

Overview of Oregon's 2017 National Emissions Inventory

Emissions Inventory Group, Air Quality Technical Services

4/26/2023

Portland, Oregon

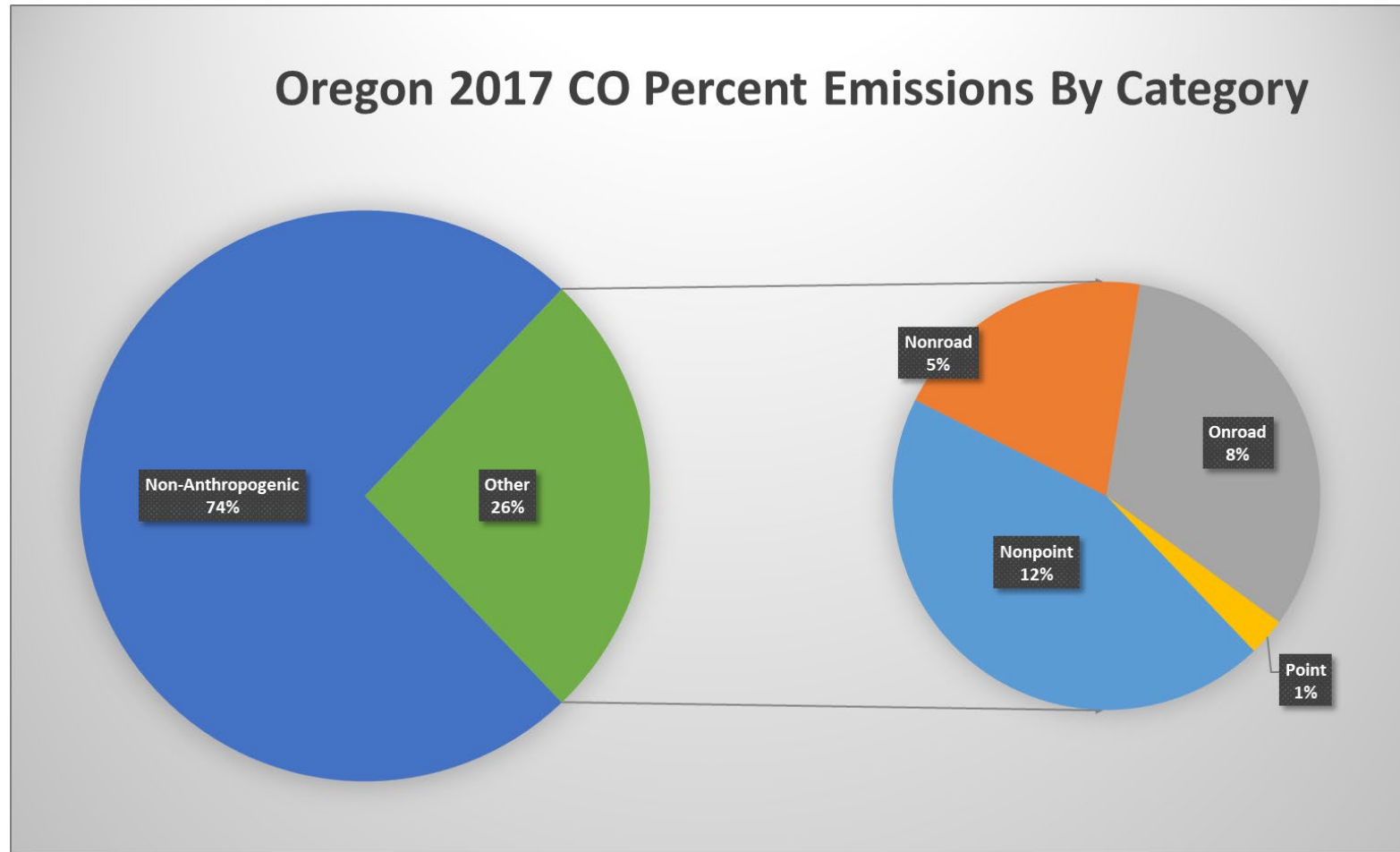
What is the National Emissions Inventory (NEI)?

- 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.

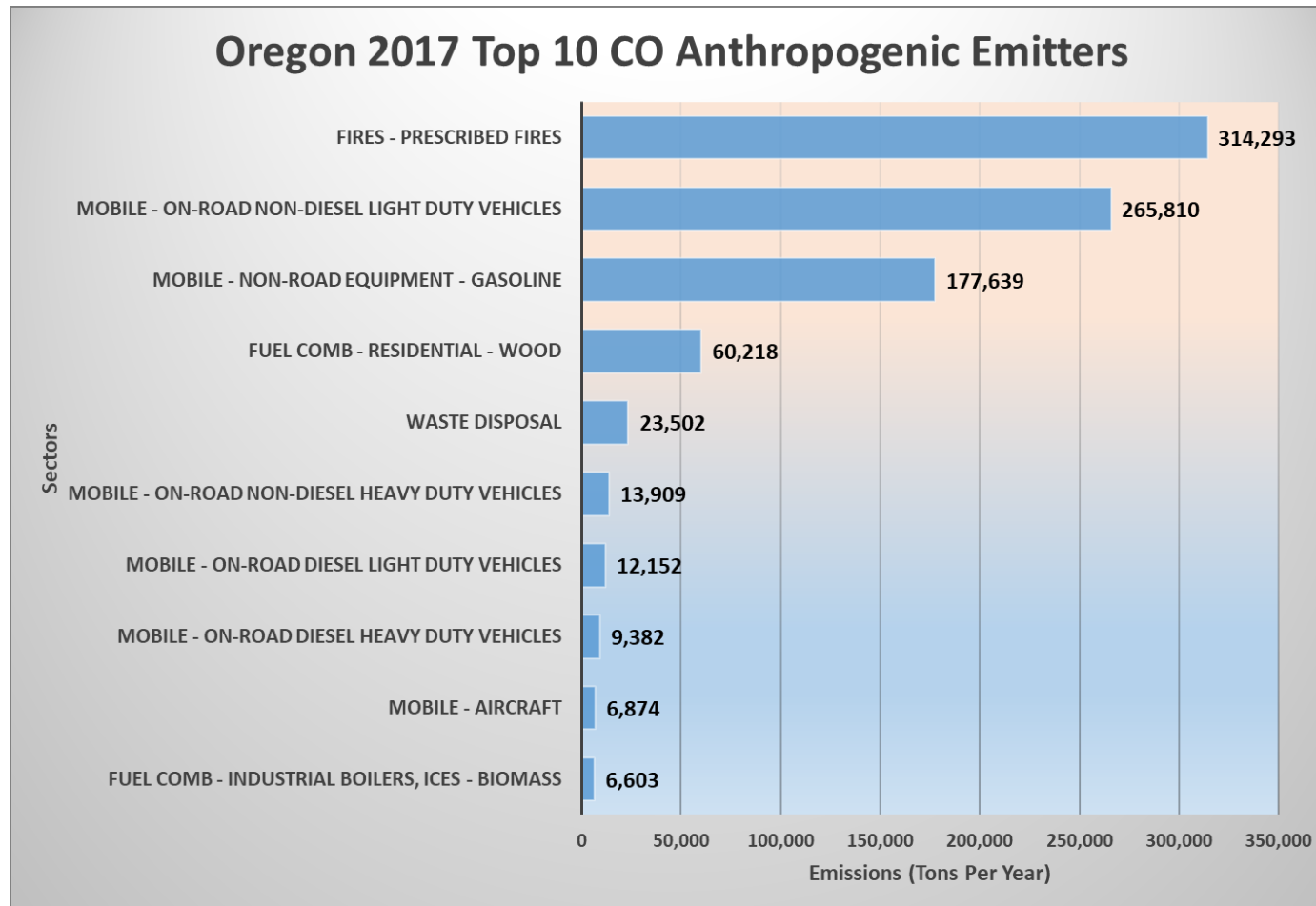
Nomenclature

- **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.

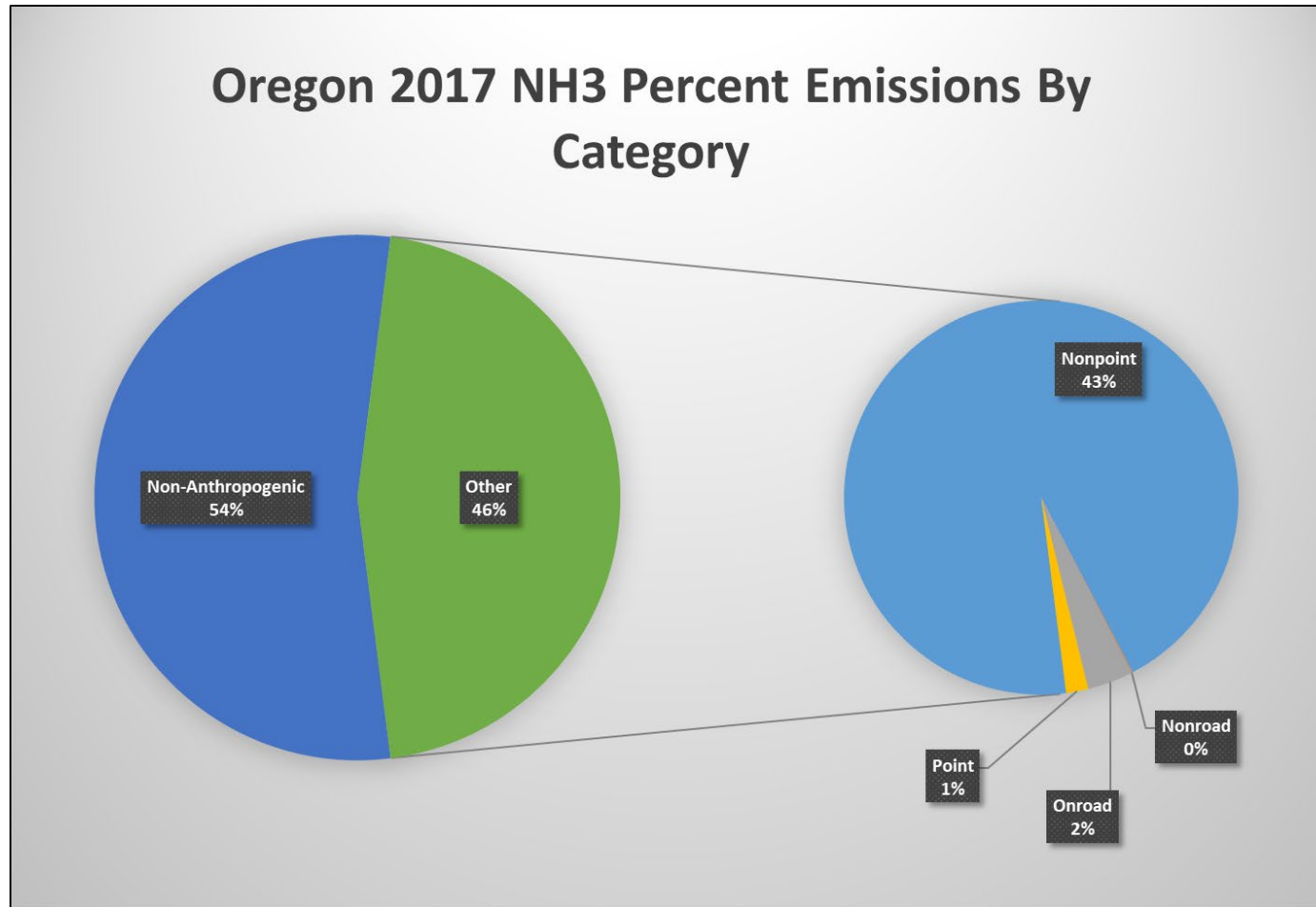
Carbon Monoxide



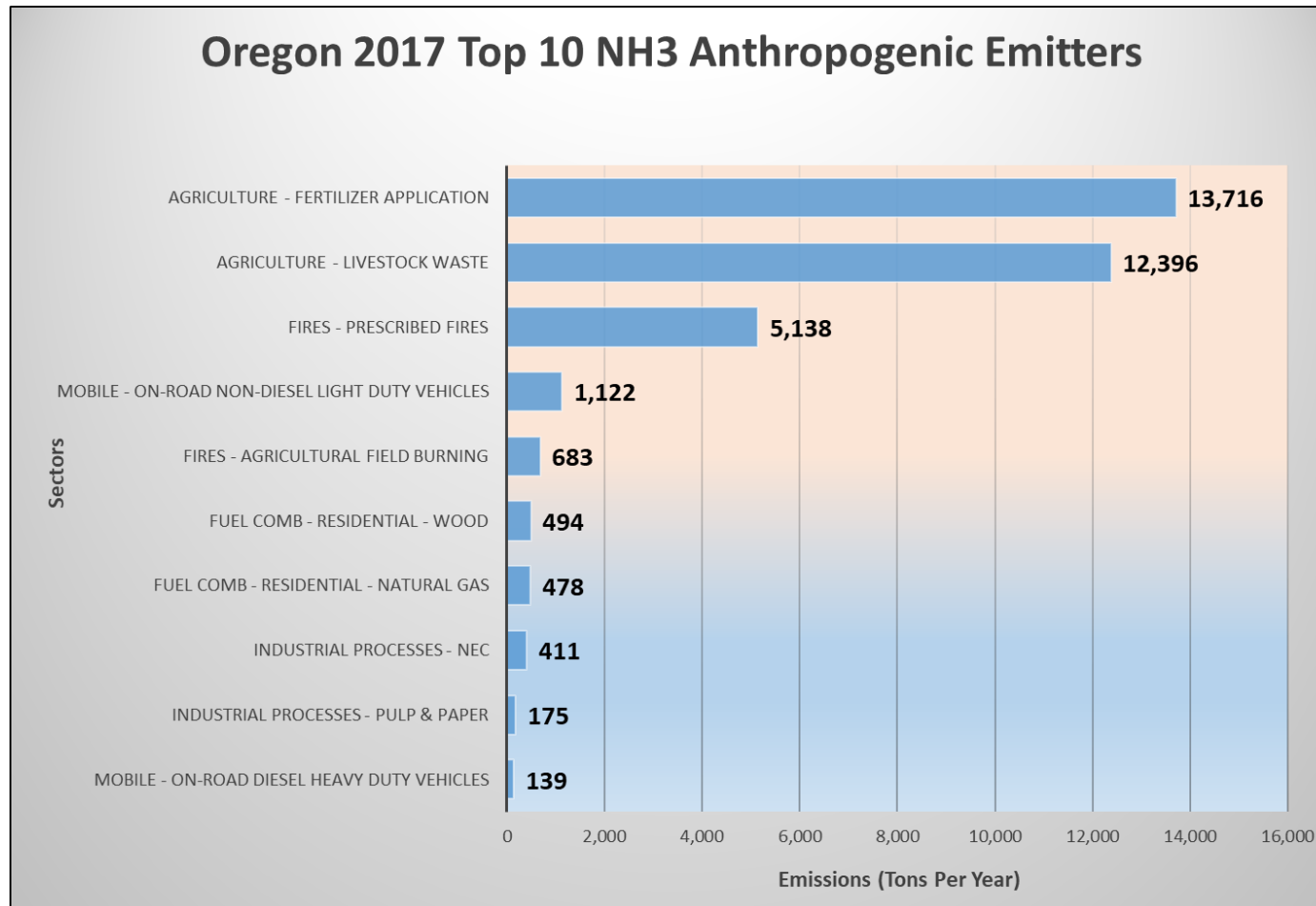
Carbon Monoxide Anthropogenic



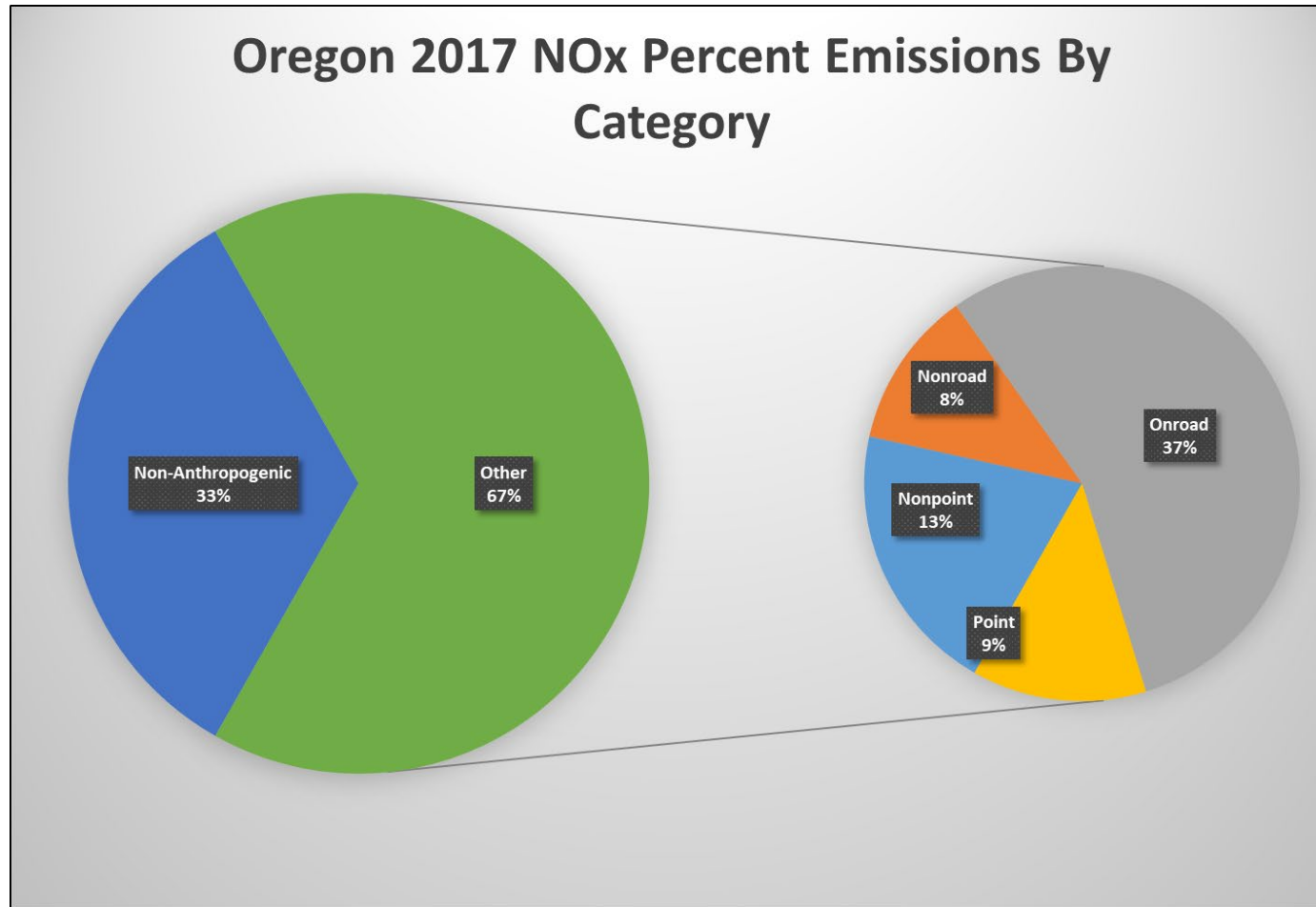
Ammonia



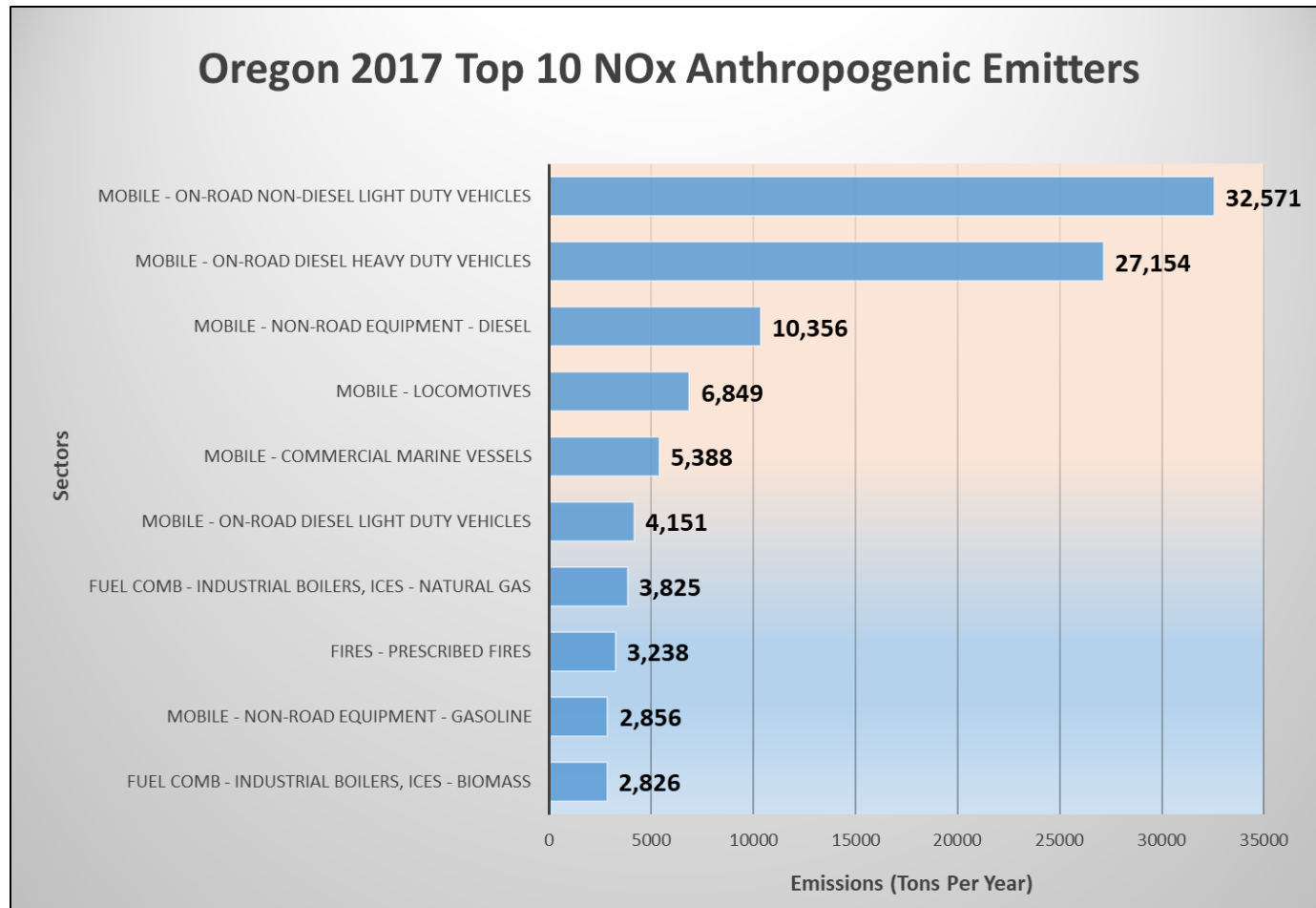
Ammonia Anthropogenic



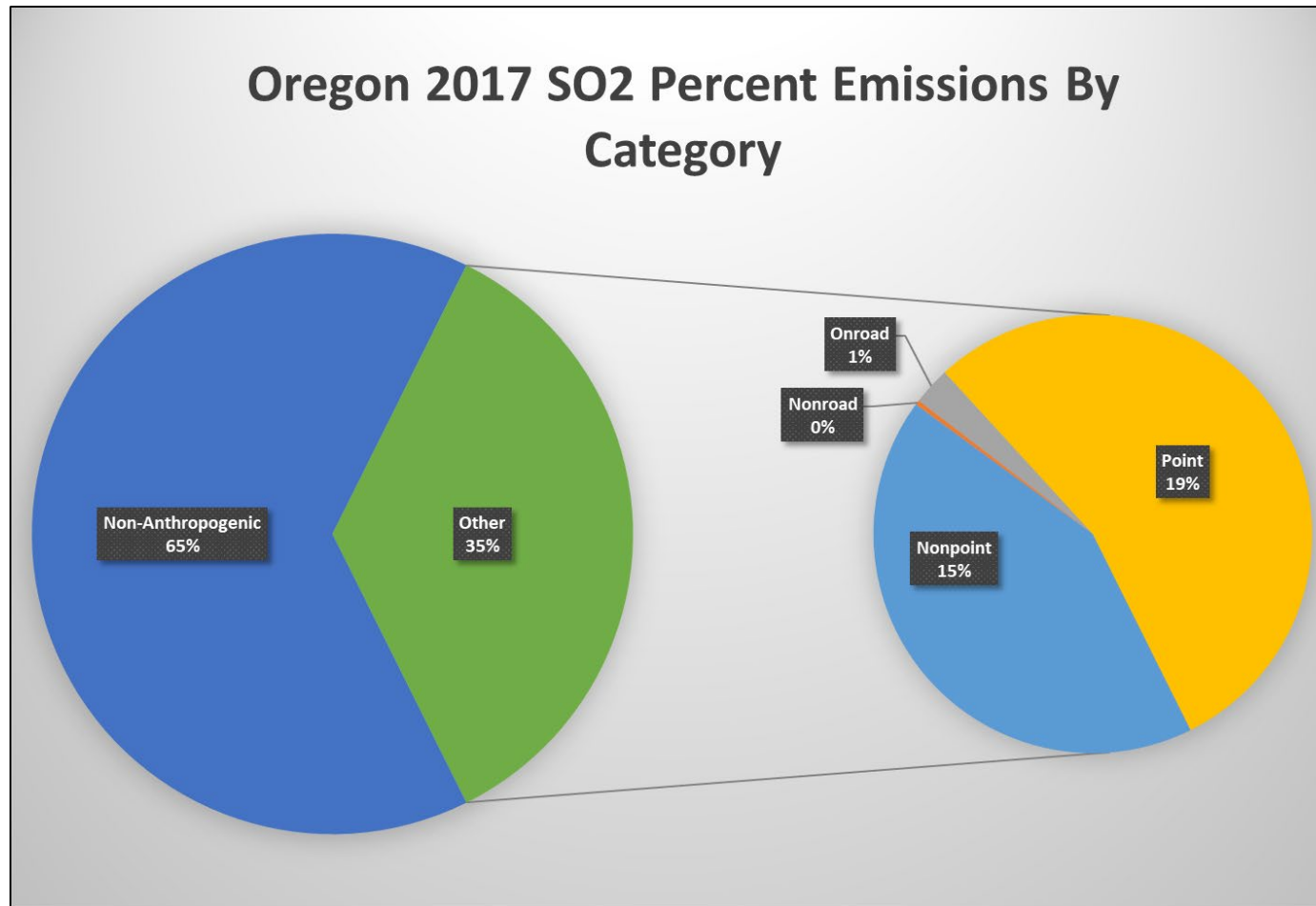
Nitrogen Oxides



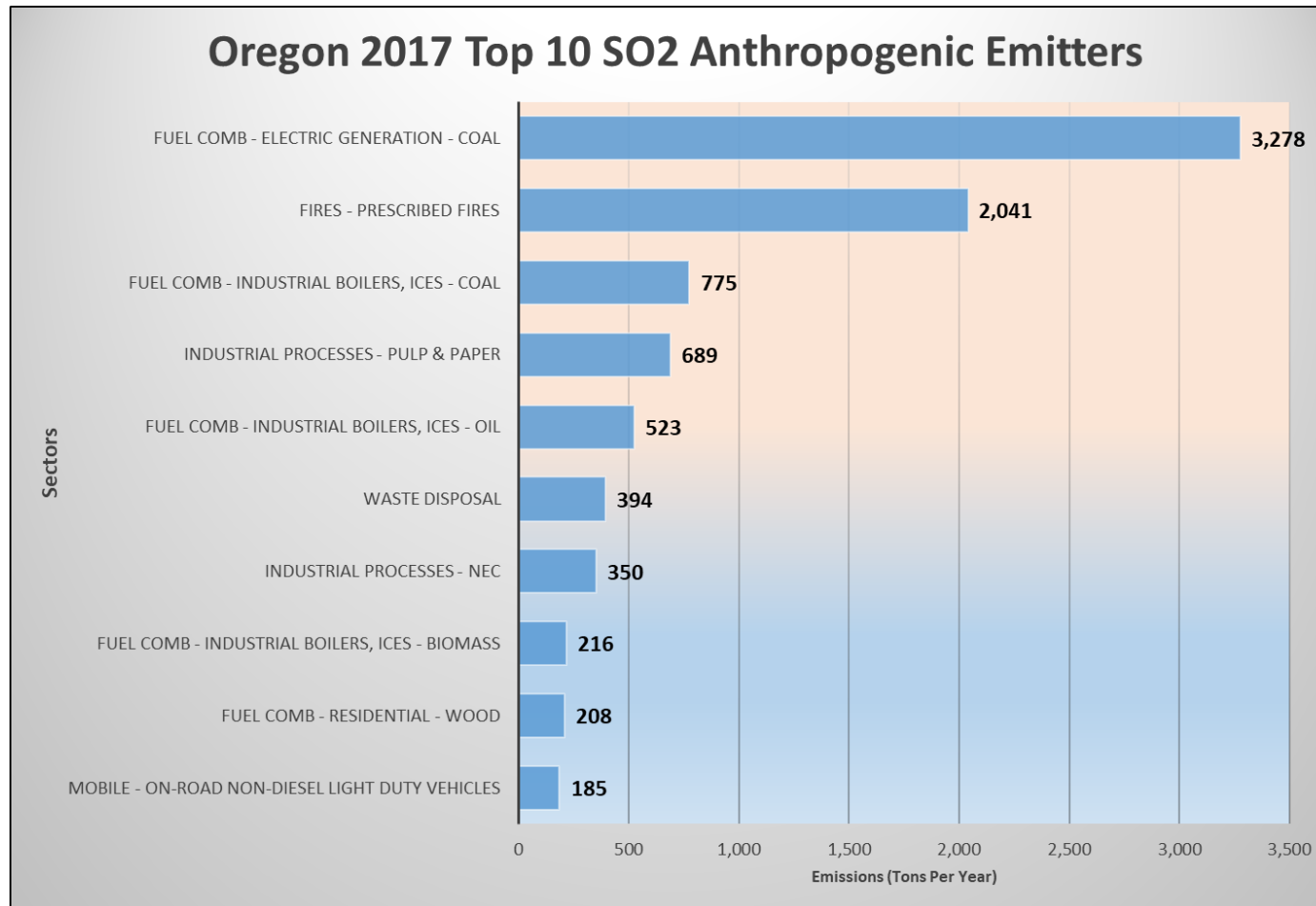
Nitrogen Oxides Anthropogenic



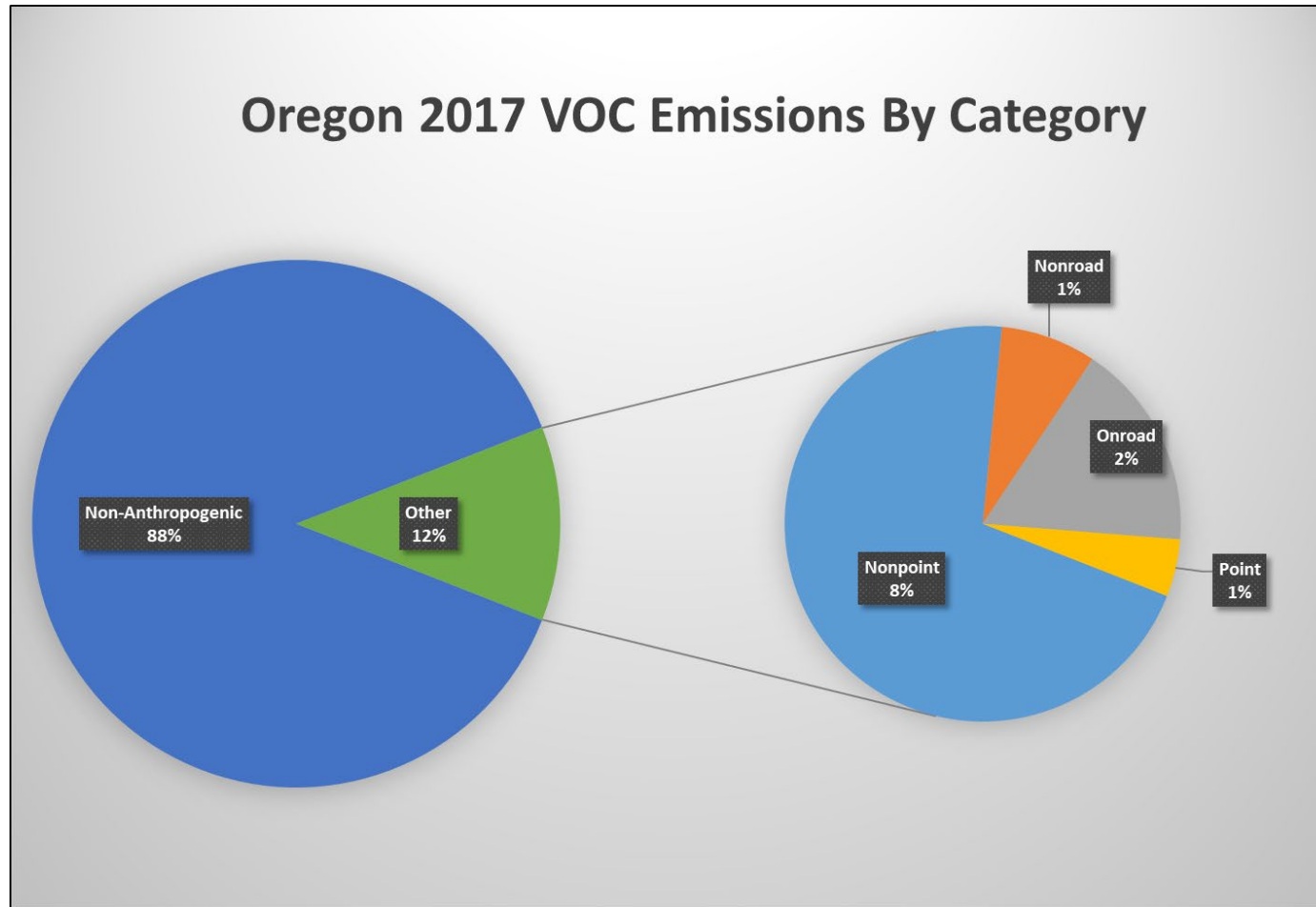
Sulfur Dioxide



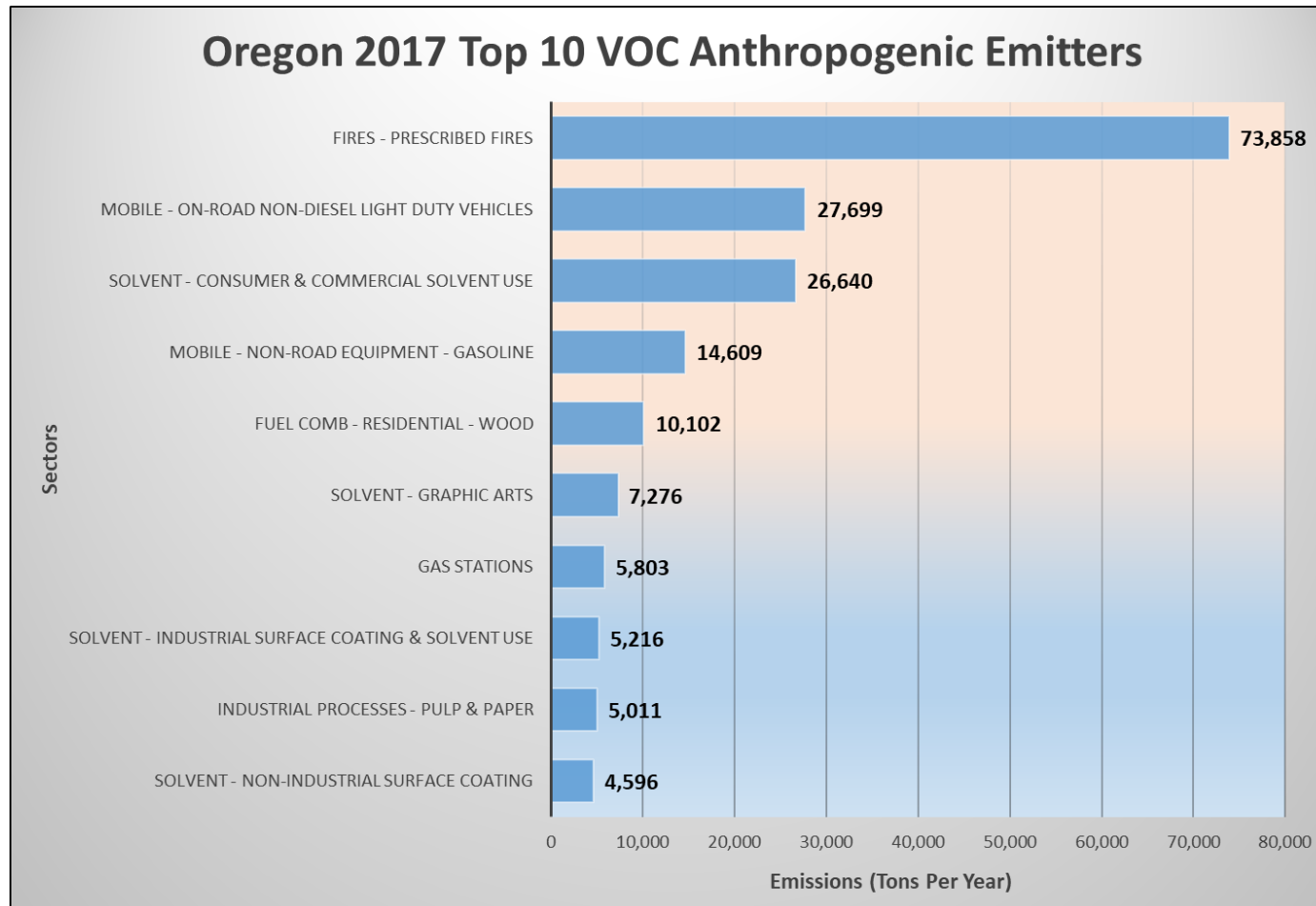
Sulfur Dioxide Anthropogenic



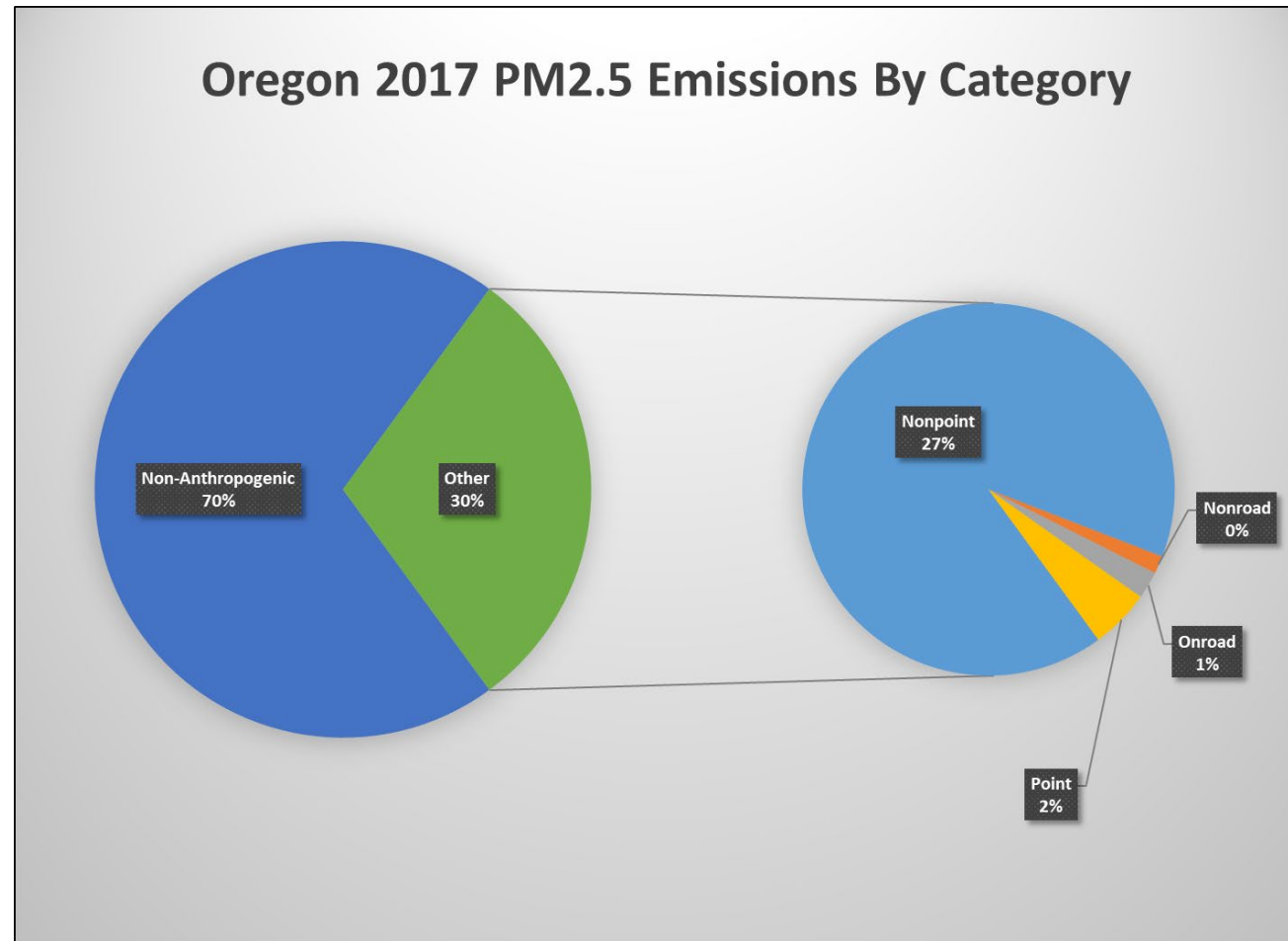
Volatile Organic Compounds



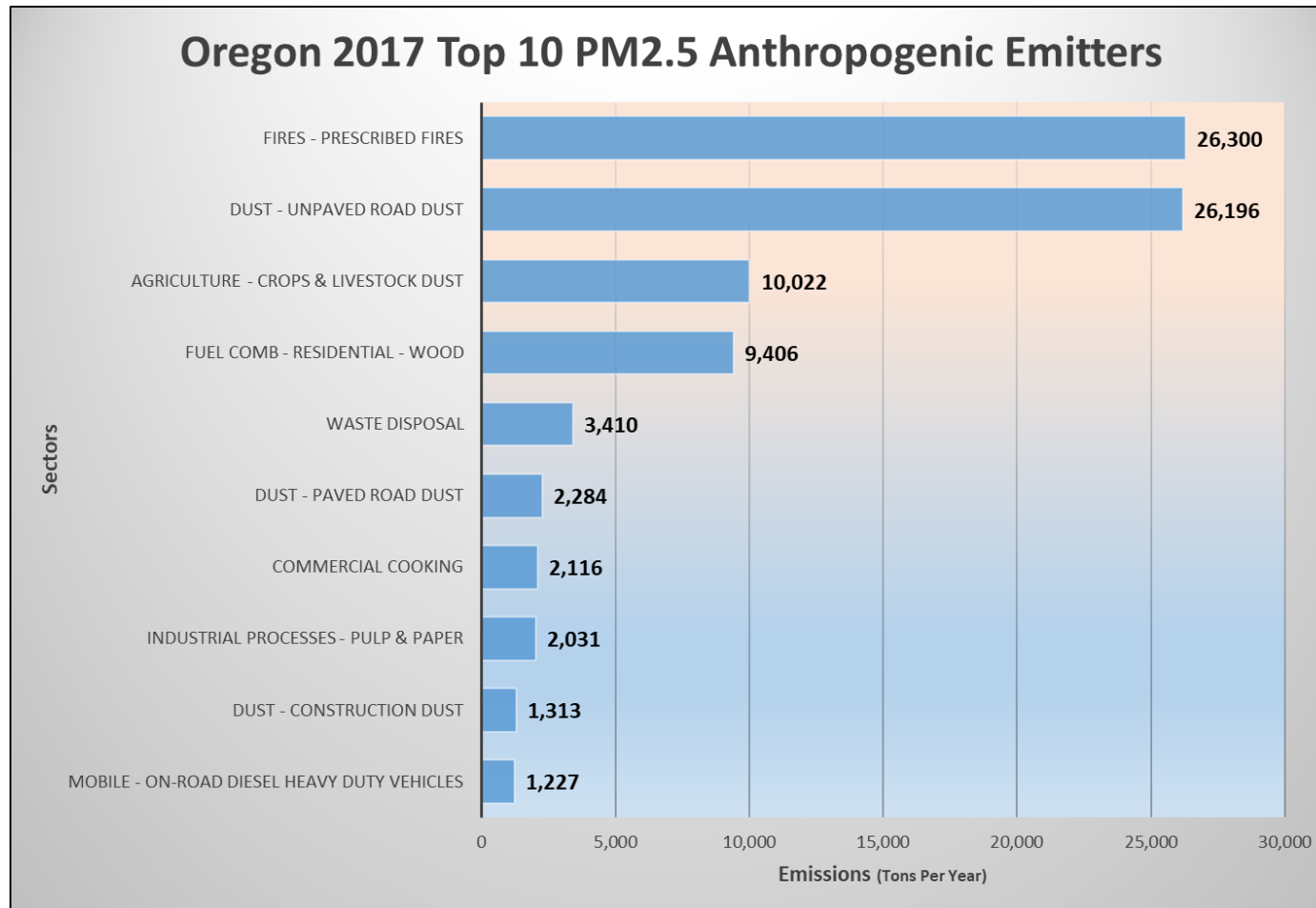
Volatile Organic Compounds Anthropogenic



Particulate Mater 2.5



Particulate Mater 2.5 Anthropogenic



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