

how

# SMOG

forms



*Cars and trucks are a major source of summertime air pollution*

*During the summer months, ozone pollution or smog can become a health hazard in the Bay Area. Spare the Air Alerts are called when air quality is forecast to be unhealthy. Residents can reduce air pollution build up by choosing clean commute options every day.*

## EARLY MORNING

Vehicle exhaust from the morning commute is the primary source of ozone-forming pollutants.

## MID-MORNING

As vehicle exhaust builds up, the sun's radiation causes a chemical reaction that begins to form ozone.

## AFTERNOON

As temperatures peak, and the sun's heat and light intensifies, ozone reaches its highest daily concentrations.

## EARLY EVENING

As the intensity of the sunlight decreases, ozone levels also decrease and dissipate.

*Air pollution builds up daily from cars and trucks on Bay Area roads. On hot days, that pollution reacts with sunlight to create ozone, also known as smog.*



It's your air. Protect it.

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