

# HEALTH RISK REDUCTION PROCESS



The Air District regularly screens all facilities to see if they emit toxic air pollution above levels that could lead to increased cancer risks or other health impacts. When a facility does pollute above a certain level, the Air District conducts a Health Risk Assessment (HRA) for the facility. If health impacts exceed an action level, the facility must create and implement a Risk Reduction Plan (RRP) to reduce health impacts.

The Air District conducts HRAs to estimate the health impacts of a facility's toxic emissions on people living, working, or attending school nearby using data about the facility's emissions to estimate three health impacts: cancer risk, other long-term chronic health impacts and short-term acute health impacts. If a health impact exceeds a risk action level threshold set by Rule 11-18, a facility is required to implement an RRP. The Plan must show how the facility will reduce the health impacts below the Rule 11-18 risk action levels or demonstrate that they are using the best available technology to reduce emissions. Forty-five-day comment periods for both the HRA and RRP allow for public review prior to Air District approval.

