects.
- Consider establishing green procurement/construction policies for LFUCG construction projects.



NATURAL SYSTEMS AND ECOLOGY

"Cities depend on nature and ecosystem services to not only sustain life, but also enhance the quality of life. Ecosystems protect and even regenerate natural systems, thereby increasing the ecosystem services they provide and creating ecologically resilient communities. These are better able to withstand and recover from episodic floods, droughts, wildfires, and other catastrophic events." -LEED for Cities and Communities



OVERVIEW

Lexington-Fayette County lies within the center of the Bluegrass Region of Kentucky. Lexington's unique blend of urban communities, vibrant downtown, academic institutions, tree-lined rural roads, equine farms, agriculture and livestock farms, palisades, stone fences, and countless other physical and social elements contribute to what makes our region unlike any other.

The city was also the first city in the nation to introduce an urban-service boundary line in 1958, as well as establishing the Purchase of Development Rights (PDR) program in 1996, ensuring the protection of agricultural and equine farmland by utilizing efficient city planning practices.

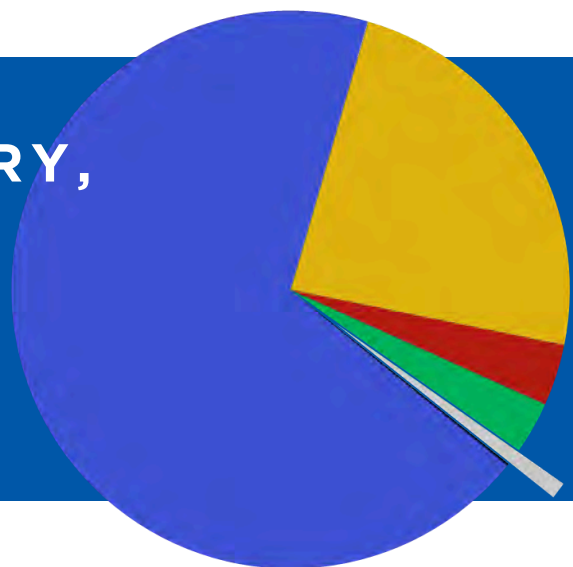
WHAT MAKES US UNIQUE

We believe that Lexington has the potential to create a mutually beneficial relationship between people, the built environment, and nature, but to do so, careful planning and preservation policies are essential. Policies must prioritize a sustainable built environment that supports positive climate action and adaptation strategies. A holistic approach to natural resource conservation, agricultural heritage, and equitable urban development is necessary to support broad-scale environmental resiliency. Our recommendations support this call to action.

Every recommendation in this section should be considered within the framework of the understanding that our land is our most valuable, finite resource.

AGRICULTURE, FORESTRY, & OTHER LAND USE (AFOLU)

GREENHOUSE GAS EMISSIONS
AT A GLANCE



0.9%

DEFINED

The GPC defines the AFOLU sector as emissions from agricultural activity, land use, and land use change within the city boundary (Scope 1) and other out-of-boundary emissions (Scope 3). Scope 2 emissions are not applicable.

SOURCES

Enteric Fermentation
Manure Management
Biomass Burning
Fertilizer Application

BY SCOPE

Scope 1: 54,207 MT CO₂e

Scope 2: N/A

Scope 3: NE

Total: 54,207 MT CO₂e

SINKS

Tree Canopy

It is estimated that the tree canopy provided 42,339 MT CO₂e in carbon sequestration in 2021. While the current inventory addressed only the urban tree canopy, we recognize the importance of other factors such as deforestation, land use change, and land and vegetation management that may either increase or decrease emissions.

FAST FACTS

For the full 2021 inventory report, please visit
lexingtonky.gov/sustainability.



22,500 Horses
in Fayette County

NATURAL SYSTEMS AND ECOLOGY



The following tables provide strategies and projects to make progress toward achieving each goal. The goals ranked as most important in the community survey are highlighted in blue.

Goal	Strategies/Projects
Preserve land with vegetative and tree cover, in both rural and urban areas.	<ul style="list-style-type: none"> Promote best management practices that encourage native vegetation and that maintain riparian (stream) buffers to enhance environmental quality and promote carbon sequestration whether in the city or in rural areas. Obtain a tree canopy cover of 30% throughout the Urban Service Area. Encourage policies and programs that preserve land with vegetative and tree cover in both rural and urban areas, and promote preservation of greenspace
Increase equitable park and greenspace access, meeting the goal of 70% of the dwelling units having access to greenspace within 1/2-mile (800 meters) walking distance.	<ul style="list-style-type: none"> Increase the number of Lexington residents that live within 10 minutes of a park or green space to 65% by 2030. Continue implementation of Lexington's and Kentucky Transportation Cabinet's complete streets policies.
Promote practices and policies that maintain vegetation, sequester carbon dioxide, preserve soil, and reduce surface water runoff for agricultural, residential, and commercial lands.	<ul style="list-style-type: none"> Continue to implement the Urban Service Boundary and Purchase of Development Rights program. Evaluate the development standards, protection policies during infill and development, and Zoning Ordinance for potential updates. Promote best management practices in agricultural areas including proven techniques such as rotational grazing, no-till planting, no-mow zones in riparian areas, participation in conservation reserve programs, and tree planting.

NATURAL SYSTEMS AND ECOLOGY



Goal

Strategies/Projects

Complete a comprehensive ecosystem assessment that includes the following: topography, soils, vegetation & habitat, hydrology & aquatic ecosystems, tree mapping, endangered species, flood zones, and hydrology.

- Evaluate steps necessary to fund and contract the assessment.

Continue to support the Purchase of Development Rights (PDR) program.

- Continue work toward end goal of 50,000 protected acres.

Explore innovative land preservation and conservation concepts (in addition to PDR) with a focus on the protection of Lexington-Fayette County's bluegrass soils.

- Support mechanisms to implement the 2002 Greenspace Plan and future Greenways Plan that would allow our community to preserve and protect areas that have already been recognized for their importance.
- Consider additional programs or incentives to retain rural lands in production by planning for succession in ownership and matching investor groups with agricultural professionals for management
- Increase the demand for infill development within the current Urban Services Area and provide incentives for developers to build well-designed, mixed-use and energy efficient projects inside the city, while preserving our finite Bluegrass landscape on its perimeter.

Preserve and promote additional greenspace within Lexington-Fayette County.

- Continue support and funding for maintenance and preservation of the 5,300 acres of LFUCG parks and golf courses.
- Protect floodplains as greenways and create a network of interconnected natural areas that help support the health of the local ecosystem and provide valuable public amenities.

NATURAL SYSTEMS AND ECOLOGY



Goal

Promote awareness and appreciation of the unique qualities of soils in Fayette County and the importance of agriculture at local, regional, and national levels.

Strategies/Projects

- Develop and promote a regional Buy Bluegrass Campaign that increases awareness of, and demand for, local agricultural food and fiber products, and that advances the systems for the processing and warehousing of local agricultural products.
- Promote agritourism in Fayette and surrounding counties by supporting agricultural projects that attract, instruct, and entertain visitors and by developing driving, hiking, biking, walking tours and programs, and multi-modal trail systems (water, hiking/biking, equine) to connect the public to those projects.
- Create an “Agritourism Summit” to promote agritourism with the intent of developing the Bluegrass as the “Napa Valley” for signature Kentucky products such as horses, bourbon, wine, and other Kentucky-grown products.
- Develop a local and regional infrastructure for producing, processing, preserving, and storing locally produced food and fiber while taking advantage of, and promoting, both new and traditional technologies for production of animal and plant-based food and fiber in ways that save energy, reduce greenhouse gas emissions, and promote land conservation.

Implement information and engagement efforts to support existing programs that facilitate sustainable agricultural practices.

- Continue efforts of Lexington’s Division of Environmental Services’ Public Information and Engagement team in visiting schools, professional offices, attending local events, and developing programs for residents to learn and engage in.
- Continue supporting and partnering with other environmental organizations in the community such as the Fayette County Conservation District and Bluegrass Greensource.

NATURAL SYSTEMS AND ECOLOGY



Goal

Strategies/Projects

Provide funding for the development of a resilience plan that identifies vulnerabilities and risk capacity related to climate change and other natural and man-made hazards.

- Develop a resiliency plan for the community.
- Enhance emergency weather preparedness for the safety of Lexington-Fayette County residents and businesses through emergency readiness, mitigation, response, and recovery efforts.

Reduce light pollution and glare.

- Develop and implement outdoor lighting standards to promote outdoor lighting that enriches our urban landscape and ensures public safety.
- Discourage practices that contribute to light pollution, glare, light trespass, sky glow, and minimizing disturbances to nocturnal wildlife.



TRANSPORTATION AND LAND USE

“The transport sector is responsible for 37% of energy-related greenhouse gas emissions worldwide. Land use is the key driver of mobility in a city, and rapid urbanization has disrupted land use patterns, resulting in urban sprawl and increased dependency on personal, motorized vehicles. This category encourages cities to adopt an integrated approach towards urban planning through mixed-use development, efficient transportation infrastructure to reduce reliance on single occupancy vehicle trips, provision of cleaner, healthier, safer and more equitable connectivity options and engagement with stakeholders.” -LEED for Cities and Communities



OVERVIEW

Lexington lies at the intersection of two interstate highways. Railroads also interlace across Fayette County.

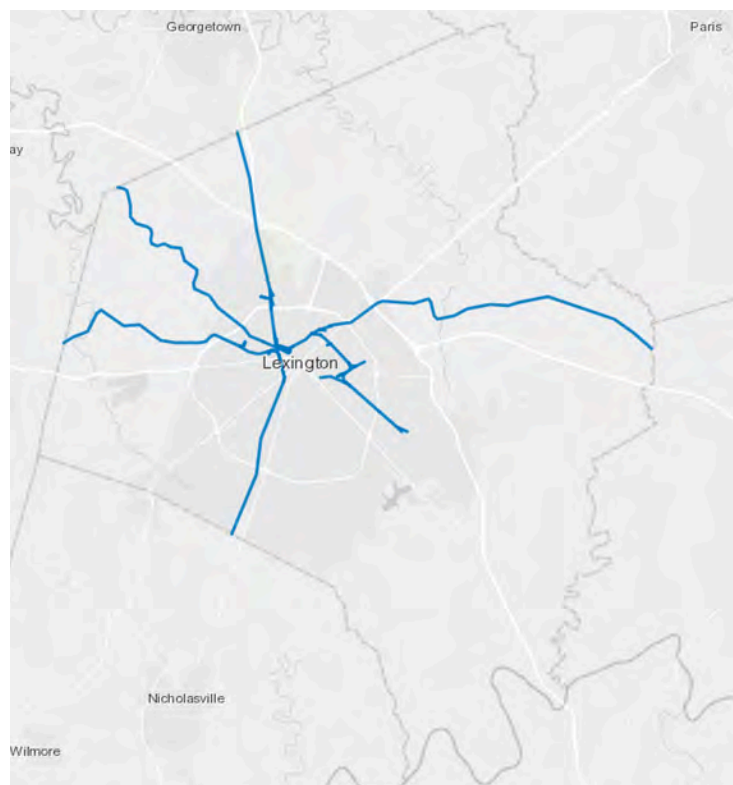
Lextran, the city’s public transportation company, provides almost 3.7 million passenger trips per year. Lextran constantly studies ways to improve transportation services to the region and produces plans such as its Operational Analysis and the Imagine Nicholasville Road Plan.

AVIATION

Lexington is also home to Blue Grass Airport (LEX), which offers non-stop flights to 16 locations through Allegiant, American Airlines, Delta, and United. In 2021, the airport reported 462,000 passenger arrivals, 460,000 passenger departures, and 651,000 pounds of freight/mail.

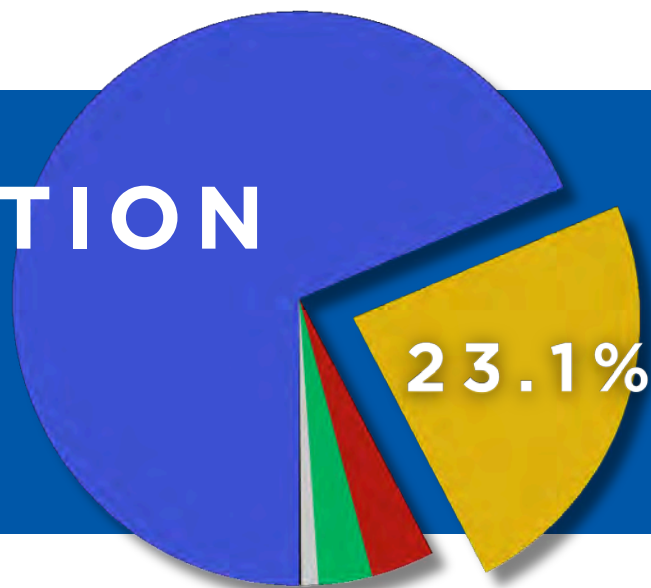
FREIGHT RAIL

There are approximately 50 miles of freight rail (shown below) that move goods through Fayette County.



TRANSPORTATION

GREENHOUSE GAS EMISSIONS
AT A GLANCE

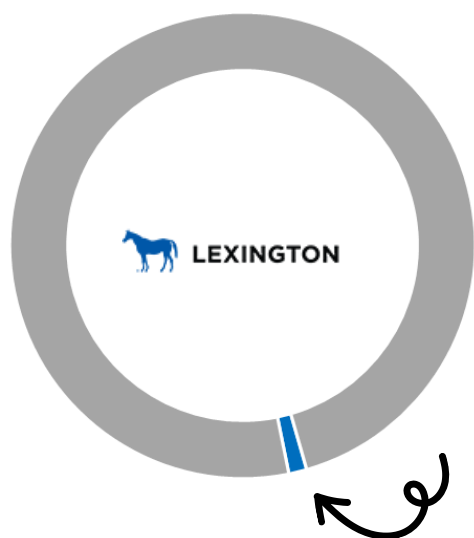


DEFINED

The GPC defines the Transportation sector as emissions from transportation occurring in the city (Scope 1), emissions from the consumption of grid supplied electricity in the city for transportation (Scope 2), and emissions from the portion of transboundary journeys occurring outside the city, and transmission and distribution losses from grid-supplied energy from electric vehicle use (Scope 3).

SOURCES

On-Road Transportation
Off-Road Transportation
Rail
Aviation



Municipal operations emissions comprise 1% of total Transportation emissions.

BY SCOPE

Scope 1: 1,190,161 MT CO₂e

Scope 2: Included Elsewhere (IE)

Scope 3: 152,976 MT CO₂e

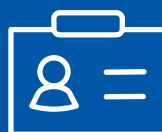
Total: 1,343,137 MT CO₂e

For the full 2021 inventory report, please visit lexingtonky.gov/sustainability.

FAST FACTS



2,837,510,000
Vehicle Miles Traveled



220,349 vehicles
registered in Fayette Co.

TRANSPORTATION AND LAND USE



The following tables provide strategies and projects to make progress toward achieving each goal. The goals ranked as most important in the community survey are highlighted in blue.

Goal	Strategies/Projects
Identify areas in need of infrastructure (e.g., sidewalks, trails, bike lanes, etc.) to encourage walking, scooting, and biking.	<ul style="list-style-type: none"> ➤ Identify transit-focused priority areas to study through Small Area Plans that would call for increased diversity of uses, affordable housing, enhanced connectivity, and increased transit access within the study area(s). ➤ Update the Zoning Ordinance and Land Subdivision Regulations to implement the regulatory framework proposed in the Imagine Nicholasville Road Corridor Study and the forthcoming Imagine New Circle Road Corridor Study.
Reduce reliance on cars and trucks by enacting the Lexington Area Bicycle and Pedestrian Master Plan.	<ul style="list-style-type: none"> ➤ Implement the Lexington Area Bicycle & Pedestrian Master Plan to reduce vehicle miles travelled (VMT) through bicycling and walking and to improve access to quality transit. ➤ Within the Urban Service Area, complete 100% of planned shared use trails projects and 100% of planned short-term bikeway and pedestrian improvements by 2035. Implement 50% of mid- and long-term bikeway and pedestrian projects by 2035 with full completion by 2045. ➤ Increase Lextran service frequency by 100% by 2035 to reduce individual vehicle use and vehicular emissions. ➤ Develop a Transportation Demand Management Plan for programs and strategies that are relevant to Lexington.
Develop a Long-Range Transit plan for the future of high-quality transit service in Lexington, complete with a funding and implementation strategy.	<ul style="list-style-type: none"> ➤ Develop a Long-Range Transit Plan and vision for the future of high quality transit service in Lexington. Build community consensus, develop cost estimates, and a funding and implementation strategy to achieve that vision.

TRANSPORTATION AND LAND USE



Goal

Strategies/Projects

Add zoning ordinance requirements for Electric Vehicle (EV) charging stations.

- Add Zoning Ordinance requirements for electric vehicle (EV) charging stations for multifamily, commercial, mixed use and professional office zones.

Encourage the transition of large vehicle fleets to EV and alternative fuels.

- Develop a strategy for LFUCG and Lextran to be leaders and early adopters in this effort.

Leverage existing and future reports and plans to improve transportation options, safety and efficiency.

- Implement near and midterm recommendations of Lextran's Operational Analysis.
- Support the creation of an organization/agency to coordinate efforts for strategic planning and development of transportation infrastructure and pursue federal funding for equitable redevelopment in high-priority areas.

Integrate green infrastructure into high quality public streets, in line with the Complete Streets Action Plan and based on the Complete Streets Design Standards.

- Identify overlapping opportunities for complete streets and green infrastructure in all types of public investments.
- Accelerate implementation through grants, possible local tax levy, etc., with a focus on equitable investment.

Support the creation of an organization to coordinate efforts for strategic planning and development in Lexington. The organization would pursue federal funding for equitable redevelopment in high-priority areas.

- Preserve historic structures and sites and focus growth and redevelopment on infill sites and other priority locations.

TRANSPORTATION AND LAND USE



Goal

Strategies/Projects

Analyze the effects of the Urban Service Boundary on transportation and land use.

- Complete a study that models how the Urban Service Boundary affects commuters and traffic patterns in Lexington.

Implement practices that will shorten travel times for commuters using the public transit system such a signal priority for busses and/or dedicated bus lanes.

- Implement Bus Rapid Transit (BRT) and/or Enhanced Transit Service along Nicholasville Road as envisioned in Imagine Nicholasville Road.
- Promote efficient operation of transport systems, user facilitation, behavior change and reduced environmental impact through smart technologies and transportation policies.

Assess EV and alternative fuel needs in Lexington. Develop an action plan to address any deficiencies.

- Develop incentive programs, private/public partnerships, and seek grants, as appropriate, to increase the number of publicly available EV chargers.

QUALITY OF LIFE

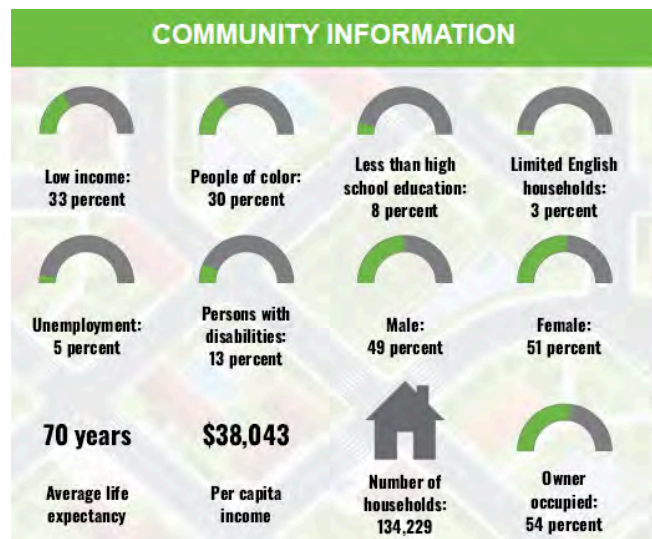
"Quality of life and a higher living standard for residents is key to success and livability in a city or community. Cities must equitably address the needs of all people, irrespective of gender, ethnicity, socio-cultural and economic status." -LEED for Cities and Communities



OVERVIEW

Over the past five years, Lexington has intensified its efforts to support underserved communities in Lexington-Fayette County, particularly in the north end of the city. LFUCG is actively pursuing these goals across multiple government departments. This includes initiatives in affordable housing, agriculture, housing advocacy, community development, environmental services, and urban forestry.

COMMUNITY STATISTICS



HEALTH INDICATORS

INDICATOR	VALUE	STATE AVERAGE	STATE PERCENTILE	US AVERAGE	US PERCENTILE
Low Life Expectancy	18%	22%	9	20%	33
Heart Disease	5.4	7.4	11	6.1	35
Asthma	10.8	11.5	29	10	75
Cancer	5.4	6.5	15	6.1	33
Persons with Disabilities	12.5%	18.3%	23	13.4%	50

Source: Community Information and Health Indicators Data obtained from EPA's Environmental Justice Screening and Mapping (EJScreen) Tool

QUALITY OF LIFE



The following tables provide strategies and projects to make progress toward achieving each goal. The goals ranked as most important in the community survey are highlighted in blue.

Goal	Strategies/Projects
Enable all existing and new neighborhoods to flourish through thoughtful development/redevelopment.	<ul style="list-style-type: none">➤ Continue implementation of development/redevelopment standards and the Zoning Ordinance.➤ Continue providing grant opportunities for neighborhood improvements such as the Neighborhood Action Match Program and Stormwater Quality Projects Incentive Grant Program.
Plan for safe, affordable, accessible housing to meet the needs of all Lexington residents.	<ul style="list-style-type: none">➤ Continue facilitation of Lex End Homelessness, a network of nonprofit organizations, businesses, and individuals working to ensure access to safe, stable, and affordable housing.➤ Continue operation of Mobile Markets, rolling grocery stores that provide healthy foods in food desert areas.➤ Complete the 2024 Housing Affordability Study.
Strengthen efforts to develop a variety of job opportunities that support a living wage and lead to prosperity for all.	<ul style="list-style-type: none">➤ Continue support of The Jobs Fund, a business incentive program that is designed to support business expansion in Lexington-Fayette County. The program allows businesses to apply for grant and loan dollars if they are creating jobs in Lexington with a minimum average salary of \$26 per hour.➤ Continue support of the Economic Investment Board.

QUALITY OF LIFE



Goal	Strategies/Projects
Create opportunities for low-, moderate-, and middle-income residents to access affordable and equitable home financing options for those who desire to own a home.	<ul style="list-style-type: none">➤ Use the results of the 2024 Housing Affordability Study to identify gaps in housing options.
Ensure equitable development and rectify Lexington’s segregation by race and socioeconomic status.	<ul style="list-style-type: none">➤ Continue operating the Racial Justice and Equality Commission to listen, discuss, and create empowering solutions that dismantle systemic racism in Lexington-Fayette County.➤ Continue implementation of Lex Grow Trees to facilitate urban afforestation in areas with low tree canopy cover.
Enhance job training and career connection opportunities for all residents seeking better economic options.	<ul style="list-style-type: none">➤ Continue support and implementation of the Fairness Ordinance.➤ Continue hosting expungement clinics and job fairs.➤ Continue implementation of Lexington’s Summer Youth Job Training Program, providing workforce training opportunities for Lexington youth who are rising 10th, 11th, and 12th grade high school students by teaming with Lexington’s business and community-based partners.➤ Continue facilitation of the Second Chance Academy, an initiative that helps people who are incarcerated develop employability skills.➤ Expand Workforce Resource Centers that provide free on-site assistance with job applications, job connections and job placement, and program referrals.

QUALITY OF LIFE



Goal

Strategies/Projects

Improve opportunities for small business development with focused support for minority businesses.

- Continue implementation of Lexington’s minority- and veteran-owned small business participation goals.

Enhance opportunities for robust public outreach and engagement, particularly for issues that affect quality of life.

- Continue public outreach through CivicLex, the Division of Environmental Services, tabling events, YouTube, etc.



WATER EFFICIENCY

“Water is the lifeline of any city. However, equity and access have been a major challenge in many cities. Water demand has been constantly increasing in urban and peri-urban areas and is stressing freshwater reserves, creating a perennial shortage of water in these cities. This credit category addresses water at multiple levels – meeting demand, maintaining water quality, reducing water losses, capturing stormwater, and managing urban floods.” -LEED for Cities and Communities



OVERVIEW

Fayette County is blessed with an abundance of surface waters. Our waterways traverse seven urban watersheds (Cane Run, East Hickman, North Elkhorn, South Elkhorn, Town Branch, West Hickman, and Wolf Run), all of which eventually discharge to the Kentucky River— the source of our drinking water.

THE CONSENT DECREE

In 2011, the City of Lexington entered into a Consent Decree with the U.S. Environmental Protection Agency and the Commonwealth of Kentucky to resolve violations of the Clean Water Act associated with the sanitary sewer and storm sewer systems by the year 2026. The stormwater provisions of the Consent Decree were terminated in 2021. LFUCG is actively working through the list of sanitary sewer projects included in the sanitary provisions.

MS4 PERMIT

Lexington operates a large Phase I MS4, or Municipal Separate Storm Sewer System. Lexington has a Stormwater Quality Management Program based on the terms and conditions of the MS4 Permit. When implemented holistically, the sections of the SWQMP should build upon each other to improve water quality before it reaches the MS4 or the Waters of the Commonwealth.

LEXINGTON'S WATERSHEDS



WATER EFFICIENCY



The following tables provide strategies and projects to make progress toward achieving each goal. The goals ranked as most important in the community survey are highlighted in blue.

Goal	Strategies/Projects
Increase tree canopy coverage to improve water quality and reduce rainwater runoff.	<ul style="list-style-type: none"> ➤ Continue encouraging the use of tree trenches and planter boxes for commercial developments. ➤ Continue funding projects through the Stormwater Quality Projects Incentive Grant Program that include riparian tree plantings. ➤ Continue implementing tree canopy projects included in watershed plans.
Continue infrastructure improvements to reduce sanitary sewer pipe leakage and overflows.	<ul style="list-style-type: none"> ➤ Continue implementation of the Remedial Measures Plan program in accordance with established schedules.
Manage stormwater with functional green spaces in new and redeveloped areas.	<ul style="list-style-type: none"> ➤ Continue implementation of the LFUCG Stormwater Manual. ➤ Increase education and outreach on the availability of financial incentives to promote adoption of best management practices including bioswales, rain gardens, green roofs, porous pavements, bioretention, wetlands, riparian buffers, and street trees.

WATER EFFICIENCY



Goal

Strategies/Projects

Reduce pollutants entering Fayette County waterways.

- Continue implementation of the requirements in the city's Stormwater Quality Management Program and MS4 Permit.

Protect and enhance stream buffer zones throughout Fayette County.

- Continue funding projects through the Stormwater Quality Projects Incentive Grant Program that include riparian buffers.

Build infrastructure to withstand extreme weather events and other impacts of climate change.

- Continue implementation of the LFUCG Stormwater Manual.
- Evaluate design storms for potential updates if rainfall averages change.

Reduce drinking water use (gallons per person).

- Facilitate public outreach campaigns that educate residents about the importance of conserving our water resources.

Improve water efficiency in built new and redeveloped areas.

- Ensure that all buildings within the Urban Service Boundary are served by public water supply and wastewater collection systems including centralized and decentralized systems that meet legal standards of drinking water and treatment of waste water.
- Monitor KY American Water Annual Consumer Confidence Report to assure compliance with drinking water standards.

Reduce or eliminate drinking water loss by updating aging infrastructure.

- Encourage KY American Water to evaluate water losses and adopt "smart water systems."

ENERGY AND GREENHOUSE GAS EMISSIONS

"Cities consume over two-thirds of the world's energy and account for more than 75% of global CO2 emissions. In addition, access to energy is critical in determining the quality of life of residents. This category encourages cities to provide equitable access to reliable power while simultaneously reducing the adverse impacts of energy use on environment." -LEED for Cities and Communities



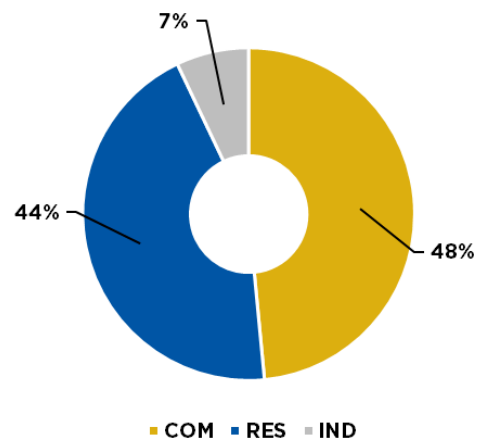
OVERVIEW

The Stationary Energy sector accounts for almost 70% of Fayette County's greenhouse gas emissions. The bulk of this total is a result of electricity and natural gas usage.

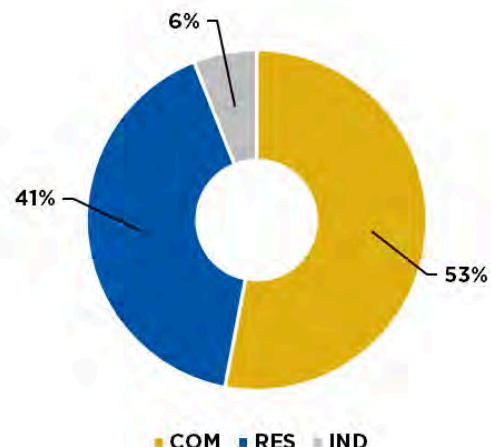
The commercial sub-sector used the most electricity (48%) and natural gas (53%) in 2021, followed by the residential and industrial sub-sectors.

The residential sub-sector is comprised of structures primarily designed for housing including single-family homes, apartments, and townhouses. The commercial sub-sector includes establishments like retail stores, shopping centers, office buildings, and restaurants. The industrial sub-sector includes buildings designated for activities related to manufacturing, production, warehousing, and distribution. Examples of such properties include factories, warehouses, and distribution centers.

2021 Community-wide Electricity Usage by Sub-Sector

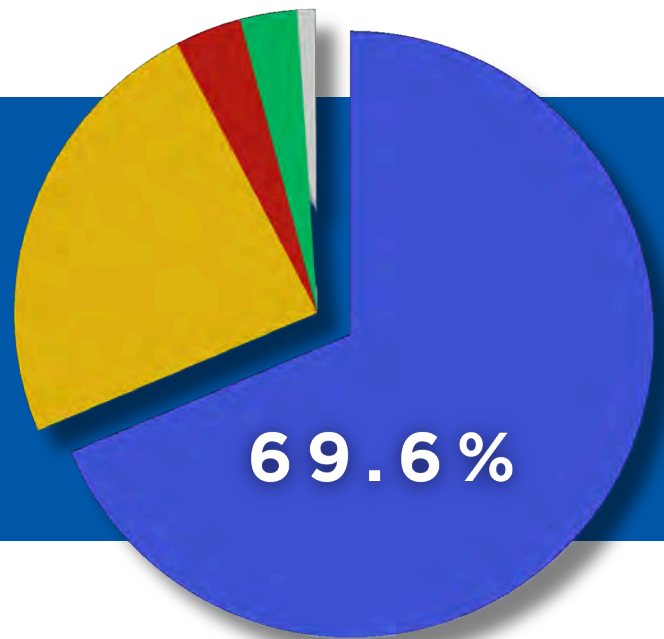


2021 Community-wide Natural Gas Usage by Sub-Sector



STATIONARY ENERGY

GREENHOUSE GAS EMISSIONS
AT A GLANCE



DEFINED

The GPC defines the Stationary Energy sector as emissions from fuel combustion and fugitive emissions in the city (Scope 1), emissions from the consumption of grid supplied electricity, steam, heating and cooling in the city (Scope 2), and distribution losses from grid-supplied electricity, steam, heating, and cooling in the city (Scope 3).

SOURCES

Natural Gas Usage
Natural Gas Fugitive Emissions
Permitted Community Sources
Blue Grass Airport Ground Equipment Fuel Usage
Off-Road Vehicles
Coal Hauling
Hazardous Materials Pipelines Fugitive Emissions
Electricity Usage
Electricity Distribution Losses

BY SCOPE

Scope 1: 744,112 MT CO₂e
Scope 2: 3,164,120 MT CO₂e
Scope 3: 142,385 MT CO₂e
Total: 4,050,617 MT CO₂e

For the full 2021 inventory report, please visit lexingtonky.gov/sustainability.



Municipal operations emissions comprise 2% of total Stationary Energy emissions.

FAST FACTS



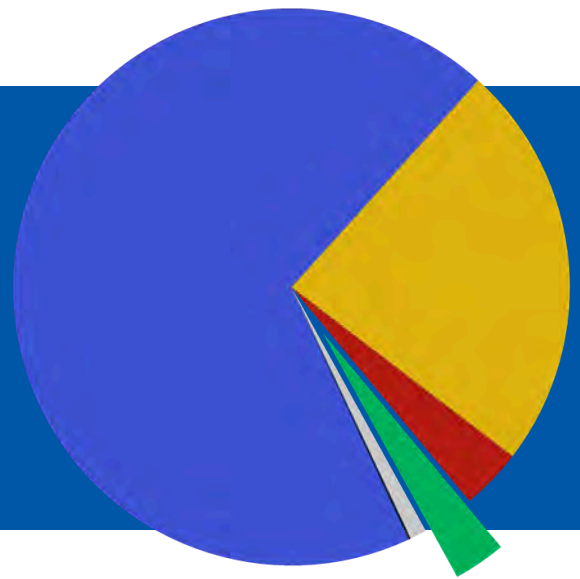
9,389,631 MCF
of Natural Gas Used
Community-wide



4,010,237,159 kWh
of Electricity Used
Community-wide

INDUSTRIAL PRODUCTS & PRODUCT USE (IPPU)

GREENHOUSE GAS EMISSIONS
AT A GLANCE



DEFINED

The GPC defines the IPPU sector as emissions from industrial processes and product uses occurring inside the city (Scope 1) and other out-of-boundary emissions (Scope 3). Scope 2 emissions are not applicable.

SOURCES

Asphalt Production
Substitution of Ozone Depleting Substances

BY SCOPE

Scope 1: 169,691 MT CO₂e

Scope 2: N/A

Scope 3: NE

Total: 169,691 MT CO₂e

FAST FACTS



2 Asphalt Plants
in Fayette Co.

ENERGY AND GREENHOUSE GAS EMISSIONS



The following tables provide strategies and projects to make progress toward achieving each goal. The goals ranked as most important in the community survey are highlighted in blue.

Goal	Strategies/Projects
Request utility companies to reduce greenhouse gas emissions by 60% by 2035 and reach net-zero emissions by 2050.	<ul style="list-style-type: none"> ➤ Work with utility companies to identify potential renewable energy projects and initiatives to help facilitate transition of energy sources.
Use LEED Certification Criteria (national sustainable building standards) to set LFUCG building standards.	<ul style="list-style-type: none"> ➤ Set percentage goal of new LFUCG buildings to obtain LEED Certification. ➤ Prioritize existing LFUCG buildings and facilities for retrofits.
Develop a Green Bank to expedite funding for energy efficiency and renewable energy projects.	<ul style="list-style-type: none"> ➤ Evaluate regulatory steps necessary to create such a program. ➤ Develop framework and policy for the program.

ENERGY AND GREENHOUSE GAS EMISSIONS



Goal

Strategies/Projects

Allow large energy users to directly enter long-term contracts with renewable energy developers.

- Identify community entities that would be interested in utilizing the program.

Create and utilize renewable biogas through organic waste collection.

- Continue investigating feasibility of city food waste services.
- Continue meetings of the Waste Digester Task Force.

Conduct an inventory of greenhouse gas emissions every 2 years.

- Continue compiling inventory using the GPC to ensure consistent reporting.
- Create a dashboard for the community to explore emissions over time.

Create additional, elevated sustainability positions within LFUCG including one focused on researching, applying for and implementing sustainability/resiliency grants.

- Request funding for creation of positions.

Develop a list of local companies and individuals who are leaders in energy and greenhouse gas emissions reductions. Utilize that list to coordinate a sustainability-focused business network group and establish a high-profile sustainability awards ceremony to unite the community and boost awareness.

- Use the Empower Lexington contributors as a starting point and expand as additional contacts are identified.
- Attend local sustainability events such as Bluegrass Greensource's Sustainability Summit to connect with others working in sustainability.

ENERGY AND GREENHOUSE GAS EMISSIONS



Goal

Strategies/Projects

Establish a Building Energy Reporting and Disclosure Ordinance for large- and medium-size buildings.

➤ Draft the ordinance and assemble stakeholders for input and discussion.

Set community-wide renewable energy goals as a percent of total energy used (5 years, 10 years).

➤ Meet with local utilities to discuss goals and identify potential options and potential roadblocks.

Fund and implement a Climate Change Vulnerability Report focused on both mitigation and adaptation initiatives.

➤ Conduct a study on how Lexington may be affected by climate change and possible ways to adapt to these effects.



ACKNOWLEDGEMENTS

The city of Lexington would like to thank the residents who completed the survey, the Empower Lexington Plan Committee Members, and other contributors who provided their input and feedback toward preparing the 2023 Empower Lexington Plan.

This list may not be all inclusive as additional stakeholders not listed may have participated in the process by offering input. Also, as is usually the case with a project of this magnitude/duration, the level and length of involvement varied due to individual time constraints and responsibilities.

Empower Lexington Core Team

Jada Walker Griggs	LFUCG, DES Sustainability
James Bush	LFUCG, DES Energy Initiatives
Valerie Friedmann	LFUCG, Planning (Former)
Amy Sohner	Bluegrass Greensource
Henry Jackson	Bluegrass Climate Action Team
Scott Southall	earthcycle design
Emily Elkinson	Fayette County Public Schools Student / LFUCG Planning Intern (Former)
Tresine Logsdon	Fayette County Public Schools, Sustainability
Blaine Early	Stites & Harbison / Environmental Commission
Shane Tedder	University of Kentucky, Sustainability
Steve Kay	Vice Mayor (Former) / Roberts & Kay

Energy and Greenhouse Gas Emissions

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David Butler	Alltech
Judith Humble	Bluegrass Climate Action Team
Todd Johnson	Building Industry Association of Central Kentucky
Linda Rumpke	Columbia Gas
Cheryl Klever	Commerce Lexington
Gina Greathouse	Commerce Lexington
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Tresine Logsdon	Fayette County Public Schools, Sustainability
Mary Kate Gray	Louisville Gas & Electric/Kentucky Utilities

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Ben Haydon	Goodwill Industries
Jeff Gaisford	Recycling & Envir. Services Mgr. (Former)
Greg Butler	Republic Services
Raymond Hill	University of Kentucky / Environmental Commission



ACKNOWLEDGEMENTS

Natural Systems and Ecology

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Beth Cawood Overman	LFUCG, Purchase of Development Rights
Eve Miller	LFUCG, Planning
Heather Wilson	LFUCG, DES Urban Forestry
Rob Rumpke	Bluegrass Tomorrow
Scott Southall	earthcycle design
Brittany Roethemeier	Fayette Alliance
Carrie McIntosh	Kentucky Farm Bureau
Gloria Martin	Rural Land Management Board
Christine Smith	Seedleaf
Steve Kay	Vice Mayor (Former) / Roberts & Kay

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Walter Gaffield	Fayette County Neighborhood Council President
Beau Revlett	Kentucky Tenants Association

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Scott Southall	earthcycle design
Bob Money	Kentucky American Water

Special thanks to Abby Terry, Tetra Tech, for plan production.

GLOSSARY OF TERMS

Agriculture, Forestry, and Other Land Use (AFOLU): A category of greenhouse gas emissions resulting from human activities related to the use and management of land for the production of food, fiber, and other ecosystem services.

Alternative Fuels: Fuels or energy sources that can replace petroleum-based liquid fuels, particularly for transportation purposes. Examples include biodiesel, alcohol (methanol, ethanol, butanol), chemically stored electricity (batteries and fuel cells), hydrogen, non-fossil methane, non-fossil natural gas, vegetable oil, and other biomass sources.

Biomass: A renewable energy source, is biological material from living, or recently living organisms. As an energy source, biomass can either be used directly, or converted into other energy products such as biofuel.

Carbon Dioxide: A naturally occurring gas, and also a byproduct of burning fossil fuels and biomass, as well as land use changes and other industrial processes. It is the principal anthropogenic greenhouse gas that affects the earth's radiative balance. It is the reference gas against which other greenhouse gases are measured and therefore has a Global Warming Potential (GWP) of 1.

Carbon Footprint: The total amount of greenhouse gases that are emitted directly or indirectly by an individual, organization, event, or product throughout its life cycle.

Carbon Neutral: Also known as "net-zero carbon," refers to achieving a balance between the amount of carbon dioxide (CO₂) emitted into the atmosphere and the amount removed or offset.

Carbon Sequestration: The uptake and storage of carbon.

Circular Economy: An economic model aimed at eliminating waste and promoting the continual use of resources by designing products and systems that maintain their value within the economy for as long as possible.

Climate: The long-term average of conditions in the atmosphere, ocean, and ice sheets and sea ice described by statistics, such as means and extremes.

Climate Change: A significant and persistent change in the mean state of the climate or its variability. Climate change occurs in response to changes in some aspect of Earth's environment: these include regular changes in Earth's orbit about the sun, re-arrangement of continents through plate tectonic motions, or anthropogenic modification of the atmosphere.

Emissions Reductions: The decrease in the quantity of greenhouse gases emitted into the atmosphere.

Energy: The ability a physical system has to do work on other physical systems. Electric energy is measured in watt hours. It is also expressed in kilowatt hours (kWh) = a thousand watt hours, megawatt hours (MWh) = a million watt hours, gigawatt hours (GWh) = a billion watt hours, and terrawatt hours (TWh) = a trillion watt hours. Energy used in transportation is often expressed in BTUs (British Thermal Units) or barrels of petroleum.

Energy Efficiency: Energy efficiency refers to products or systems using less energy to do the same or better job than conventional products or systems.

ENERGY STAR: A joint program of the U.S. Environmental Protection Agency and the U.S. Department of Energy helping businesses and individuals save money and protect the environment through energy efficient products and practices.

Enteric Fermentation: A natural digestive process in ruminant animals, such as cows, sheep, and goats, where microbes in the stomachs break down food and produce methane as a byproduct.

Global Warming: The observed increase in average temperature near the Earth's surface and in the lowest layer of the atmosphere.

Greenhouse Gas: A gas in Earth's atmosphere that has the ability to absorb and emit infrared radiation, leading to the greenhouse effect. This process is fundamental to regulating the Earth's temperature, making life possible by keeping the planet warm enough to sustain ecosystems and human activities. However, an increase in the concentration of greenhouse gases leads to enhanced greenhouse effect and global warming.

Industrial Products and Product Use (IPPU): A category of greenhouse gas emissions resulting from a prescribed list of industrial processes listed in the Global Protocol for Community-Scale Greenhouse Gas Emission Inventories (GPC).

Kilowatt-Hour: (kWh) A measure of energy equivalent to the expenditure of one kilowatt for one hour. For example, 1 kWh will light a 100-watt light bulb for 10 hours. 1 kWh = 3,413 Btu.

Linear Economy: The traditional economic model characterized by a "take, make, dispose" approach to production and consumption. In this model, resources are extracted, used to manufacture products, and then discarded as waste once they are no longer needed.

Light Pollution: The excessive or misdirected artificial light that interferes with the natural darkness of the night sky. It results from poorly designed lighting systems, excessive use of outdoor lighting, or the scattering of light by atmospheric particles.

Mcf: One thousand cubic feet. One mcf equals the heating value of 1,000,000 Btu (mmbtu).

Metric Tonnes of Carbon Dioxide Equivalents (MT CO₂e): A standardized unit that allows for the aggregation of emissions of different GHGs into a single number.

Municipal Solid Waste (MSW): The waste generated from residential, commercial, institutional, and some industrial sources within a municipality.

Net Zero: The state in which the amount of greenhouse gases emitted into the atmosphere is balanced by the amount removed from the atmosphere.

Per Capita: Per Person.

Resilient Community: A community that has developed the capacity to anticipate, prepare for, respond to, and recover from the adverse impacts of climate change.

Scopes: Different categories used to classify and report GHG emissions that facilitate comprehensive accounting.

Sectors and Sub-Sectors: Classifications of activities / sources of emissions.

Sources: Individual activities generating GHG emissions.

Sustainability: Meeting the needs of the present without compromising the ability of future generations to meet their own needs.

Vehicle Miles of Travel: The number of vehicle miles of travel (VMT) is an indicator of the travel levels on the roadway system by motor vehicles.

RESOURCES





Materials and Resources

Resources	Information Included	Contact Information
About recycling	What to recycle, recycling in Fayette Co., partner communities, acceptable items - details, unwanted items - details, and collection information	Recycling Center Email: wastemanagement@lexingtonky.gov Number: (859) 425-2255
About trash	Report a missed pickup, request replacement cart, waste management alerts, bulky items, set out times, additional cart, spacing, items requiring special preparation, other situations, green trash cart: acceptable items, green trash cart: unacceptable items, and our five-year plan	Waste Management Email: wastemanagement@lexingtonky.gov Number: (859) 425-2255
About yard waste	Report a missed pickup, request replacement cart, waste management alerts, options for all Fayette County residents, residents with city waste collection, additional carts, yard waste information flyer, other options for those with city collection services, and mulch giveaway	Waste Management Email: wastemanagement@lexingtonky.gov Number: (859) 425-2255
Apartments - Property manager resources (waste management, pet waste stations, other resources)	Contact info for resources regarding recycling and preventing grease clogs for move-in packets, dog waste stations, resources and fun activities for in-person events, handout recycling & E-waste flyers, and other resources	Environmental Services Email: livegreen@lexingtonky.gov Number: (859) 425-2800
Composting vs. yard waste	Other yard waste services, more about reducing food waste, compost workshops, compost basics, types of composting, composting glossary, and environmental benefits of composting	Waste Management Email: wastemanagement@lexingtonky.gov Number: (859) 425-2255
Division of Waste Management - overview of services and schedule	Curbside trash collection, recycling, downtown business recycling, dumpster services, yard waste, household hazardous waste, collection dates, 2024 holiday collection schedule, waste management alerts, downloadable documents, and news	Waste Management Email: wastemanagement@lexingtonky.gov Number: (859) 425-2255

Dumpster services - Lexington	Requirements at properties, dumpster screening, dumpster service and collection, holiday collections, service regulations, bulky item pickup, maintenance, disposal fees, and unacceptable items	Waste Management Email: wastemanagement@lexingtonky.gov Number: (859) 425-2255
Electronics recycling	Overview, acceptable items, and unacceptable items	Electronics Recycling Center Number: (859) 425-2255
Free trash disposal day (non-hazardous household waste disposal, 4x/year)	Overview, about the event, guidelines, and where other waste can be disposed	Waste Management Email: wastemanagement@lexingtonky.gov Number: (859) 425-2255
Lex Center for Creative Reuse	Overview, classes and events, donate supplies, our artists, store information, follow us, FAQs, get involved, and other info	Lex Center for Creative Reuse Email: lexcreativereuse@gmail.com
Lexington Habitat ReStore - home improvement store & donation center	About, get involved, ReStore, services, events, contact, location, request deconstruction consultation, and volunteer	Lexington Habitat for Humanity ReStore Email: restore@lexhabitat.org Number: (859) 252-2224
Lexington Recycling Center Virtual Tour	NA	Waste Management Email: wastemanagement@lexingtonky.gov Number: (859) 425-2255
Lexington recycling drop-off locations	Overview, map, and locations	Recycling Center Email: wastemanagement@lexingtonky.gov Number: (859) 425-2255
Lexington Tool Library	Member login, join, donate, volunteer, hours, stay in touch, inventory, events, and questions/ideas	Lexington Tool Library Email: lexingtontools@gmail.com Number: (859) 363-5814
LEXserv - billing program	Cancel or transfer service, explanation of fees, KY sales tax exemption, LEXserv ACH automatic payment, late payment options, pay your bill, request a leak adjustment, sewer user fee adjustments, and view your bill	LEXserv Email: info.lexserv@lexingtonky.gov
Paper shred event	Overview, about the event, and 311 service	Waste Management Email: wastemanagement@lexingtonky.gov Number: (859) 425-2255
Recycling basics and benefits	Benefits, recycling system overview, challenges to recycling stream, and what is being done	Online inquiry/resources: https://www.epa.gov/recycle/forms/contact-us-about-reduce-reuse-recycle
Recycling FAQ	Overview, curbside cart, private haulers, recycle symbols, bagging, receipts, types of cartons, caps, wine boxes, paperboard, cardboard, pizza boxes, egg cartons, paper rolls/tubes, brown paper bags, wrapping paper, tissue paper, staples, old books, shredded paper, types of plastic, bottle caps,	Recycling Center Email: wastemanagement@lexingtonky.gov Number: (859) 425-2255

	prescription bottles, aluminum foil, pie tins, steel cans, aerosol cans, glass, jars, cans, bottles, labels, medical waste, propane bottles, helium bottles, yogurt cups/clamshell containers/etc., and other questions	
Recycling resources	About recycling, appliances, drop-off locations, electronics recycling, paper shred event, and recycling FAQ	Contacts in links.
Reducing food waste	Ways to reduce and more information on food storage strategies.	Waste Management Email: wastemanagement@lexingtonky.gov Number: (859) 425-2255
Stitch it, Don't Pitch It! - Crafty ways to reduce waste	Reusable alternative guide, problem-solution changes, small household waste reduction changes, and how to get involved	Live Green Email: livegreen@lexingtonky.gov Number: (859) 425-2800
Trash - information about waste pick-up, facilities, dumpsters, and landfills	About recycling, about trash, about yard waste, bulky items, dead animals, downtown business area collections, dumpster services, free trash disposal day, hazardous household waste survey, household hazardous waste, Loan-A-Box program, tire roundup, and trash drop-off location	Contacts in links.
Visita virtual del centro de reciclaje de Lexington	NA	Waste Management Email: wastemanagement@lexingtonky.gov Number: (859) 425-2255
Winter waste tips	2024 campaign sign collection drive, 2024/2025 holiday light collection drive, Christmas trees, electronics waste, reduce your holiday waste, and info on your carts	Live Green Email: livegreen@lexingtonky.gov Number: (859) 425-2800



Natural Systems and Ecology

Resources	Information Included	Contact Information
Bluegrass Greensource - Resources & educational tools for a variety of stakeholders	Environmental education, community outreach, events, energy efficiency resources, waste & recycling resources, water quality & conservation resources, get involved, volunteer, support their work, and Buckley Wildlife Sanctuary	Bluegrass Greensource Email: info@bggreensource.org Number: (859) 266-1572
Benefits of Trees	Environmental, economic, social, tree benefit calculator, and value of trees (video)	Urban Forestry Email: urbanforestry@lexingtonky.gov Number: (859) 258-3404
Bluegrass Land Conservancy - Protection with permanent conservation easements	About, impact, land conservation, protected lands, news & events, support, and connect	Bluegrass Land Conservancy Email: info@bluegrassconservancy.org Number: (859) 255-4552
Central KY Audubon Society - Efforts in environmental education, conservation, and recreational programs	About, join, events, newsletters, resources, birding tips, grant opportunity	Tony Brusate, President Email: President@CKAS.org
Environmental Commission - Protects and improves environment	Legislation, homepage, and meetings and elected officers	Environmental Commission Chair: Grace Leppert Downey Email: kgldowney@gmail.com Number: (859) 230-0258
Environmental Services - LFUCG, variety of environmental services	Apartments - property manager resources, brownfields, climate action plan, construction project information, EQPW careers, earth hour, Empower Lexington: A Plan for a Resilient Community, energy initiatives, environmental services, gobble grease toss, Great American Cleanup, greenways, how to properly prune your street tree, Kentucky River Clean Sweep, leaf chutes, Lexington's official tree, Lexington's official flower, Lexington Creek Sweep, Plant by Numbers, Planting Manual, reducing home energy use, riparian buffer, Solarize Lexington, Stitch It, Don't Pitch It!, storm updates, stormwater survey, street trees, sustainability, urban forestry, urban forestry management plan, and water week	Environmental Services Email: livegreen@lexingtonky.gov Number: (859) 425-2800

Fayette Alliance - coalition focusing on sustainable growth through land-use advocacy, education, and research.	Mission, staff, board of directors, advocacy, education, research, "why we care," how to get involved, events, news/donate, and contact	Fayette Alliance Email: info@fayettealliance.com Number: (859) 281-1202
Fayette County Conservation District - Conservation planning focusing on soil erosion and water pollution	Cost share programs, services, news and events, FAQs, resources, education, applications, mission, history, board of supervisors, district staff, operation reports & manuals, and budgeting & finance reports	Fayette County Conservation District Email: support@kyfccd.com Number: (859) 202-1811
Greenspace Trust – Preserving & enhancing green spaces in Lexington.	Greenway Master Plan, LFUCG Greenspace Finder, upcoming meetings, elected officers, greenspace examples, GT projects, and trustee info	Environmental Services Email: livegreen@lexingtonky.gov Number: (859) 425-2800
Greenways - Protecting and improving water quality and wildlife habitat	Greenway system and park trails map, LFUCG greenspace finder, greenways plan, greenway management plan, managing greenways Q+A, living by a public greenway, checking property lines and related info	Environmental Services Email: livegreen@lexingtonky.gov Number: (859) 425-2800
Keep Lexington Beautiful Commission - Preserve & protect with public engagement	Board info, meeting minutes, beautify our community, ending litter, Lex Go Plogging, recycling, Great American Cleanup, take action, videos, and contact	Keep Lexington Beautiful Email: keeplexbeautiful@gmail.com
Kentucky Conservation Committee - Advocates for protection and restoration, acting as a voice in the capitol	About ("What We Do", projects, staff and team, board, opportunities, partners, foundation, media, and contact), legislative (citizen advocacy, state government, legislature 2024, legislative resources 2024, house bills 2024, senate bills 2024, actions 2024, federal legislation, & voter resources), issues (air quality, biodiversity, climate action, cryptocurrency, hydrogen, industrial, land and water, natural gas and oil, nuclear energy, outdoor recreation, plastics pollution, scenic impacts, solar, sustainable industry, transportation, wildlife corridors, resources), events (wildscenic2024, KY Voices 2023, Legislative summit 2024), join/donate, and blog	KY Conservation Committee Email: info@kyconservation.org Number: (502) 209-9659
Kentucky Resources Council - smart policy and legal advocacy to protect natural resources & environmental justice	About (About KRC, major cases and campaigns, as others see us, board of directors, awards, annual report, & careers), our work (environmental & community defense, center for environmental policy, Kentucky environmental accountability project, & latest news), news, get involved (take action, donate, careers, endowment, legacy society, gifts of stock, events), get help, and contact	Kentucky Resources Council Email: hello@kyrc.org Number: (502) 875-2428
LFUCG Corridors Commission - Major road assessment	Legislation, corridors, corridor map, Corridors Neighborhood Enhancement Match Grant Program, and upcoming meetings and elected officers	Corridors Commission - Hilary Angelucci, Administrative Office Senior Email: hangelucci@lexingtonky.gov Number: (859) 280-8266
LFUCG Planning Commission - Approves & reviews community, zone and other development plans	Legislation, zoning ordinance provisions, pursuant to KRS 100.133, bylaws, LFUCG Accela Citizen Portal, 2024 official filing schedule, official filing fee schedule, requirements for filing, current legal advisement, current text amendment applications, meeting minutes, additional documents and resources, Agency Counter map, upcoming meetings, elected officers, planning commission agendas, and zone changes map	Planning Office Email: planningmailbox@lexingtonky.gov Number: (859) 258-3160

LFUCG Rural Land Management Board - Solicits, acquires, and holds enforce conservation easements	Legislation, bylaws, PDR info, upcoming meetings, elected officers, and rural land management board	Rural Land Management Board – Elizabeth Overman Email: eoverman@lexingtonky.gov Number: (859) 425-2227
Parks & Recreation – Park services, events & resources	Aquatics, athletics, community outreach, cultural arts & events, natural areas, therapeutic recreation, find your park, upcoming events, job opportunities, summer playground days, nature in your neighborhood, community centers, and golf & summer camps	Parks & Recreation Administrative Office Number: (859) 288-2900
Plant by numbers – Planting guide	Guides for front yards, streetsides and streamside. Info on lawn prepping, where to buy plants and additional information	Live Green Email: livegreen@lexingtonky.gov Number: (859) 425-2800
Purchase of Development Rights - Kentucky's first Agricultural Conservation Easement program facilitated by a local government	Application process & samples, overview, PDR governance, adding housing/infrastructure Q+A, meeting dates and additional resources	Purchase of Development Rights Email: eoverman@lexingtonky.gov Number: (859) 425-2227
Stormwater Quality Projects Incentive Grant Program - Project funding for water quality, runoff, and stormwater issues	Infrastructure grants, education grants, neighborhood grants, and past projects interactive map	Water Quality Number: (859) 425-2400
Tree Board – Advises on & preserves trees.	Legislation, news, urban forestry program, upcoming meetings, and elected officers	Tree Board Email: urbanforestry@lexingtonky.gov
U.S Green Building Council - promote the design, construction, and operation of environmentally responsible places to live, work and learn.	Overview, members, articles, events, projects, course, sponsors, and past events	USGBC Kentucky Email: community@usgbc.org Number: (800) 795-1747
Urban and Community Forestry – Overview of trees & resources	Reforest the Bluegrass, street trees, tree selection and planting, tree care, benefits of trees, and Lexington's tree canopy	Urban Forestry Email: urbanforestry@lexingtonky.gov Number: (859) 425-2800



Transportation and Land Use

Resources	Information Included	Contact Information
Bicycle and Pedestrian Advisory Committee (BPAC)	Meeting agendas, recordings, materials, and meeting information	Lexington Area MPO Email: lexareampo@lexingtonky.gov Number: (859) 258-3160
Complete Streets - Plans, policies, and resources related to transportation safety	Policy, action plan, KYTC complete street policy, complete street and FHWA resources, and smart growth & complete streets resources	Planning Office Email: planningmailbox@lexingtonky.gov Number: (859) 258-3160
Comprehensive Plan - overview of development and transportation plans	Accessory dwelling units proposal, imagine Lexington (Imagine Lexington 2045, Placebuilder, zoning reform, implementation tab, adopted studies and plans, and request an educational representative), and sustainable growth study (documents, goal four workgroup, meeting schedule, members, and meeting packets)	LFUCG Number: (859) 425-2255
Development and zoning	Current zoning ordinance text amendment applications, floodplains & flood management, land subdivision regulations, major roadway corridor ordinances, map of development activity, neighborhood character design (ND-1) overlay zones, planning applications, public comment for zoning changes, and zoning ordinance	Contacts found in links.
Lexington Area 2050 Metropolitan Transportation plan - Metropolitan Planning Organization	Explore executive summary, read full document, check out appendices, and view project maps	Lexington Area MPO Email: lexareampo@lexingtonky.gov Number: (859) 258-3160

Lextran	Schedules & fares, rider guide, accessibility, work with us, about, alerts, trip planner, app, and news	Lextran Email: info@lextran.com Loudon Administrative Office Number: (859) 255-7756 Downtown Transit Center Number: (859) 253-4636
LFUCG Complete Streets Action Plan - Safety plan being implemented to improve the safety of Lexington streets	Introduction, action plan tasks, timeline, and appendix	Planning Office Email: planningmailbox@lexingtonky.gov Number: (859) 258-3160
Pedestrian Safety Guidelines	Data, safe walking practices, and pedestrian safety ordinance	LFUCG Number: (859) 425-2255
Planning	Planning commission, board of adjustment, Accela citizen portal (planning applications), zoning ordinance, land subdivision regulations, planning resources, map of development activity - AgencyCounter, short term rentals, mission, boards and commissions, planning services, long range planning, transportation planning, ordinances and regulations, staff, and news	Planning Office Email: planningmailbox@lexingtonky.gov Number: (859) 258-3160
Public electric vehicle charging stations	Fast charging, LG&E locations, KU locations, hours fees, find a charging station near you, FAQs, and electric vehicle charging terms & conditions	LG&E Number: (502) 589-1444 or (800) 331-7370 KU/ODP Number: (800) 981-0600
Safe Streets - resources for families and communities	Safe behaviors, events, community events, 'slow down' yard sign, safe streets materials, and donate used bike/scooter	LFUCG Number: (859) 425-2255
Safety City - free safety education program for elementary aged children (second grade)	Overview, schedule a visit, what to expect, history, and staff & instructors	Safety City Email: safetycity@lexingtonpolice.ky.gov Number: (859) 258-3102
Streets and Roads - Variety of services relating to transportation	Artistic traffic box wrap program, complete streets, leaf collector application, neighborhood development fund requests, neighborhood traffic, pavement management plan, potholes, snow and ice control plan, steel plates form, street finder/information about streets, streetlights, and streets & roads services	LFUCG Number: (859) 425-2255

Studies & Plans - Metropolitan Planning Organization	Metropolitan transportation plan, bike & pedestrian master plan, transportation improvement program, participation plan, title VI program plan, unified planning work program, campus to commons trail program, Lexington safety action plan, Imagine New Circle Road Wilmore Rail Study, other studies & plans/archives, "Your MPO," get involved, projects, and contact	Lexington Area MPO Email: lexareampo@lexingtonky.gov Number: (859) 258-3160
Town Branch Trail	Project overview, maps	Engineering Email: wdburton@lexingtonky.gov Number: (859) 258-3410
Trails	Trail map, trail types, bike-friendly trails map, list of trails, and contact	Parks & Recreation Administrative Office Number: (859) 288-2900
Vehicle Surplus Auction	Visit public surplus, how to use, and FAQs	Fleet Management Number: (859) 258-3910
10 FAQs About the Lexington Urban Service Boundary - Fayette Alliance	What, why, efficient and sustainable growth, urban sprawl, other cities, housing prices, environmental impacts, protecting rural land, motivations, and purpose	Fayette Alliance Email: info@fayettealliance.com Number: (859) 281-1202
2024 Urban Growth Master Plan - Imagine Lexington	"About us," draft elements, add comments to the plan, supporting documents and other research, and key events	Imagine Lexington Email: imagine@lexingtonky.gov Number: (859) 258-3160



Quality of Life

Resources	Information Included	Contact Information
Affordable Housing	Affordable housing application, application guidelines for housing production, acquisition and preservation, how do I get help, office of affordable housing, PRO housing grant application, and the processes	Contacts found in links.
Affordable Housing Application	Application, attachment, checklist, processes, and guidelines	Affordable Housing Email: rmcquady@lexingtonky.gov Number: (859) 280-8044
Building permits	Building inspection, certificate of occupancy, commercial construction, current building codes, economic partnership one-stop shop, electrical permits, licensing, inspections, homeowner's corner, how to get a wrecking permit for building demolition, map of development activity, new residential construction, and plumbing permits	Building Inspection Email: buildinginspection@lexingtonky.gov Number: (859) 258-3770
Business licensing and taxes	File withholding returns online, how to apply for a shared mobility vehicle license, how to start a business in Lexington, landfill user fees, occupational license fees - filing requirements, occupational license fees - minimum license fee, occupational license fees - rates, occupational tax forms - current year, occupational tax forms - prior years, and short-term rentals (STRs)	Contacts found in links.
Civic Lex Take Action - Resources for local government involvement & local issues	Register to vote, find elected representatives, city hall newsletter, kids civic scorecard, grown-up civic scorecard, local government organization, local government personnel, local government legislation, city budget, city's long range planning, big issues, current issues in city hall, contacting a council member, attending a council meeting, current meetings in local government, tracking legislation in city hall, joining boards/commission, navigating city's website, filing a dispute with the city, filing an open records request	CivicLex Email: info@civiclex.org Number: (859) 536-1334
Community and Resident Services	Emergency financial assistance, housing repair assistance program, relocation programs, utility and repair support programs, supportive services, KY American water's H2O - help to others program, mission, vision, and values, equal housing opportunity, staff directory, and news	Community & Resident Services Number: (859) 300-5300

Community centers	Castlewood Community Center, Charles Young Center, Community Centers, Dunbar Community Center, I DO Initiative, Kenwick Community Center, Tates Creek Community Center, and William Wells Brown Community Center	Contacts found in links.
Community wellness & safety	DV awareness, domestic and sexual violence prevention coalition, green dot Lexington, mobile market, substance use disorder intervention program, and survivor handbooks	Contacts found in links.
Comprehensive Plan - overview of development and transportation plans	Accessory dwelling units proposal, imagine Lexington (Imagine Lexington 2045, Placebuilder, zoning reform, implementation tab, adopted studies and plans, and request an educational representative), and sustainable growth study (documents, goal four workgroup, meeting schedule, members, and meeting packets)	LFUCG Number: (859) 425-2255
Development and zoning	Current zoning ordinance text amendment applications, floodplains & flood management, land subdivision regulations, major roadway corridor ordinances, map of development activity, neighborhood character design (ND-1) overlay zones, planning applications	Contacts found in links.
Economic Development Investment Board	Pursuant to KRS Chapter 103, legislation, bylaws, priorities, functions, meeting schedule and location, and elected officers	Economic Development Email: katkins@lexingtonky.gov Number: (859) 258-3100
Economic Partnership One-Stop Shop	One-stop Lexington, planning, engineering, traffic engineering, water quality, building inspection, Accela citizen portal, planning, and other resources	Economic Development Email: katkins@lexingtonky.gov Number: (859) 258-3100
Engineering	Construction project information, design and construction, engineering, new development, redevelopment, construction and demolition projects, right-of-way management, sidewalk construction and improvement projects, southland drive sidewalk project, and Versailles Road sections 1 & 2	Contacts found in links.
Event permits	Block party permit, lane blockage permit, and special events permit	Contacts found in links.
Global Lex	About Lexington's international population, global lex, Kentucky drivers license and rules of the road, and new Lexingtonian portal	Global Lex Email: globallex@lexingtonky.gov Number: (859) 246-4333
Grants and special programs - housing	Community housing development organization (CHDO) program, consolidated plan, contractors, emergency repair program, first-time homebuyer program, grants and special programs, housing programs, housing rehabilitation program, legal notices, neighborhood action match program (NAMP), neighborhood development fund requests, PRO housing grant application, and policies and forms	Grants and Special Programs Email: grants@lexingtonky.gov Number: (859) 258-3070
Historic preservation	Board of architectural review, H-1 overlay district and landmark maps, historic preservation, historic preservation commission, local historic district permits, and national register of historic places	Historic Preservation Email: bettie@lexingtonky.gov Number: (859) 258-3265
Homeowner's Corner (resources)	Permits for renovations, call before you dig, and permit instructions	Building Inspection Email: buildinginspection@lexingtonky.gov Number: (859) 258-3770
Homelessness prevention and intervention	How do I get help, how do I get involved, information for stakeholders, and what's being done	Office of Homelessness Prevention and Intervention

		Email: jherron@lexingtonky.gov Number: (859) 258-3070
Housing Advocacy & Community Development	Affordable housing, code enforcement, community & resident services, grants & special programs, homelessness prevention & intervention, housing advocate, Lexington Fayette housing survey, help with a housing issue, and news	Housing Advocacy & Community Development Number: (859) 280-8457
Housing Assistance for Lexington Homeowners	Grants & special programs (housing rehabilitation program & emergency housing repair program), code enforcement (housing repair assistance program & sidewalk replacement grant program), community & resident services (emergency financial assistance), and housing advocate contact for assistance	Housing Advocacy & Community Development Number: (859) 280-8457
Housing Authority Board	Overview, legislation, pursuant to KRS 80.020, learn more, meeting schedule and location, and housing authority board	Housing Authority Board Email: simmsa@lexha.org Number: (859) 281-5060
Housing Programs	For homeowners, eligibility, and accordance with Federal Fair Housing Law	Grants and Special Programs Email: grants@lexingtonky.gov Number: (859) 258-3070 Address: 200 E. Main St. Lexington, KY 40507
How to start a business in Lexington	Registering your business, registering for a federal employer identification number, certificate of occupancy, apply for a business permit (occupational license), paying taxes and registering regulated businesses, and help	Revenue Email: revenue@lexingtonky.gov Number: (859) 280-8300
Kentucky Business Investment Program	Overview & eligibility	Economic Development Email: katkins@lexingtonky.gov Number: (859) 258-3100
Kentucky Business One Stop - Overview of resources	Plan, start, manage, expand, move, licenses & permits, business services, incentives, forms, and resources.	Get help service page: https://onestop.ky.gov/resources/Pages/feedback.aspx
Lex End Homelessness	Home, about us, for partners, resources, get involved, and FAQ	Contacts regarding information, outreach team, and other services: https://lexendhomelessness.com/get-help/
Lexington Economic Development (information and resources)	Overview, public infrastructure program, Lexington employment report, agricultural development, economic development partners, how to start a business, meet the team, legacy business park, Lexington JOBS fund, Lexington videos, one-stop shop, and workforce development	Economic Development Email: katkins@lexingtonky.gov Number: (859) 258-3100
Lexington JOBS Fund (business incentive program)	About & companies	Economic Development Email: katkins@lexingtonky.gov Number: (859) 258-3100
Lexington Public Infrastructure Program - Incentive program	General, description, qualifications, program application, protecting public dollars and investments, accounting and compliance, and application	Economic Development Email: katkins@lexingtonky.gov Number: (859) 258-3100
LFUCG Citizen Portal - Accela	Home, building inspection, engineering, planning, waste management, general information, engineering, login/create an account, schedule, and city departments	LFUCG Number: (859) 425-2255

Map of development activity in Lexington	Agency Counter overviewing planning applications and building permits processed by the city	Building Inspection Email: buildinginspection@lexingtonky.gov Number: (859) 258-3770
Minority Business Enterprise Program	Comments, contact us, disparity study, events, FAQs, how to become a certified minority, veteran and woman owned business, materials, minority business enterprise program, and project team	Minority Business Enterprise Liaison Email: smiller@lexingtonky.gov OR LFUCGdisparity@bbcresearch.com Number: (859) 258-3323
Mobile market - mobile grocery market	Overview, mock-ups of mobile market, calendar, and mobile market feedback	Mobile Market Email: tbrown2@lexingtonky.gov
Neighborhood Action Match Program Review Board	Legislation, learn more about program, meeting schedule and location, elected officers, and program review board	Neighborhood Action Match Program Review Board Email: teresar2@lexingtonky.gov Number: (859) 258-3079
Neighborhood associations	Find your neighborhood association and resources for neighborhoods, residents	Planning Office Email: planningmailbox@lexingtonky.gov Number: (859) 258-3160
Office of Affordable Housing	Lexington Fayette Housing Survey, mission, applying for funding, guidelines, processes, application, affordable housing governing board, other resources, and news	Affordable Housing Email: rmcquady@lexingtonky.gov Number: (859) 280-8044
One-Stop Lexington - development resources portal	Zoning portal, commercial portal, and residential portal	LFUCG Number: (859) 425-2255
Public Safety	Forms, community corrections, emergency management, enhanced 911, fire & emergency services, police, and news	Public Safety Number: (859) 258-3280
Racial Justice and Equity Commission	Legislation, bylaws, 2020 founding commission and subcommittee members, meeting schedule and location, Full Commission Meetings, Health Disparities Subcommittee Meetings, Housing and Gentrification Subcommittee Meetings, Law Enforcement, Justice, and Accountability Subcommittee Meetings, Education and Economic Opportunity Subcommittee Meetings, Racial Equity Subcommittee Meetings, elected officers, reports, guiding principles, subcommittees, subcommittee objectives and goals, and resources	Commission for Racial Justice and Equity Email: Tbrown2@lexingtonky.gov Number: (859) 258-3130
Resident support	Case management and representative payee program, community & resident services, emergency financial assistance, housing repair assistance program, how do I get help, mobile market, relocation programs, utility and repair support programs	Contacts found in links.
Social Services	Aging & disability services, family services, youth services, domestic and sexual violence protection, coalition, substance use disorder intervention program, and partners for youth, newsletters, extended social resources grant program, FY24-FY25 nonprofit capital grant program, American rescue plan act nonprofit capital grant program, opioid misuse resource & needs assessment, and news	Social Services Email: kallenbryant@lexingtonky.gov Number: (859) 258-3804
Social Services and Public Safety Committee	Overview of types of items, 2024 meeting schedule, and committee members	Social Services and Public Safety Committee Email: kthompson@lexingtonky.gov Number: (859) 280-8268

Sustainable Growth Study	Overview, documents, goal four workgroup, and mayor's sustainable growth task force - meeting packets	Planning Office Email: planningmailbox@lexingtonky.gov Number: (859) 258-3160
Vacant properties	About the vacant property review commission, submit a vacant property appeal, vacant property review commission meetings, vacant property tools and resources, and view the vacant property list	Vacant Property Review Commission Email: kking2@lexingtonky.gov Number: (859) 425-2179
Workforce Development	Learn more about WORK-Lexington, application for workforce development grant, grant workshop, workforce partners, programming opportunities, and purpose	WORK-Lexington Email: work@lexingtonky.gov Number: (859) 258-3026
WORK-Lexington Lexington Workforce Resource Center	Help finding a job, what is included in the program, schedule a visit, comments or suggestions section, success stories, and full presentation	WORK-Lexington Email: work@lexingtonky.gov Number: (859) 258-3026



Water Efficiency

Resources	Information Included	Contact Information
Adopt A Storm Drain Program	Overview, volunteering, how-to, and artistic storm drains	Live Green Email: livegreen@lexingtonky.gov Number: (859) 425-2800
Aquatic Centers	Information, locations, pool rules and guidelines, and additional aquatic features & programs	Parks & Recreation Aquatics Number: (859) 288-2973
Best management practices - Fats, oil and grease in food service industry	Training kitchen staff, "no grease" signs, garbage disposal tips, grease interceptor cleaning, cleaning events, and inspecting grease interceptor	Water Quality Number: (859) 425-2400
Bluegrass Greensource Water Quality & Conservation Resources (Directions: What You Can Do -> Water Quality & Conservation)	Fats, oils, and grease, planting trees, rain barrels, riparian buffers, storm drains, water quality, lawn care, pollinator gardens, rain gardens, septic care, water conservation, and winterization	Bluegrass Greensource Email: info@bggreensource.org Number: (859) 266-1572
Consent Decree	Consent Decree document, appendices, and public document repository	Water Quality Number: (859) 425-2400
Construction site stormwater runoff control	Overview & broad information	Water Quality Number: (859) 425-2400
Dental Office Category Rule - EPA regulation	Overview and links	Water Quality - Gabe Hensley Email: ghensely@lexingtonky.gov Number: (859) 425-2041
Detention basins and retention ponds	What are they, homeowner responsibilities, city government responsibilities, requirements for commercial and industrial property owners, basin maintenance policy, basin ordinance, detention and retention pond maintenance brochure, and detention basins and retention ponds BMPS (video)	Water Quality Number: (859) 425-2400

Division of Water - KY Energy and environment cabinet	Staff directory, organization chart, water referral directory, locate our offices, acronym directory, director's office, drinking water branch, field operations branch, program planning and support branch, surface water permits branch, water infrastructure branch, water quality branch, water resources branch, and watershed management branch	Division of Water Number: (502) 564-3410
EPA - Ground Water and Drinking Water	PFAS national primary drinking water regulation, basics, key topics, regulations, states, tribes, and water systems, laboratories, and other drinking water topics	EPA Contact: Online water inquiry form - https://www.epa.gov/ground-water-and-drinking-water/forms/online-form-epas-office-ground-water-and-drinking-water
Fats, Oils, and Grease (FOG) - business	FOG permit application, program information, forms/drawings, and ordinances	Water Quality Number: (859) 425-2400
Geocaching challenge	Overview, intro video, water-themed adventure, and public greenway adventure	Live Green Email: livegreen@lexingtonky.gov Number: (859) 425-2800
Grease interceptor requirements	Submission requirements, design requirements, maintenance, and record keeping	Water Quality Number: (859) 425-2400
Illicit discharge detection and elimination program	What are they, detection and elimination program, dry weather screening, and stream assessment	Water Quality Number: (859) 425-2400
Industrial and high-risk commercial stormwater runoff program	Overview, who's covered, no exposure exclusion, facility inspections, stormwater pollution prevention plans, four main objectives of SWPPP, SWPPP template, example site map, SWPPP checklist, items required, water quality monitoring, sampling, and guidelines	Water Quality Number: (859) 425-2400
Kentucky American Water Conservation Tips	Tips for wise water use, when watering, in the yard, around the house, about American water, about Kentucky American Water	Kentucky American Water Email: susan.lancho@amwater.com Number: (859) 268-6332
LEXserv - billing program	What it is, sewer user fee adjustment, where payments go, disconnection, and Kentucky sales tax exemption	LEXserv Email: info.lexserv@lexingtonky.gov Number: (859) 280-8047 OR 1 (888) 987-8111
Local limits for industrial discharges	Map of treatment plant boundaries and WWTP discharge limits for Town Branch & West Hickman WWTPs	Water Quality Number: (859) 425-2400
Neighborhood sewer improvements	Project information page, sanitary sewer cleaning and inspection schedule, stormwater work schedule, and sanitary sewer work schedule	Water Quality Number: (859) 425-2400
Odor control plan updates - Water Quality	Overview, updates for Town Branch WWTP and West Hickman WWTP, pump stations and sewer lines, and additional information	Water Quality Number: (859) 425-2400
Plant a rain garden	The results of urbanization, how it works, benefits, finding the natural fit, myths, sizing for success, using native plants, layout and construction, planting and plant layout, start-to-finish, and additional resources	Live Green Email: livegreen@lexingtonky.gov Number: (859) 425-2800
Planting a Riparian Buffer - UK college of AGR	What are they, benefits, how to create, native warm-season grasses, protection and maintenance, and resources	ENRI Task Force Email: brad.lee@uky.edu
Pretreatment program - preventing pollutants from infiltrating water	Overview, industries, and local limits	Water Quality Number: (859) 425-2400

Riparian Buffer	What it is, educational material, application, city ordinance, benefits, managing vegetation, removing invasive plants, and additional information	Environmental Services Email: livegreen@lexingtonky.gov Number: (859) 425-2800
Sewer user fees and surcharge rates	2024 rates, schedule A, schedule B, pollutants, and schedule A social security/disability rate adjustment	Water Quality Number: (859) 425-2400
Stormwater and storm sewer system	Overview, flooding program, stormwater projects, stormwater and water quality program, success stories, stormwater quality projects incentive grant program, and how you can help	Water Quality Number: (859) 425-2400
Stormwater and Water Quality YouTube Playlist	Construction sites and post-construction educational videos	Water Quality - Bailee Young Email: byoung@lexingtonky.gov Number: (859) 425-2482
Stormwater Quality Projects Incentive Grant Program - Project funding for water quality, runoff, and stormwater issues	Infrastructure grants, education grants, neighborhood grants, and past projects interactive map	Water Quality Number: (859) 425-2400
Stormwater Stakeholder Advisory Committee	Mission statement, past meeting minutes, documents, ways to contact the staff	Water Quality - Bailee Young Email: byoung@lexingtonky.gov Number: (859) 425-2482
Tap-on desk - proper sewer line installation	Responsibilities, capacity tracking IMS, and tap-on fees for various properties - July 1, 2024-June 30, 2025	Water Quality Number: (859) 425-2400
Water Conservation - Kentucky Cooperative Extension Service Resource	Rain barrels, residential rain gardens, 40-gallon challenge, and water conservation	ENRI Task Force Email: brad.lee@uky.edu
Water Quality - Resident resources	Lexington's stormwater program, fats, oils, and grease (FOG), drain stenciling, do your duty, environmentally friendly lawn care, sump pump redirect, taking care of your basin or pond, toilets are not trashcans, neighborhood stormwater incentive grants, what should I do if my home floods, and illicit discharge detection and elimination program	Water Quality Number: (859) 425-2400
Water Quality Fees Board	Legislation, bylaws, WQFB meetings and location, past meeting minutes, elected officers, and contact information	Water Quality Number: (859) 425-2400
Water quality management fee	Yearly rates and appeal process	Water Quality Number: (859) 425-2400
Water Week	Information posted regarding location, events, and other resources. Happens annually in March.	Environmental Services Email: livegreen@lexingtonky.gov Number: (859) 425-2800
Watersheds - Overview & Finding Yours	Find your watershed, overview of all the watersheds, and watershed map	Water Quality Number: (859) 425-2400
2023 Kentucky American Water - Water Quality Report	What is a Consumer Confidence Report, A message from our President, Mark of Excellence, About Your Drinking Water Supply, What are the Sources of Contaminants?, Protecting Your Drinking Water Supply, About Lead, Important Information About Your Water, Water Quality Results, Definitions of Terms Used in Document, Water Quality Results: Detailed Tables, Public Notification: Unregulated Contaminant Monitoring, Steps to Save Water, About Us, and Contact Us	Kentucky American Water Email: susan.lancho@amwater.com Number: (859) 268-6332



Energy and Greenhouse Gas Emissions

Resources	Information Included	Contact Information
Climate Action Plan	Meeting presentation, priority action climate plan, and PCAP timeline	Environmental Services Email: sustainability@lexingtonky.gov Number: (859) 425-2800
Energy Initiatives - Lexington	Manage primary utilities for the urban county government, front-end building automation platforms, and energy projects	Environmental Services Email: energy@lexingtonky.gov Number: (859) 425-2800
Energy Saver - efficient homes, projects, and information about incentives	Energy-saving tips, virtual tour of an energy efficient house, financing and incentives, home comfort resources, weatherization resources, efficient design resources, renewable & electricity resources, and publications	Online inquiry/resources: https://www.energy.gov/energysaver/contact-energy-saver
Energy Star - energy savings appliance company	Find products, save at home, new homes, commercial buildings, and industrial plants	Energy Star Customer Support Online portal: https://energystar.my.site.com/ENERGYSTAR/s/contactsupport
EPA GHG reduction programs and strategies	Energy efficiency, renewable energy, supply chain, waste reduction and diversion strategies, reduce methane emissions, and increase fuel efficiency in transportation and logistics	EPA Contact: Online inquiry form - https://www.epa.gov/climateleadership/forms/contact-us-about-epa-center-corporate-climate-leadership
Environmental Quality and Public Works careers	Services provided, learn more, current job openings, and email us	Environmental Quality & Public Works Number: (859) 425-2255
Guide to LEED Certification	Commercial, neighborhood development, residential, volume supplement, cities and communities, LEED certification fees, and LEED certification deadlines	Green Building Council Number: (800) 795-1747 Address: U.S. Green Building Council
Lexington Energy Project Assessment District - PACE	Brochure, about the program, and commercial PACE benefits	PACE Financing - Jada Walker Griggs Email: sustainability@lexingtonky.gov

Financing (benefits for efficiency projects)		
Lexington's greenhouse gas inventories report	Introduction, stationary energy, transportation, waste, industrial processes and product use (IPPU), agriculture, forestry, and other land use (AFOLU), other scope 3 emissions, peer communities, trend analysis, emissions forecast, and quality assurance and certification	Environmental Services Email: sustainability@lexingtonky.gov Number: (859) 425-2800
Lexington's greenhouse gas inventories report summary	Definition, comparing Lexington, and trends over the years	Environmental Services Email: sustainability@lexingtonky.gov Number: (859) 425-2800
Local renewable energy benefits and resources	Overview, benefits of renewable energy, implementing on-site renewable energy projects, and tools and resources	EPA Contact: Online inquiry form - https://www.epa.gov/statelocalenergy/forms/contact-us-about-energy-resources-state-local-and-tribal-governments
Reducing home energy use	Ways to lower home energy use, energy audits, and other energy efficiency resources	Environmental Services Email: livegreen@lexingtonky.gov Number: (859) 425-2800
Reducing food waste	Ways to reduce and more information on food storage strategies	Waste Management Email: wastemanagement@lexingtonky.gov Number: (859) 425-2255
Regulations, standards, and incentives (renewable energy and energy sources)	U.S. federal laws and statutes and U.S. state bills related to renewable energy, renewable energy legislation, renewable portfolio standards, and incentives.	The Library of Congress Number: (202) 707-5000
Solarize Lexington	Benefits, eligible applicants, grant program, interest form, workshops, roof compatibility assessment, necessary information for evaluation, energy efficiency information, and FAQ	Environmental Services Email: livegreen@lexingtonky.gov Number: (859) 425-2800
The Environment - LG&E + KU	Protection and preservation efforts, reducing our footprint, planning for the future, expanding renewable energy, and renewable resources	LG&E Number: 502-589-1444 or 800-331-7370 KU/ODP Number: 800-981-0600
US Climate Vulnerability Index	Score combining environmental, social, economic, and infrastructure effects on neighborhood-level stability	The U.S. Climate Vulnerability Index Email: CVI@edf.org
Weatherization - Bluegrass Greensource tips	Weatherization overview, weatherization tips, and helpful videos	Bluegrass Greensource Email: info@bggreensource.org Number: (859) 266-1572
What is a green bank - coalition for green capital	What are they, status by state, techniques, and resource library	Coalition for Green Capital Online inquiry form - https://coalitionforgreencapital.com/contact-us/
What is net zero? - net zero	What is it, related terms, net zero as the goal, and FAQ	Net Zero Email: netzero@ouce.ox.ac.uk