

# Overview of Oregon's 2020 National Emissions Inventory

Emissions Inventory Group, Air Quality Technical Services

5/2/2023

Portland, Oregon

# What is the National Emissions Inventory (NEI)?

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- EPA's website describes the NEI on the [EPA Air Emissions Inventory Website](#).
- Oregon DEQ's general overview of what an Emissions Inventories is, can be found on the [DEQ Air Emissions Inventory Overview Webpage](#).
- The [DEQ Emissions Inventory home page](#) contains links for additional information, contact information and a link to make a Data Request.
- The data included in this presentation is from the EPA's NEI database. This is an overview of the Oregon, state-wide data.

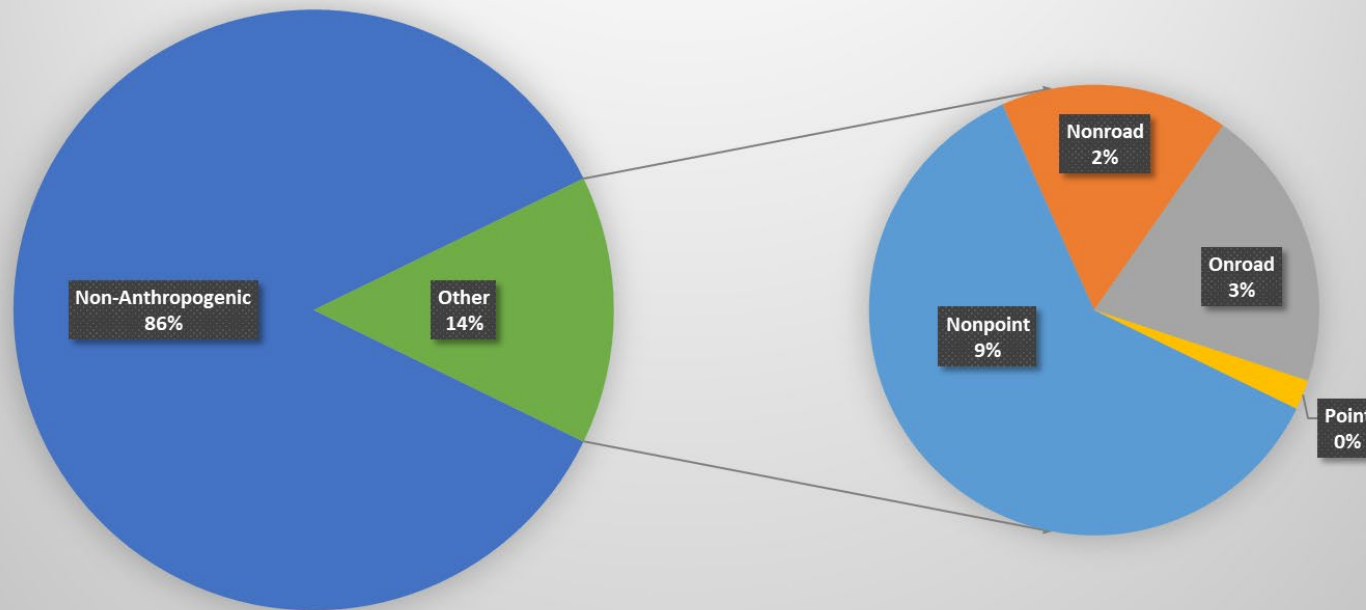
# Nomenclature

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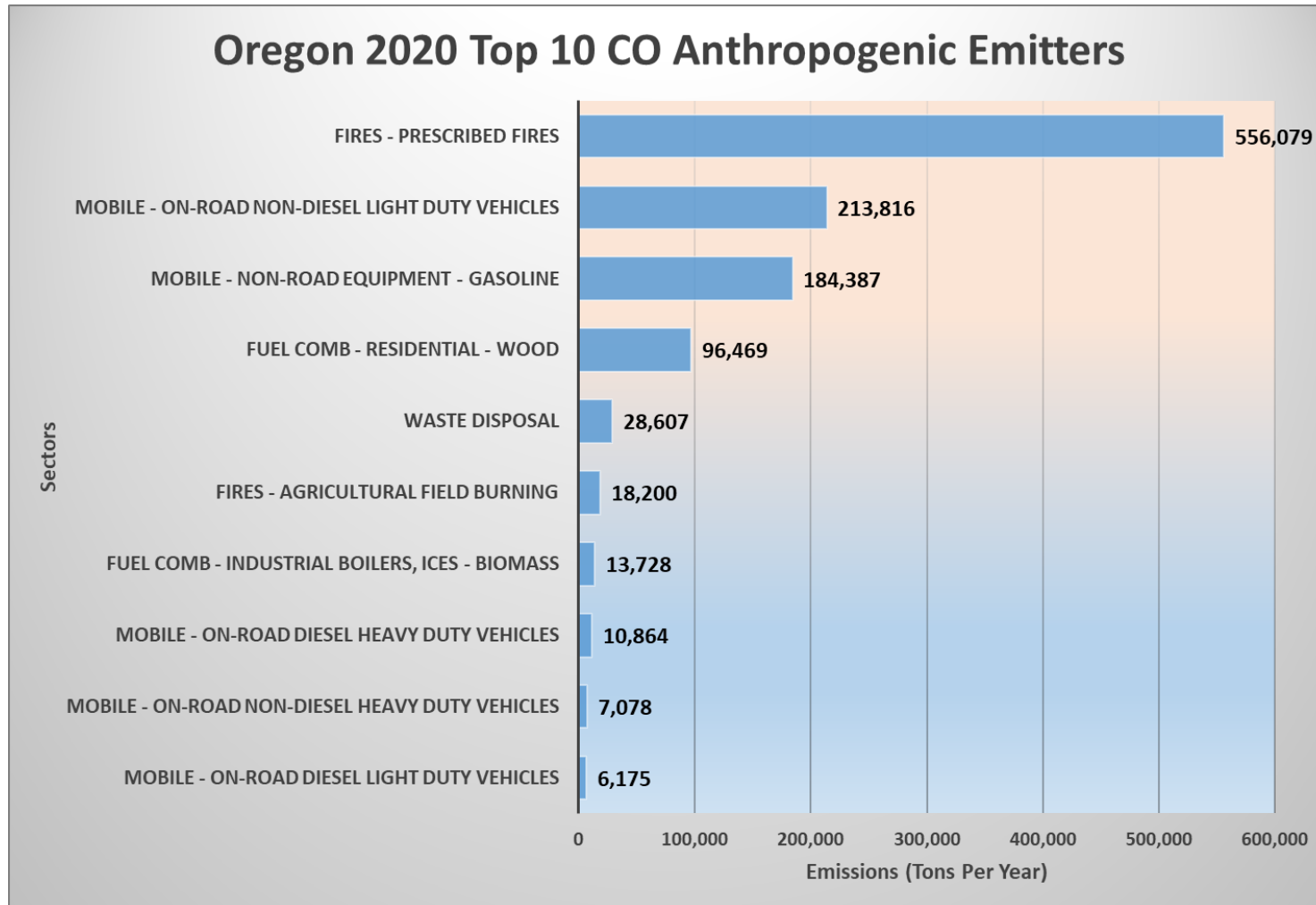
- **Anthropogenic:** emissions from man made processes or emissions from man made activities (for example emissions from a factory's smokestack or cows at a dairy)
- **Non-anthropogenic:** emissions from wildfires and biogenics (vegetation and soil)
- **Point Source:** emissions from larger, fixed sources. They are commercial, industrial, and institutional facilities that have individual air quality permits with Oregon DEQ. Examples are factories and power plants.
- **Nonpoint Source:** emissions from many small sources grouped together. For example: wood stoves, dry cleaners, gas stations, stationary engines and generators, and the use of chemicals (such as paints and cleaners).
- **Road:** emissions from onroad vehicles that burn fuel, includes light duty and heavy duty vehicles.
- **Nonroad:** emissions from off-road vehicles that burn fuel, includes construction equipment, lawn and garden equipment, locomotives, and commercial marine vessels.
- **Event:** emissions from wildfires and prescribed burns.

# Carbon Monoxide

Oregon 2020 CO Percent Emissions By Category

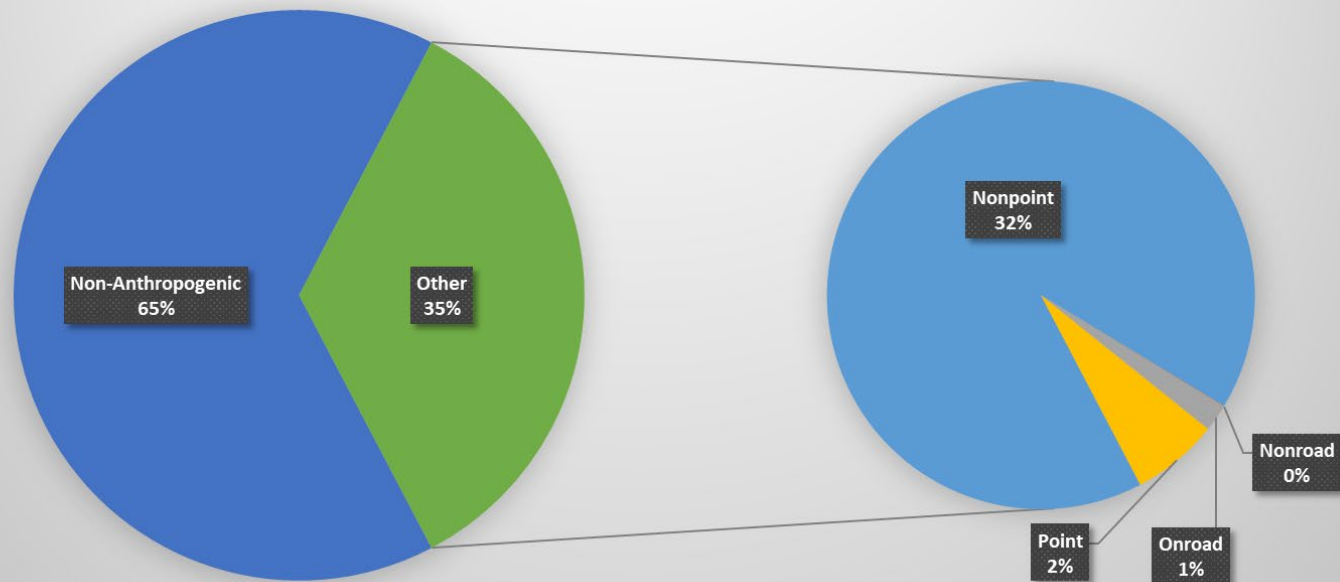


# Carbon Monoxide Anthropogenic

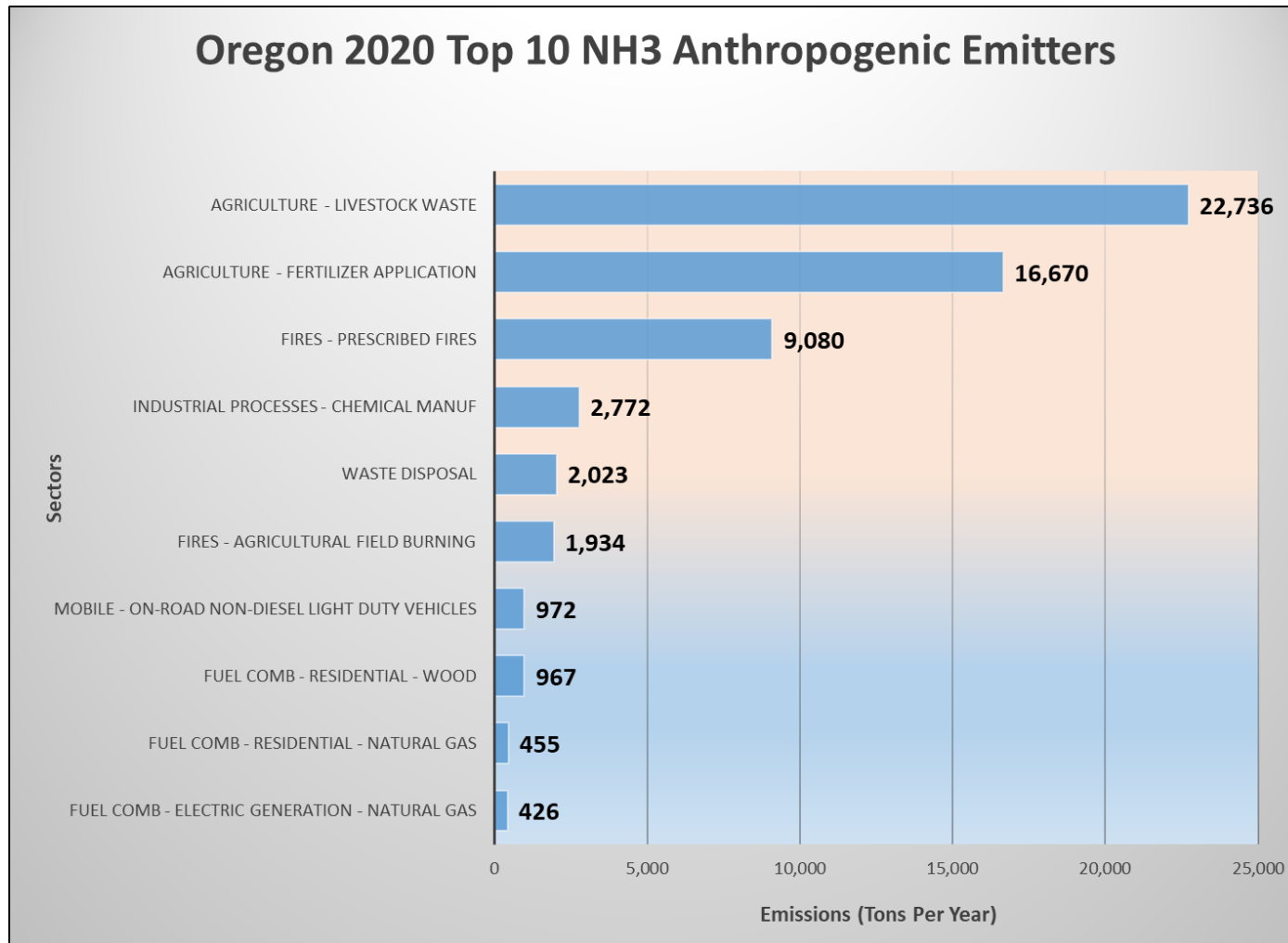


# Ammonia

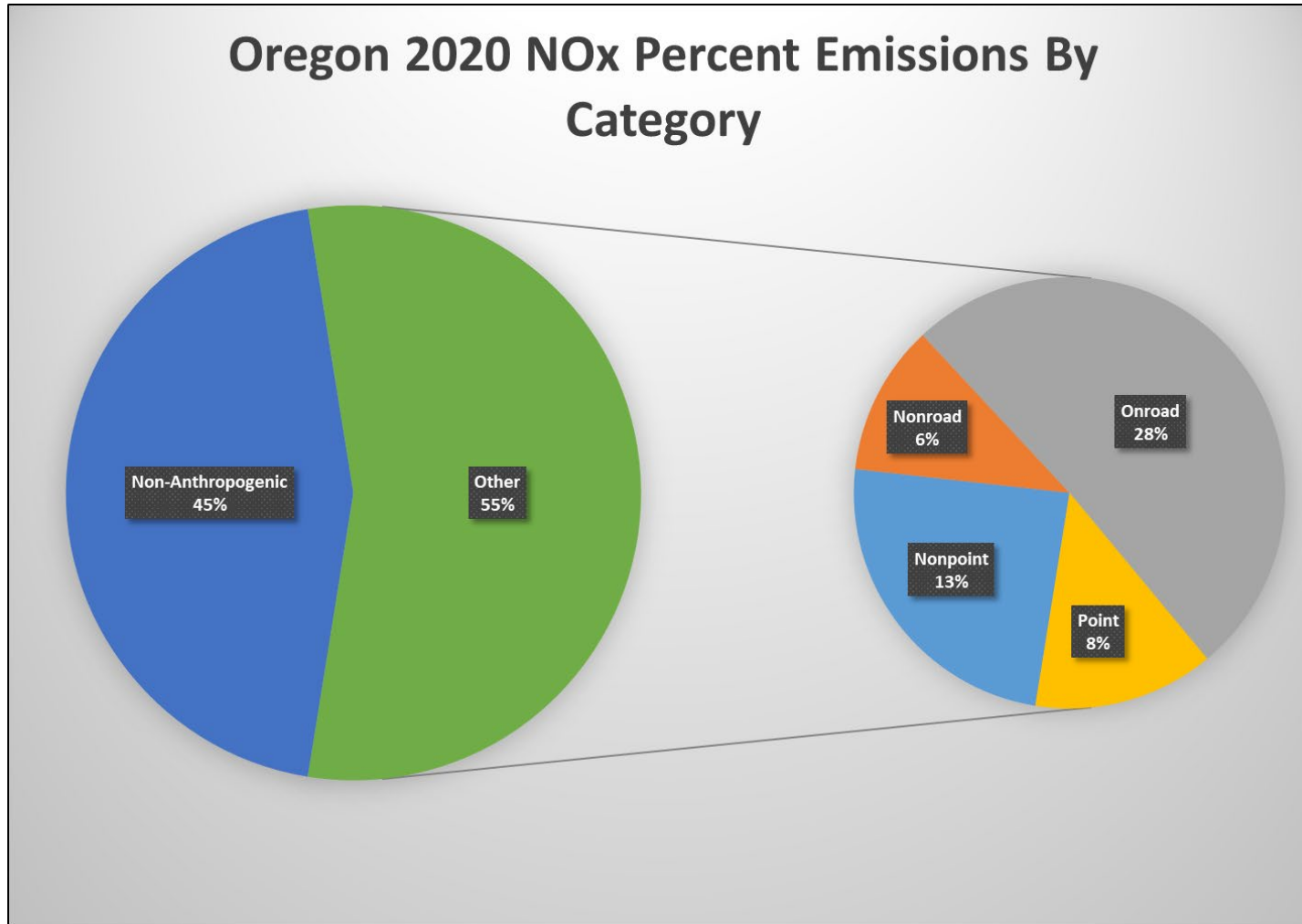
Oregon 2020 NH<sub>3</sub> Percent Emissions By Category



# Ammonia Anthropogenic

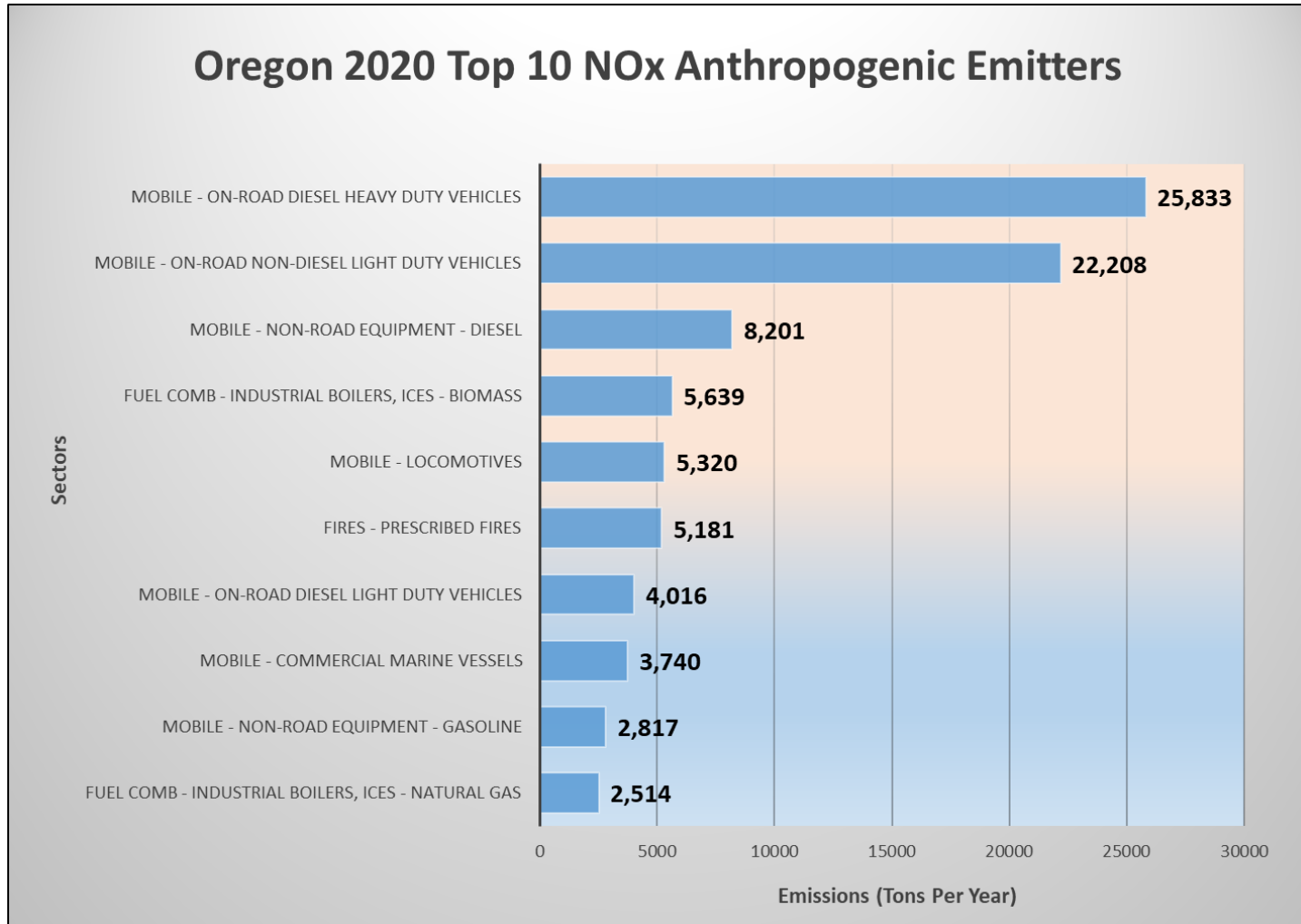


# Nitrogen Oxides



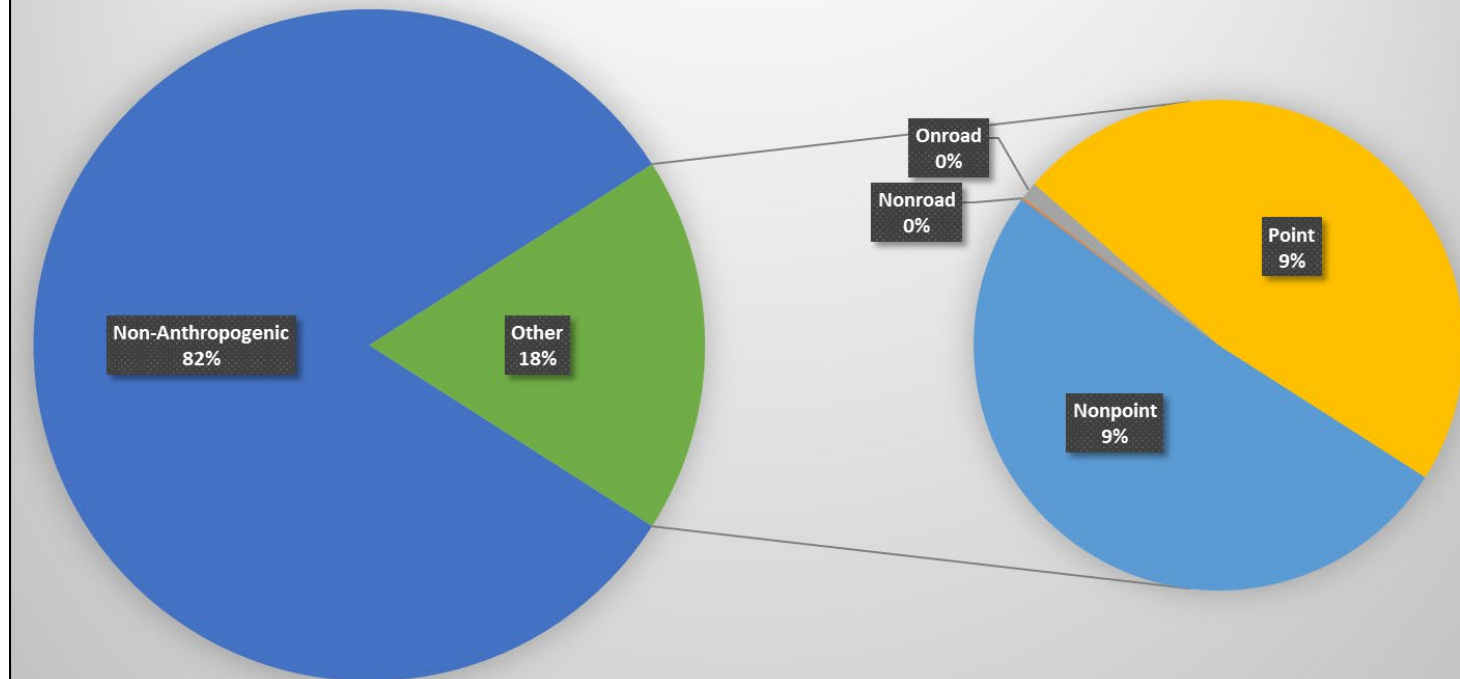


# Nitrogen Oxides Anthropogenic

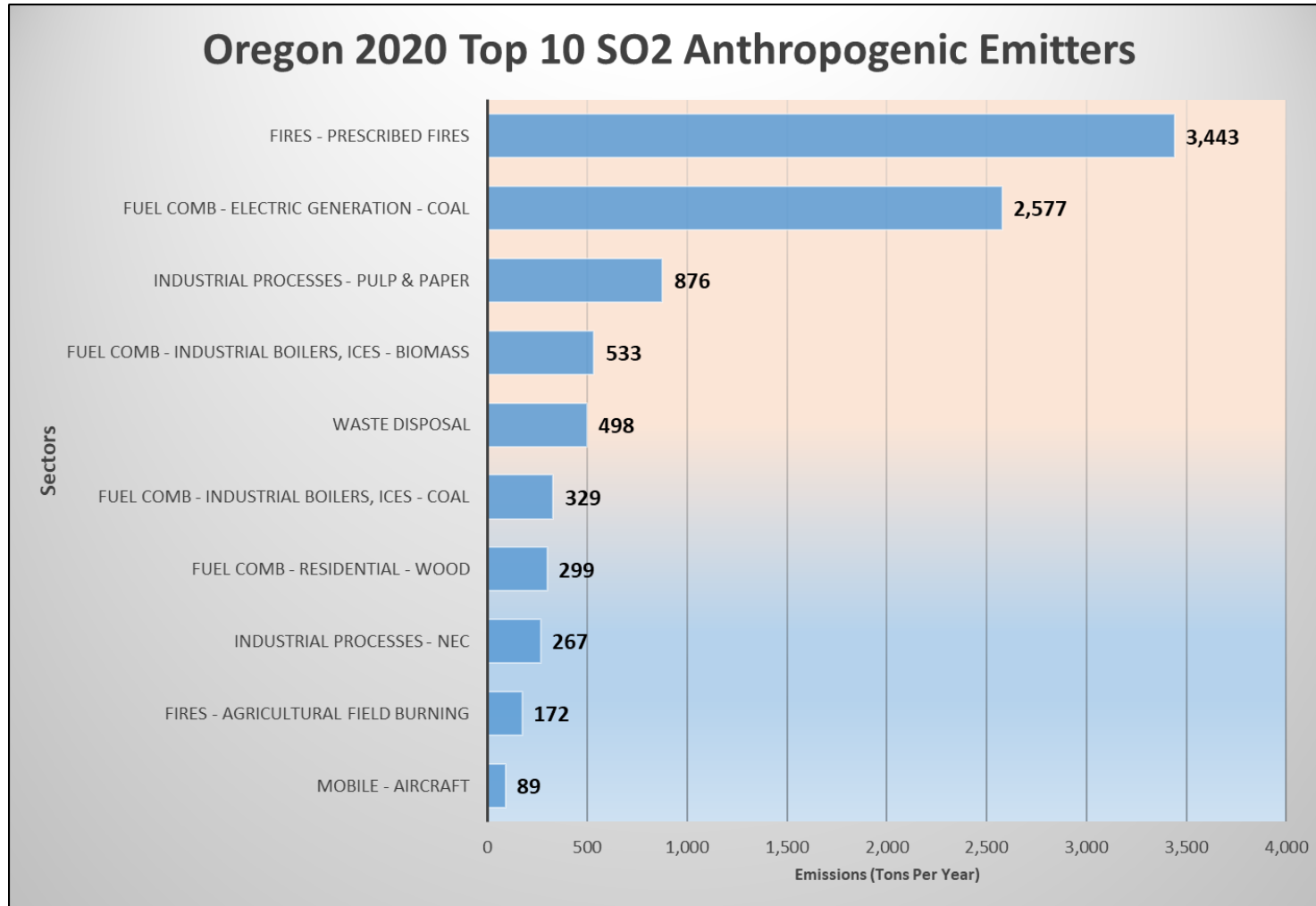


# Sulfur Dioxide

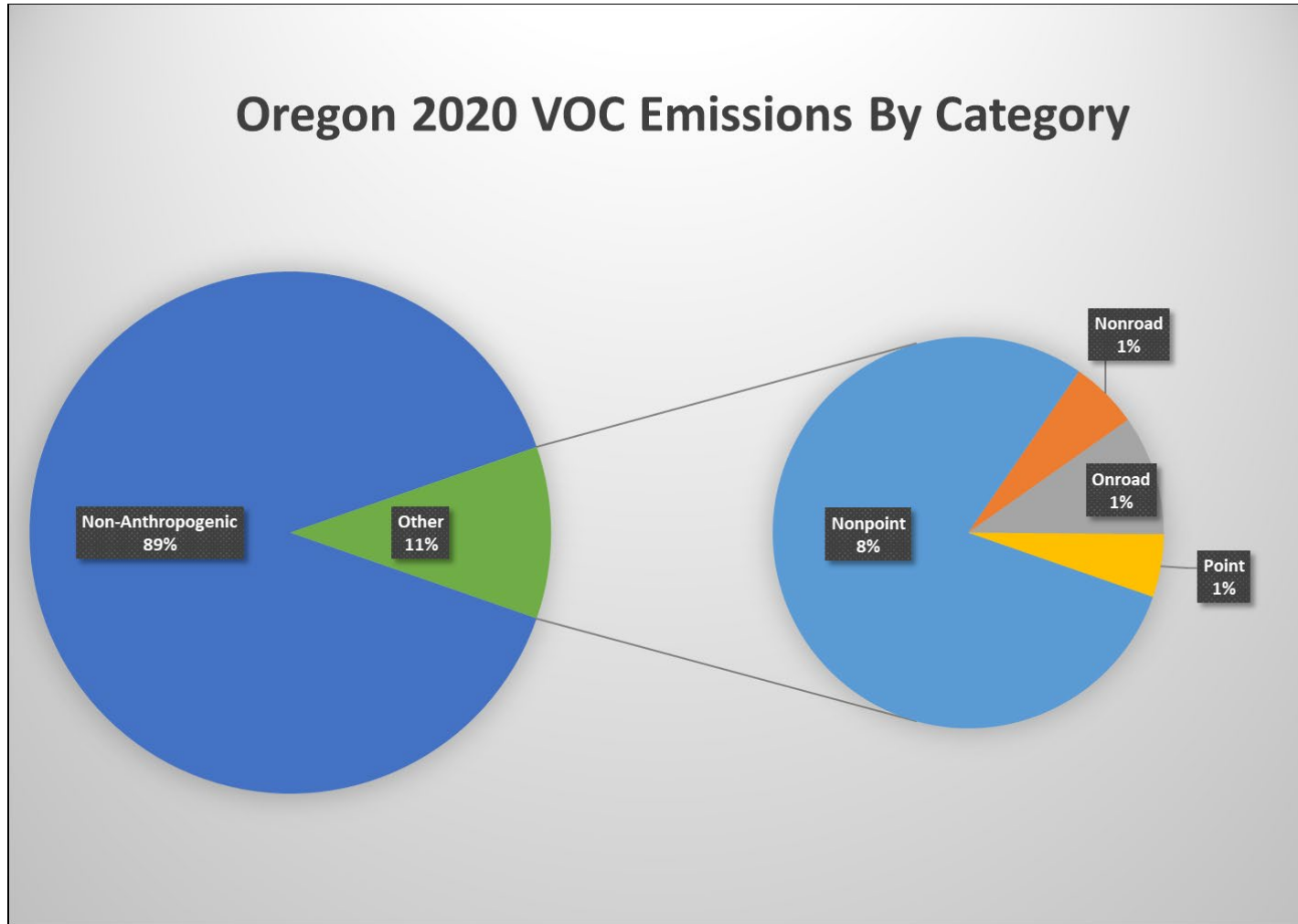
Oregon 2020 SO<sub>2</sub> Percent Emissions By Category



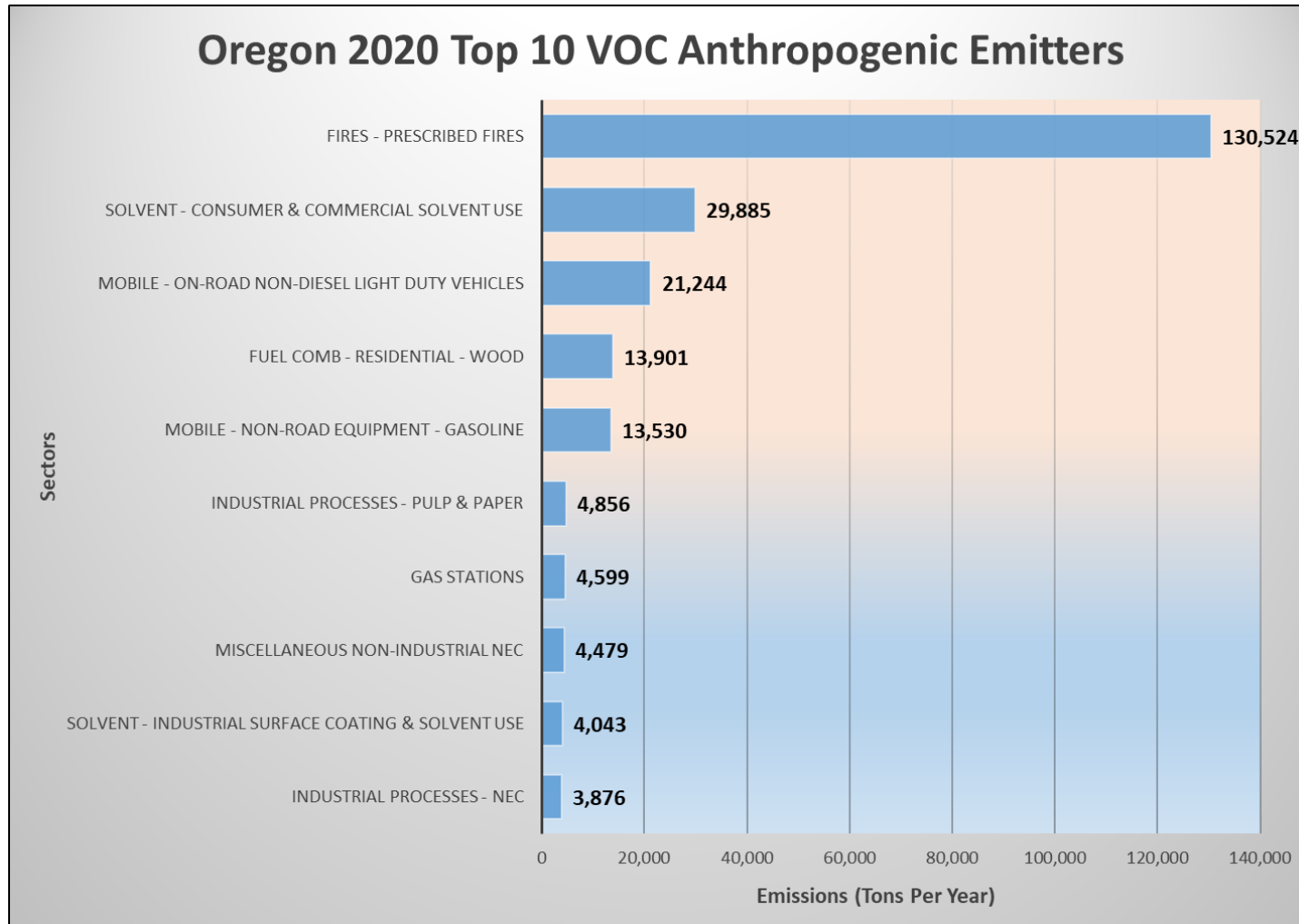
# Sulfur Dioxide Anthropogenic



# Volatile Organic Compounds

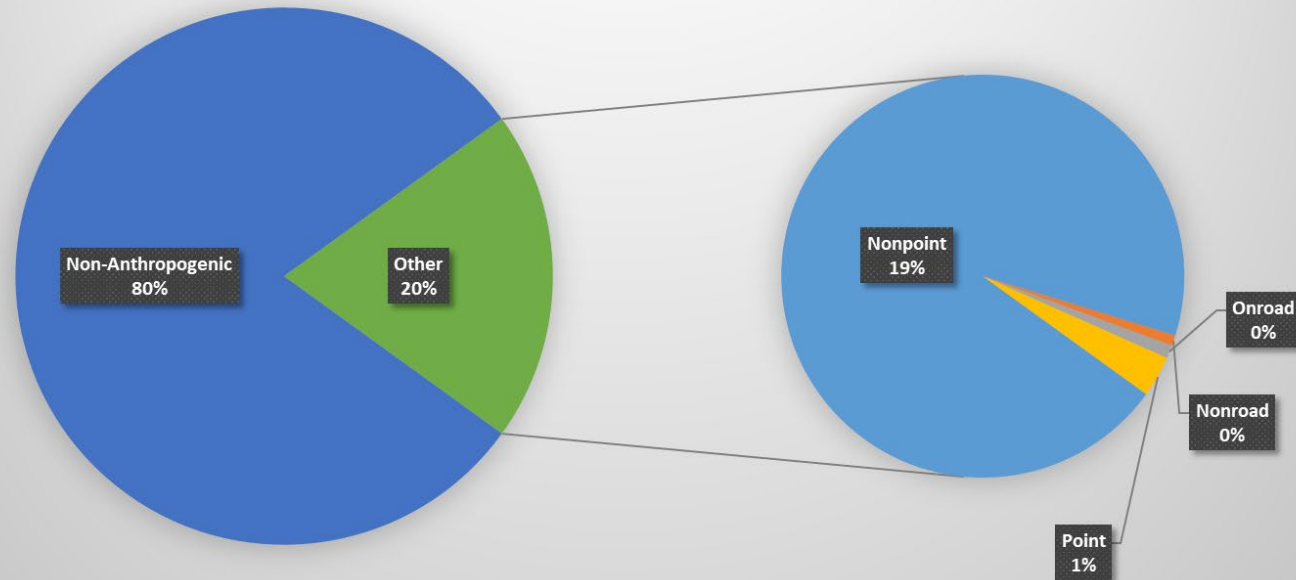


# Volatile Organic Compounds Anthropogenic

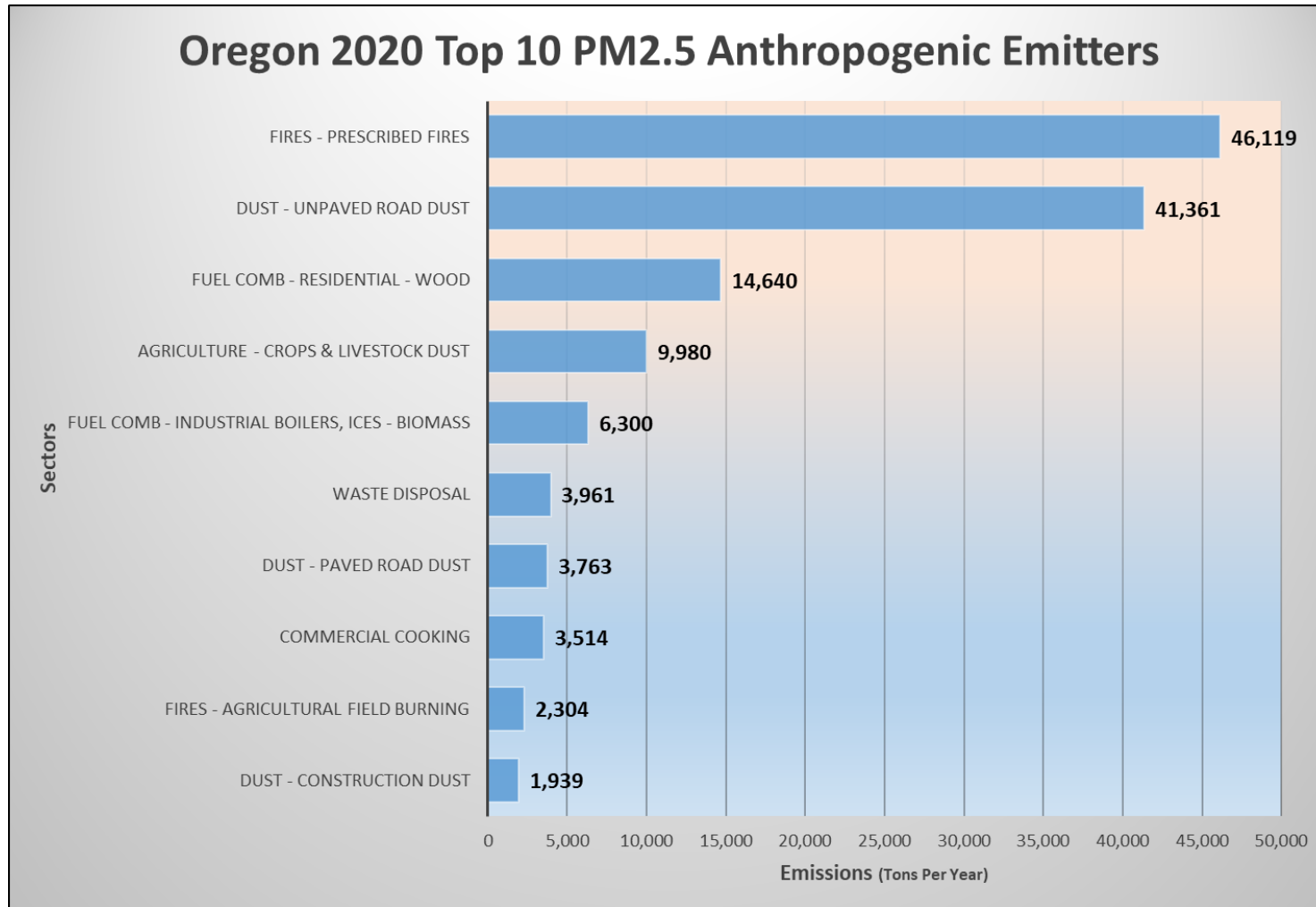


# Particulate Mater 2.5

Oregon 2020 PM2.5 Emissions By Category



# Particulate Mater 2.5 Anthropogenic



# Title VI and alternative formats

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