



# CITY OF SPOKANE, WASHINGTON

## Greenhouse Gas Inventory Results

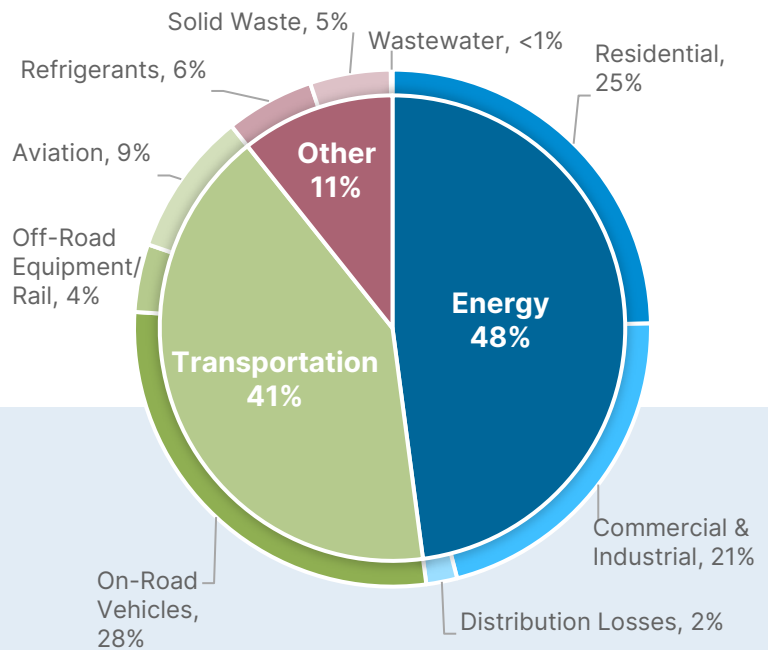
The City of Spokane has committed to reducing greenhouse gas (GHG) emissions within its community and governmental operations.

**As an important step in its climate action planning process, the City has completed GHG inventories for each year from 2016-2022.**

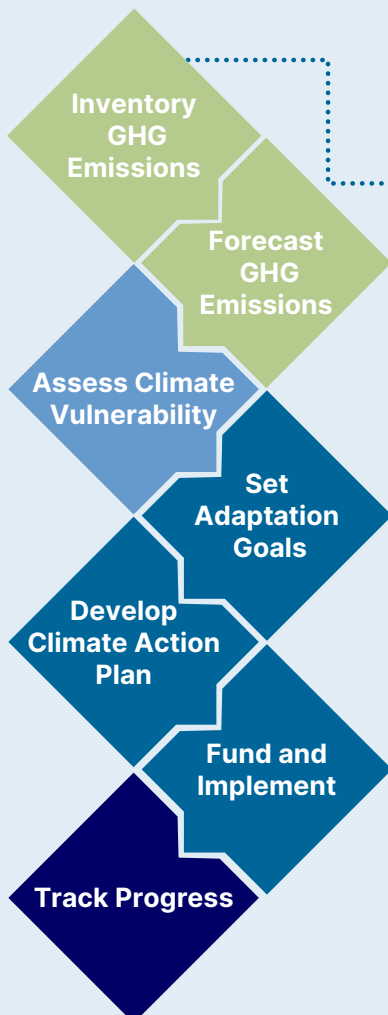
These inventories help the City set targets and goals, measure progress over time, and inform which actions will have the greatest GHG emissions reduction benefits.

### 2022 Community Emissions At A Glance

**2,283,457 Estimated Metric Tons of Carbon Dioxide Equivalent (MTCO<sub>2</sub>e)**



### Where We Are & Where We're Going



### Greenhouse Gas Overview:

Greenhouse gas emissions are a type of **climate pollution** that represent the release of heat-trapping gases.

Greenhouse gas inventories focus on **tracking activity** that leads to greenhouse gas emissions. Most greenhouse gas emissions come from **fossil fuels**.

Emissions reductions can provide **local benefits** like improved local air quality, health benefits, and lower household costs.

### Did You Know?

The City of Spokane has set greenhouse gas reduction goals for the next twenty-five years for community emissions:

**-45%**

**by 2030**

**-70%**

**by 2040**

**Net Zero**  
**by 2050**

*\* relative to a 2016 baseline*



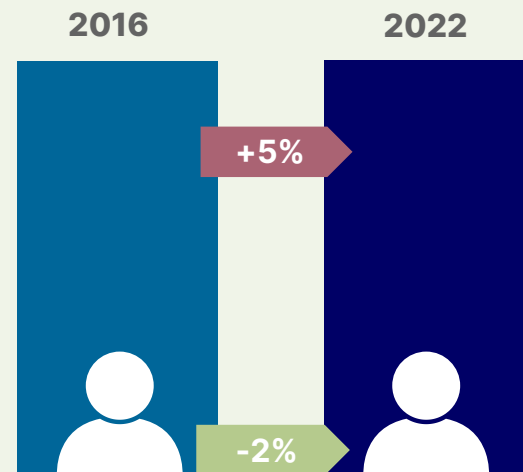
## Community GHG Emissions Trend

2016 and 2022

	2016 Emissions (MTCO <sub>2</sub> e)	2022 Emissions (MTCO <sub>2</sub> e)	% Change
Energy	1,017,275	1,094,000	+8%
Transportation	923,084	945,012	+2%
Refrigerants	111,973	126,649	+13%
Solid Waste	117,502	115,455	-2%
Wastewater	3,074	2,341	-24%
<b>Total</b>	<b>2,172,907</b>	<b>2,283,457</b>	<b>+5%</b>
Per-Capita	10.10	9.89	-2%

Overall emissions were **up 5%** from 2016 to 2022.

Emissions **decreased 2%** on a **per-capita** basis.

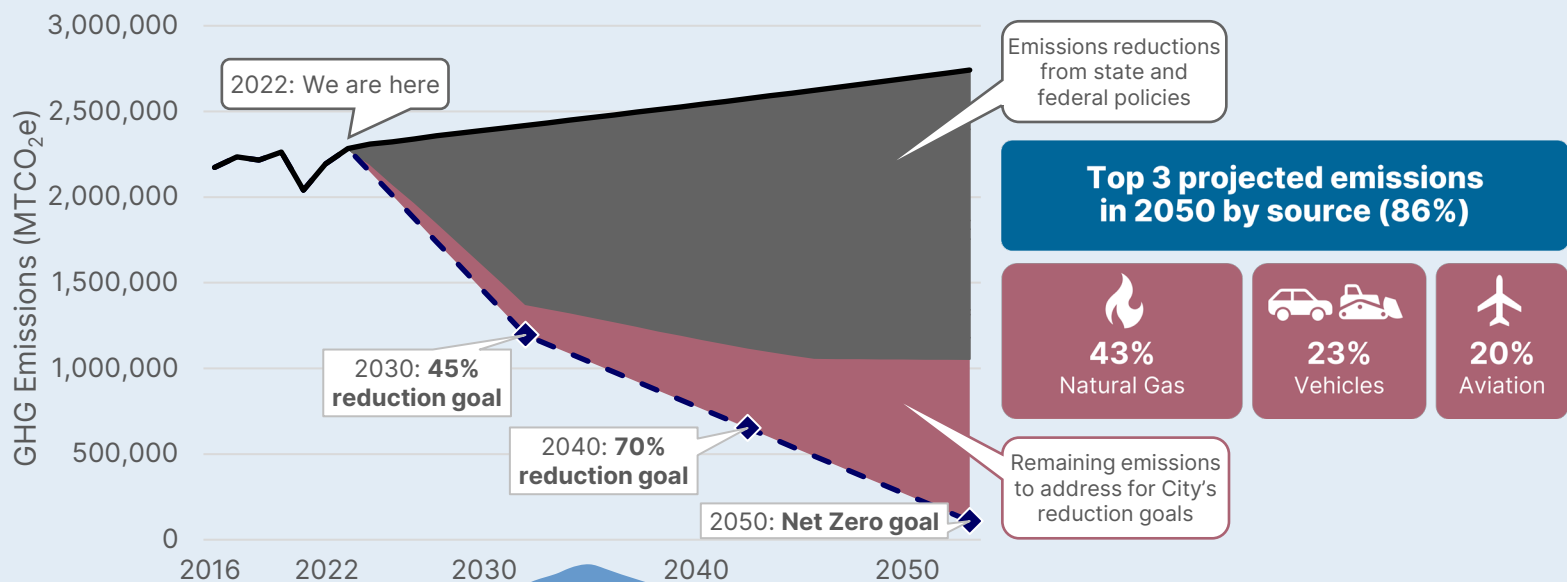


## Communitywide Emissions Forecast Through 2050

The City's **"no action future"** is shown below, represented by the black line.

The gray area represents emission reductions from adopted state or federal policies, or the **"adjusted business as usual"** scenario. When accounting for the impact of **state and federal policy**, compared to the 2016 baseline, emissions are expected to **decrease by 51%**.

The red area shows the remaining emissions needed to be reduced to meet the City's emissions goals.



Visit [greenspokane.org](https://greenspokane.org) for more information about the greenhouse gas inventory and climate action planning process. [Follow us on social media](#) to stay up to date with all the efforts across the City.