

Draft ARB Health Risk Assessment of the BNSF Richmond Railyard



July 11, 2007

California Environmental Protection Agency

 **Air Resources Board**

Purpose of tonight's meeting

- **Collection of your comments on the draft health risk assessments**
- **Consultation to obtain your ideas on future emission reduction actions**

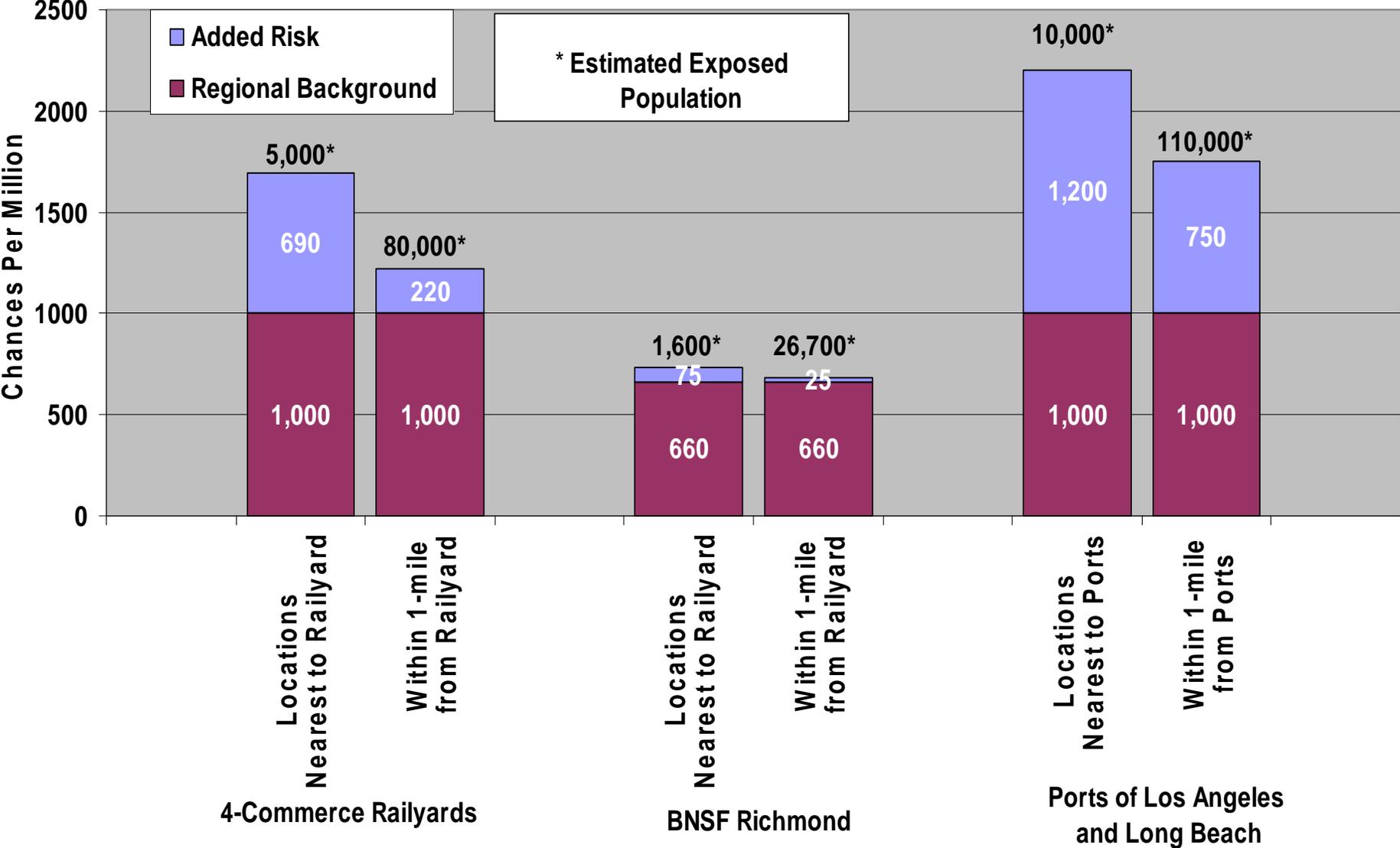


Background

- **This effort is part of our commitment to address pollution impacts on communities**
 - Implements the ARB Goods Movement Plan
 - Required by the ARB/UP/BNSF Railroad Agreement
- **The State's goals are to:**
 - Reduce exposure to diesel PM as quickly as possible
 - Reduce risks by at least 85 percent by 2020
 - Obtain the emission reductions needed to attain air quality standards



BNSF Richmond Railyard Estimated Potential Cancer Risks



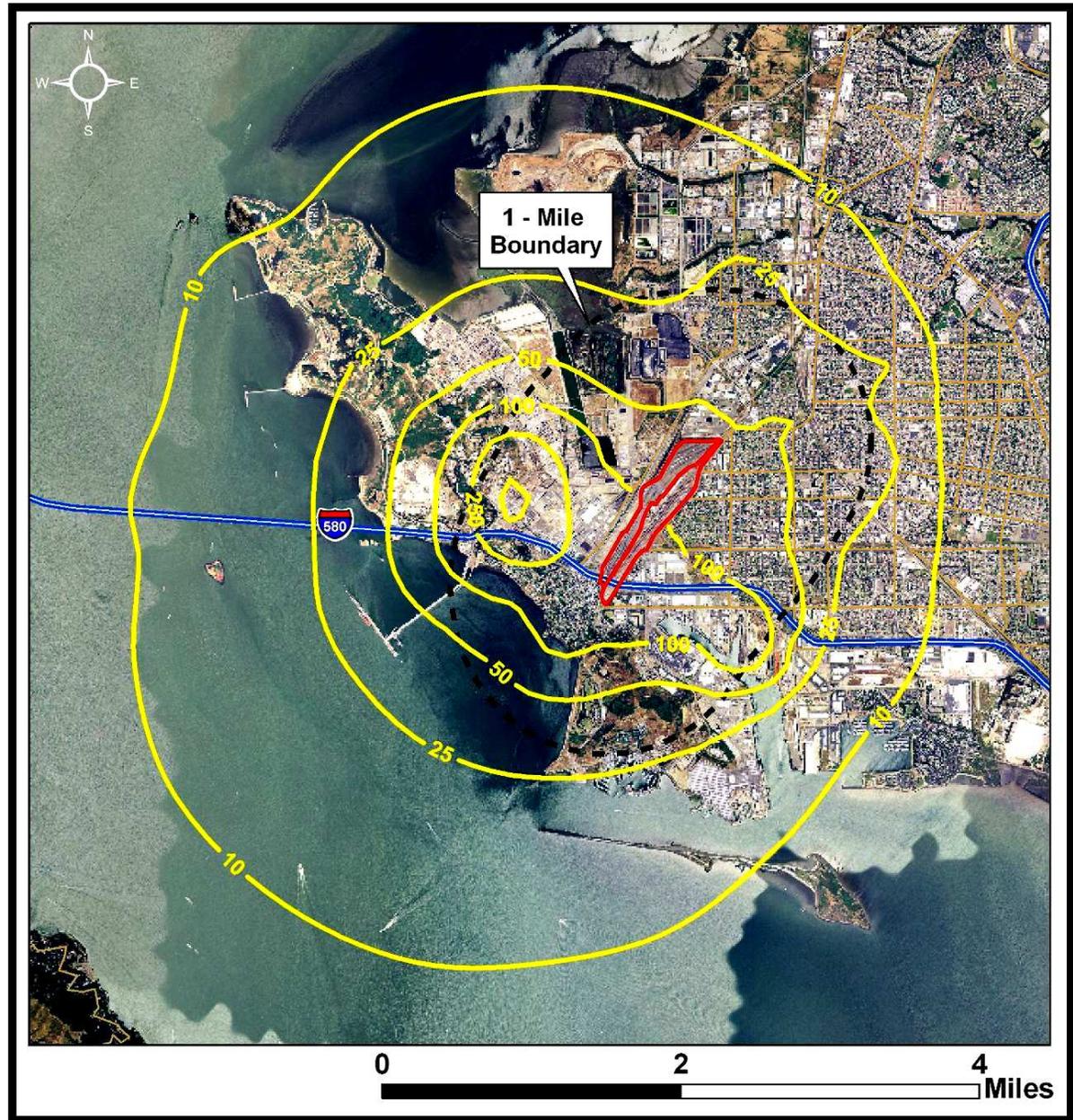
Findings:

Location of
Potential
Cancer Risks
due to
Railyard
Diesel PM
Emissions



Findings:

**Location of
Potential
Cancer Risks
due to
non-Railyard
Diesel PM
Emissions**



Next Steps

- **Evaluate comments and complete the HRAs**
- **Evaluate feasible mitigation measures to reduce health risks**



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- <http://www.arb.ca.gov/railyard/hra/hra.htm>