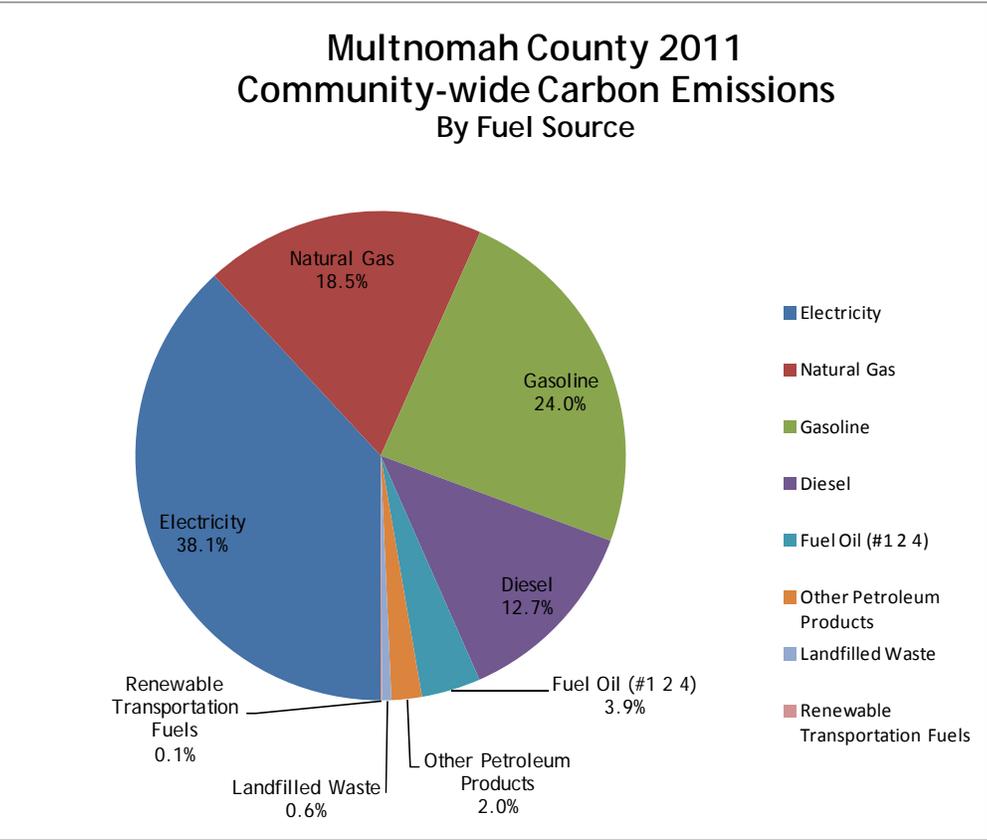
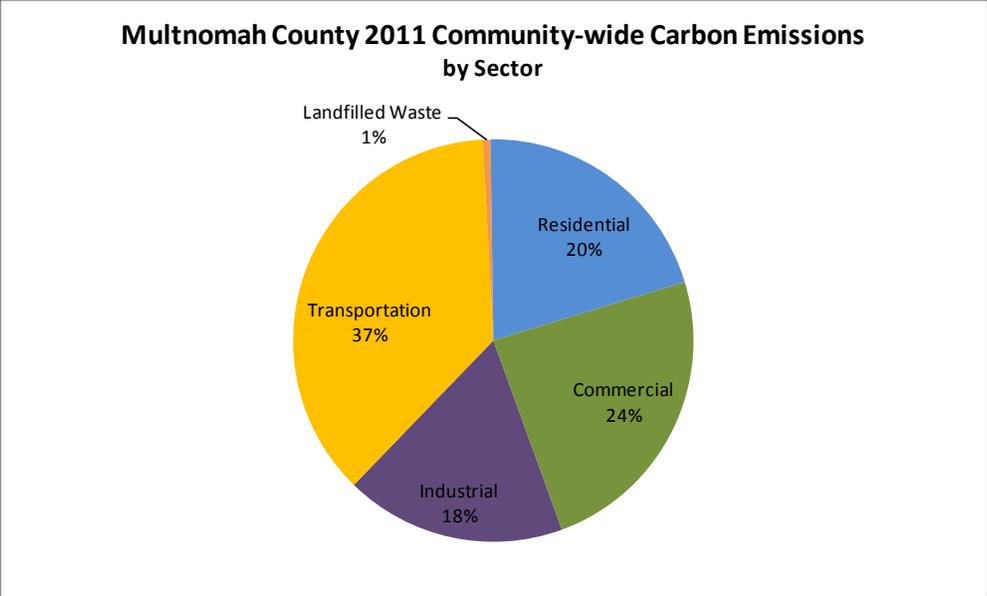


Climate Action Plan 2013 Update - Background Data

The following information was requested by the CAP Update Steering Committee and prepared by City of Portland Bureau of Planning and Sustainability and Multnomah County in September 2013.

Multnomah County Community-wide 2011 Emissions by Sector and by Fuel

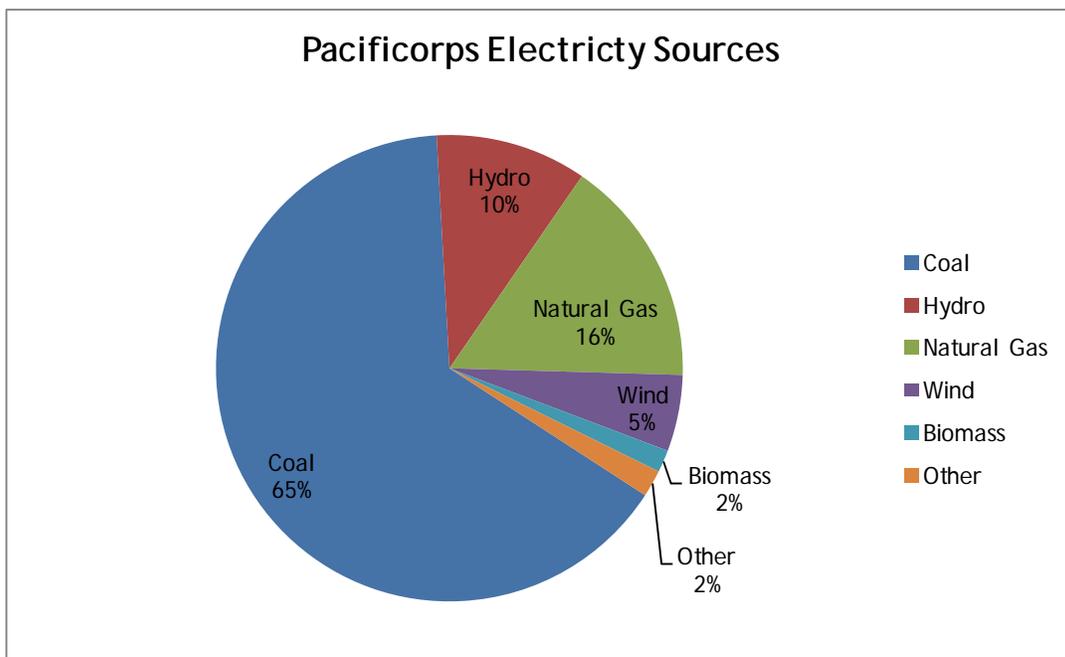
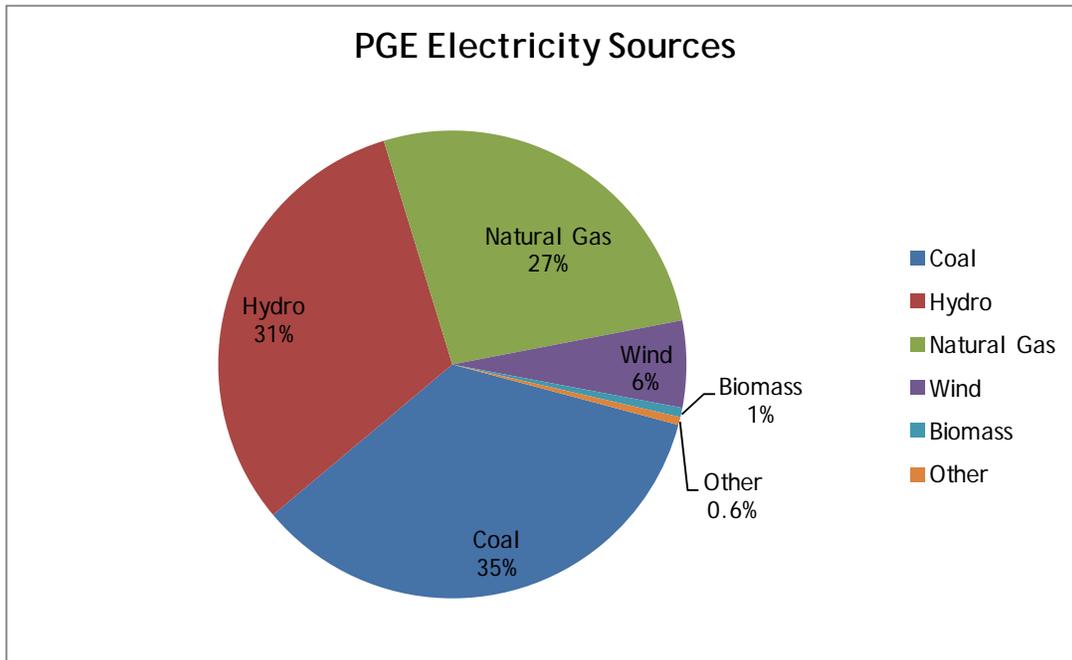
The figures below include emissions produced from the combustion of fossil fuels from vehicles, buildings and industrial processes, as well as emissions related to electricity use within Multnomah County and emissions at landfills where local waste is disposed of.



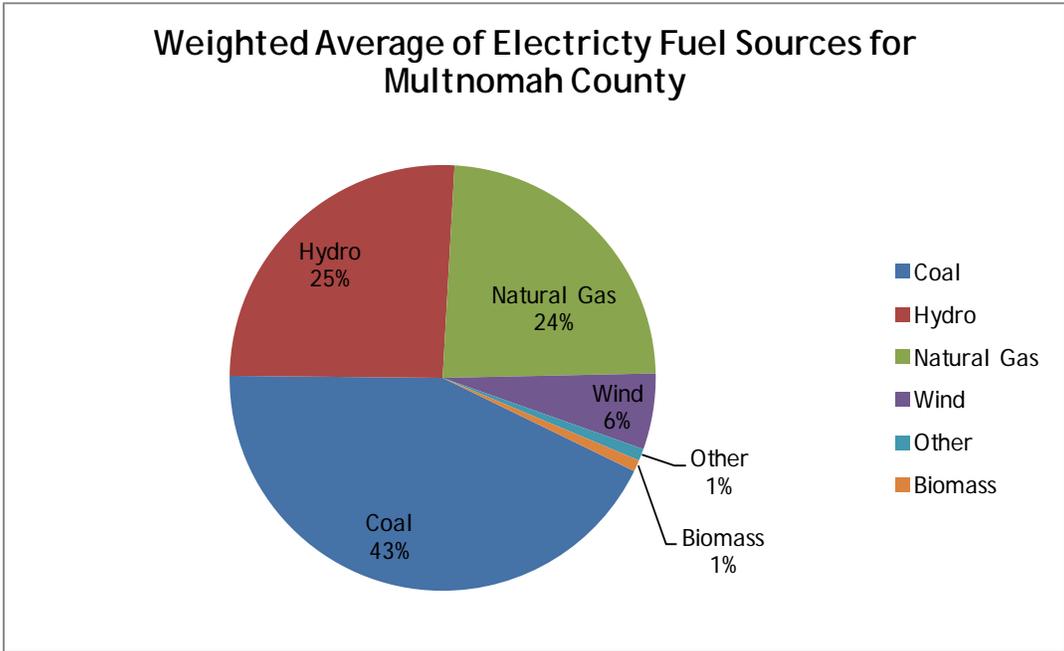
Source: This data has been prepared by the City of Portland, Bureau of Planning and Sustainability using STAPPA/ALAPCO and ICLEI's Clean Air and Climate Protection Software developed by Torrie Smith Associates, Inc. Data was provided by Portland General Electric, Pacific Power, Northwest Natural, Oregon Department of Transportation Gas Tax records, U.S. Energy Information Administration, and Metro.

Multnomah County Electricity Sources by Utility and Averaged for Multnomah County

Electricity generation sources for Multnomah County include resources directly owned by Portland General Electric (PGE) and Pacific Power as well as electricity purchased from other suppliers. For PGE, 82% of electricity generation is from known sources and 18% is from Northwest Power Pool market purchases. For Pacific Power, 92% is generated from known sources and 8% comes from Northwest Power Pool market purchases. The weighted average for Multnomah County is based on actual electricity sales in 2011 and includes 73% electricity from PGE and 27% from Pacific Power.



Weighted Average of Electricity Fuel Sources for Multnomah County

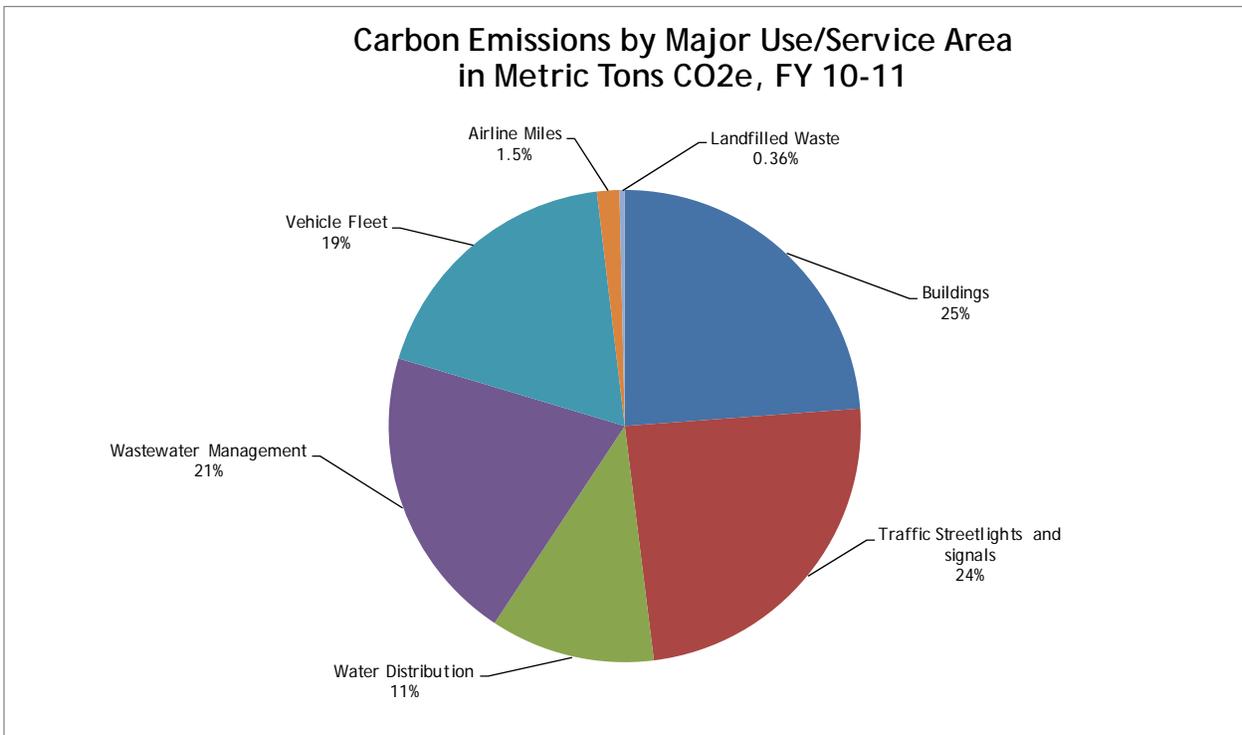


Source: Multnomah County electricity generation data is from the Oregon Department of Energy and was prepared by City of Portland, Bureau of Planning and Sustainability based on actual electricity sales in Multnomah County. http://www.oregon.gov/energy/pages/oregons_electric_power_mix.aspx

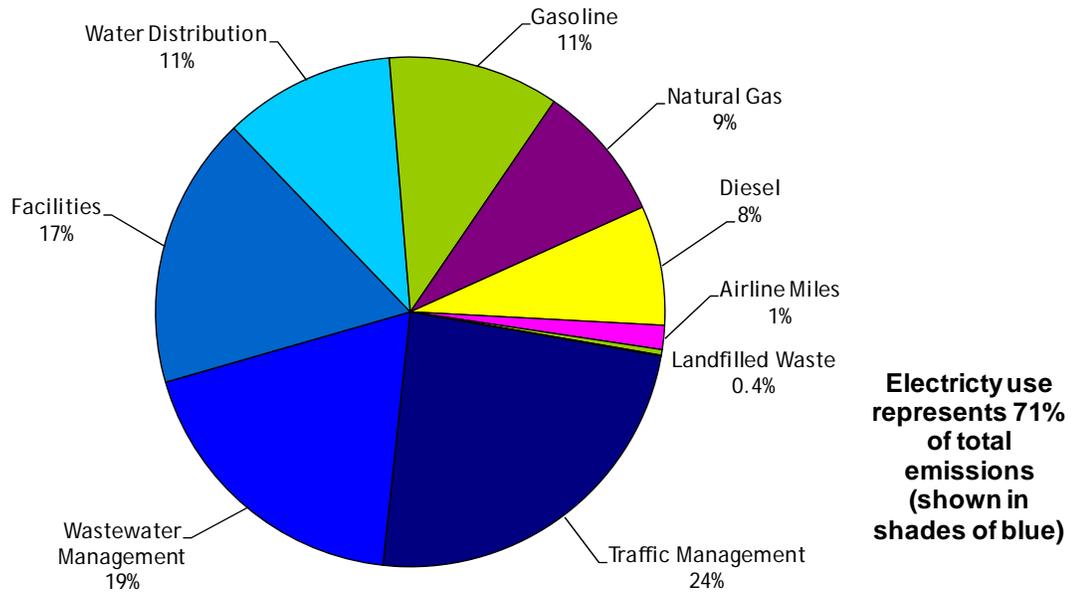
City of Portland Government Operations Emissions

The following data for the City of Portland government operations shows carbon emissions for Fiscal Year 10-11. The data includes emissions by both service area and fuel source. This includes emissions resulting from 1) fossil fuels combusted from the City's fleet and buildings; 2) electricity purchased by the City; 3) airline miles travelled by City employees; and 4) landfilled solid waste generated at City facilities.

Carbon Emissions by Major Use/Service Area in Metric Tons CO₂e, FY 10-11



Carbon Emissions by Fuel Type in Metric Tons CO2e, FY 10-11



Source: City of Portland government operations data was calculated by the Bureau of Planning and Sustainability using STAPPA/ALAPCO and ICLEI's Clean Air and Climate Protection Software developed by Torrie Smith Associates, Inc. and Portland Parks & Recreation Department Carbon Calculator, Version 1, created by Good Company, June 2008. Data was provided directly from Portland General Electric, Pacific Power, Northwest Natural, Portland Office of Management and Finance, and the City's solid waste hauler Trashco.

Multnomah County Government Operations Emissions

Carbon Emissions from Multnomah County Government Operations are shown for FY 2011. The data includes emissions by both service area and fuel source. Emissions represent fuel and electricity used in County buildings, vehicle fleet and both street and bridge lighting.

