

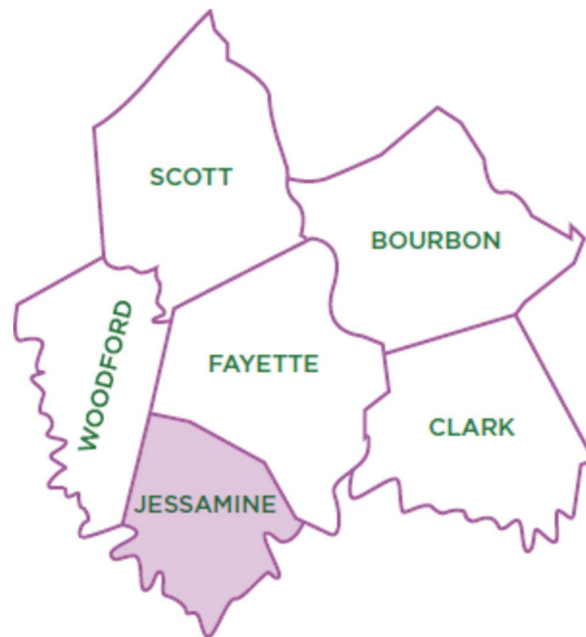
Jessamine County

Population: 53,609

WHAT ARE GREENHOUSE GASES?

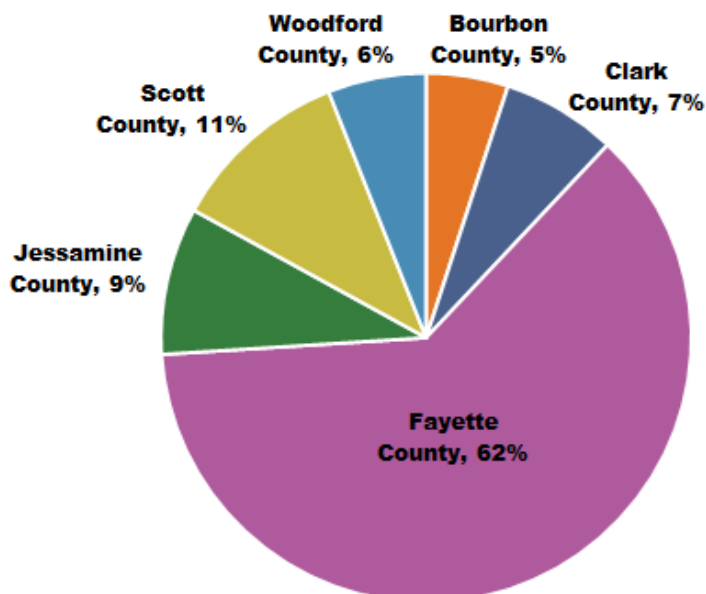
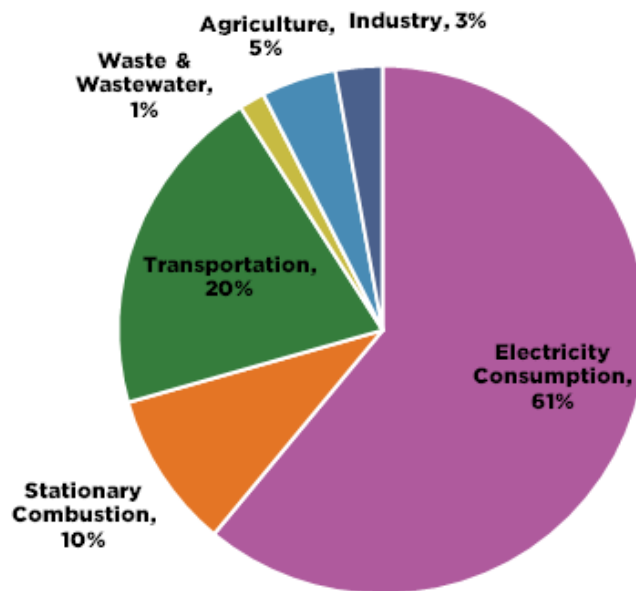
Greenhouse gases work like the glass in a greenhouse. Gases in Earth’s atmosphere let sunlight in and trap some of the heat. These gases are natural and important to keep the Earth livable, but too many gases will trap too much heat. Trapping too much heat makes the Earth too warm and has harmful effects. The “greenhouse effect” is one of the main reasons our climate is changing.

Human activities, like **fossil fuel combustion for our homes and vehicles, waste handling practices, and industrial and agricultural processes** produce greenhouse gases.



JESSAMINE COUNTY EMISSIONS

The majority of greenhouse gas emissions in Jessamine County come from the **electricity, transportation, and stationary combustion sectors**. These three sources account for more than 91% of the pollution.



GREENHOUSE GAS EMISSIONS BY COUNTY

Jessamine County is responsible for 9% of the area’s greenhouse gas emissions.

ABOUT THE CLIMATE POLLUTION REDUCTION GRANT PROGRAM

Through the Inflation Reduction Act (IRA) of 2022, Congress provided many tools to pursue greenhouse gas (GHG) pollution reductions, including the Climate Pollution Reduction Grant (CPRG) program.

In implementing this and many other programs under the IRA, the U.S. Environmental Protection Agency (EPA) seeks to achieve three broad objectives:



Tackle damaging climate pollution while supporting the creation of good jobs and lowering energy costs for families.



Accelerate work to address environmental injustice and empower community-driven solutions in overburdened neighborhoods.



Deliver cleaner air by reducing harmful air pollution in places where people live, work, play, and go to school.

THE CLIMATE POLLUTION REDUCTION GRANTS PROGRAM



Phase 1 of the CPRG program required submittal of a Priority Climate Action Plan (PCAP) for states and MSAs by March 1, 2024. The PCAP is a narrative report that included a focused list of near-term, high-priority, implementation-ready measures to reduce GHG pollution. The PCAP also included a simplified GHG inventory for the entire MSA, emissions reductions associated with the proposed implementation measures, a low-income and disadvantaged communities benefit analysis, and a review of authority to implement. It can be downloaded here: LexingtonKY.gov/Climate-Action-Plan

Phase 2 of the program will expand the Priority Climate Action Plan into a Comprehensive Climate Action Plan (CCAP). The CCAP will touch on all significant GHG sources, sinks, and sectors present in the MSA, establish near-term and long-term GHG emission reduction goals, and provide strategies and identify measures to achieve those goals. The CCAP will be a plan for the community, by the community, that will hold the promise of preserving the place we live and love for years to come.

As the largest municipality in the MSA, the Lexington-Fayette Urban County Government (LFUCG) is designated as the lead agency to oversee and maintain responsibility for the management of the grant funds, activities, and deliverables. LFUCG has partnered with municipalities across the MSA to develop the PCAP and CCAP.

For more information, visit: EPA.gov/inflation-reduction-act/climate-pollution-reduction-grants