Amendments to two Air District rules will support improvements to regional air quality and public health —

The rule changes will not apply to gas appliances used for cooking, such as gas stoves.

The amended rules will affect Bay Area households that use natural gas appliances — roughly 2/3 of all households currently — and will:

- Improve overall regional air quality from the outdoor venting of these appliances
- Prevent up to 85 premature deaths per year
- Lower PM$_{2.5}$ exposure, particularly in communities of color
- Avoid up to $890M per year in health impacts due to air pollution exposure:
  - About 60% of benefits can be achieved through elimination of NOx and secondary PM$_{2.5}$ emissions by switching to zero-NOx appliances.
  - About 40% of benefits can be achieved through additional elimination of primary PM$_{2.5}$ emissions by switching to fully zero-emission appliances.
  - Currently, the only zero-NOx appliances available are electric appliances.

**Health impacts from short- and long-term exposure**

**NOx**
- Coughing, wheezing, difficulty breathing
- Asthma
- Increased susceptibility to respiratory infections

**PM$_{2.5}$**
- Asthma and other respiratory conditions
- Neurological disease
- Heart attack
- Stroke
- Lung cancer
- Premature death

**Compliance Timeline**

The rule amendments will apply only to new appliances, and do not mandate retrofitting of existing appliances.

- **2027** – only zero NOx water heaters can be sold or installed in the Bay Area.
- **2029** – only zero NOx furnaces can be sold or installed in the Bay Area.
- **2031** – only zero NOx large commercial water heaters can be sold or installed in the Bay Area.

For more information: baaqmd.gov/building-appliances