**OEHHA Guideline Changes**

**Goal: Improve Protection of Children’s Health**

Major Changes:

* Age Sensitivity Factors
  + Ages 0-2: 10X
  + Ages 2-16: 3X
  + Ages 16+: 1X
* Age-Specific Exposure Variable
  + Age Groups

3rd trimester – birth birth < 2 years 2 < 9 years

2 < 16 years 16 < 30 years 16 < 70 years

* + Derived Approach for Multi-Pathway Pollutants
  + 95/80 Breathing Rate Policy for Inhalation Only Pollutants
* Fraction of Time at Home
  + Default: 0.73 – 1.0
  + Refined: 0.73 – 0.85
* Exposure Duration
  + Resident: Reduced from 70 years to 30 years
  + Worker: Reduced from 40 years to 25 years
* Spatial Averaging of Exposure Concentrations
  + Use a 400 m2 grid with 5 meter intervals

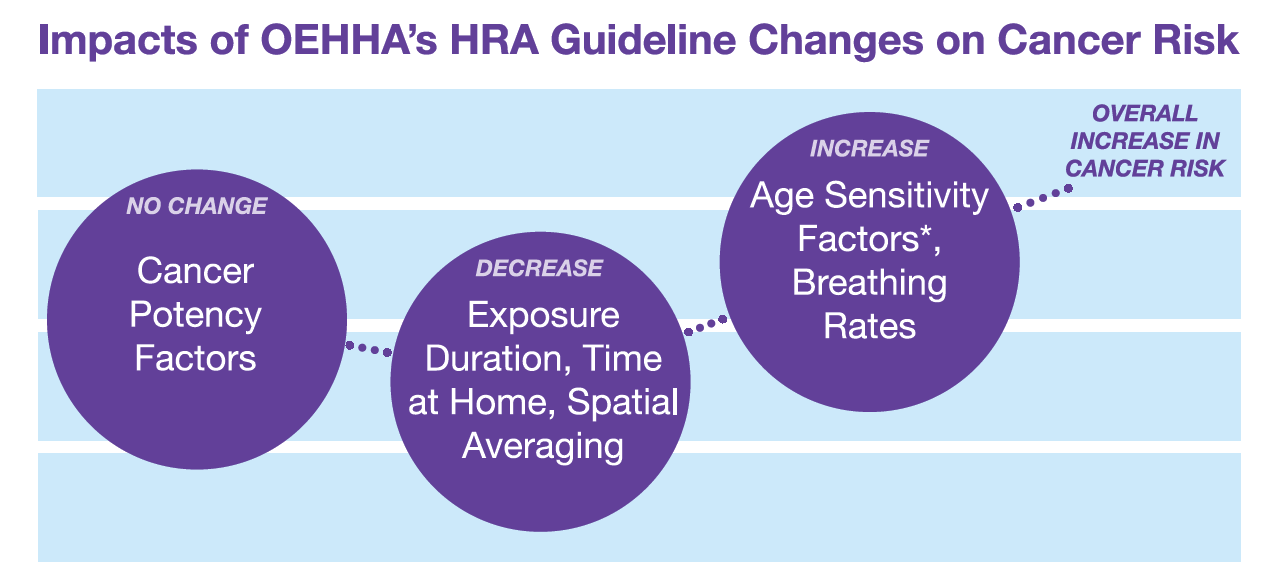
Impacts Compared to Current District Procedures:

* Residential Cancer Risk
  + 40% Increase for Inhalation Only Pollutants
  + 90% - 5X Increase for Multi-Pathway Pollutants
* Worker Cancer Risk
  + Essentially No Change
* Non-Cancer Impacts
  + New TAC: caprolactam
  + REL Changes / 8-hour RELs

benzene, 1,3 butadiene, nickel, selenium

acetaldehyde, acrolein, arsenic, formaldehyde, manganese, mercury

(The following applies to residential cancer risk)



**District Implementation of OEHHA Guideline Changes**

* Revisions to Regulation 2, Rule 5: New Source Review of Toxic Air Contaminants (TACs)
  + Proposed Revisions
    - Update District HRA Guidelines
    - Revise Trigger Levels
    - Add Exemption for Small Engines (< 50 bhp)
    - Revise Calculation Procedure for Certain Modified Sources
  + Open Houses Held in February
  + Board Hearing Scheduled for September 21, 2016
* New Policy or Rule for Existing Facilities
  + Concept Stage
    - Apply to Sites with Cancer Risk > 10.0 in a million
    - Require TBACT for All Significant Sources
    - No Specific Risk Caps / Retain Current Thresholds
  + Workshops in 2017