

# First Tier of Implementation

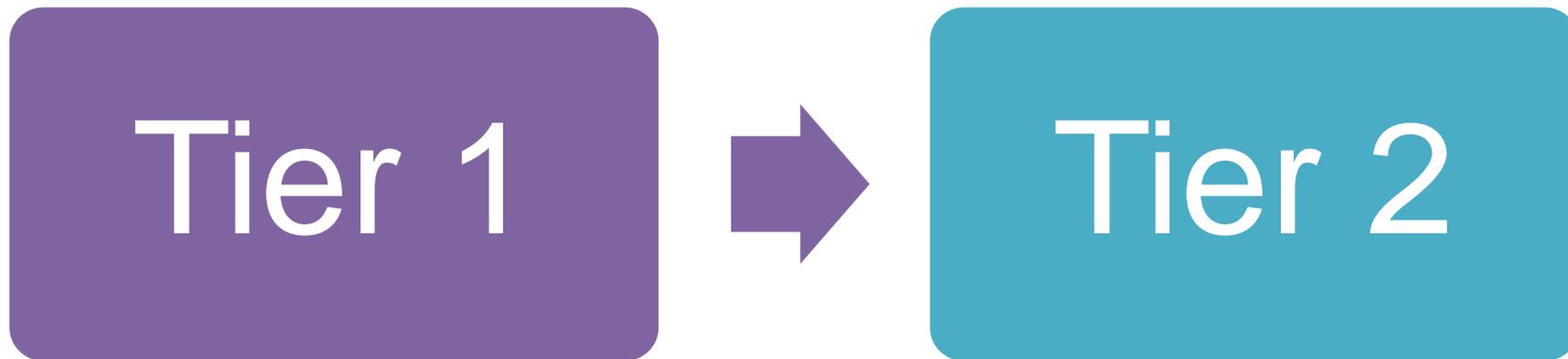
July 28, 2017

Advisory Committee Meeting

# Tiering Implementation

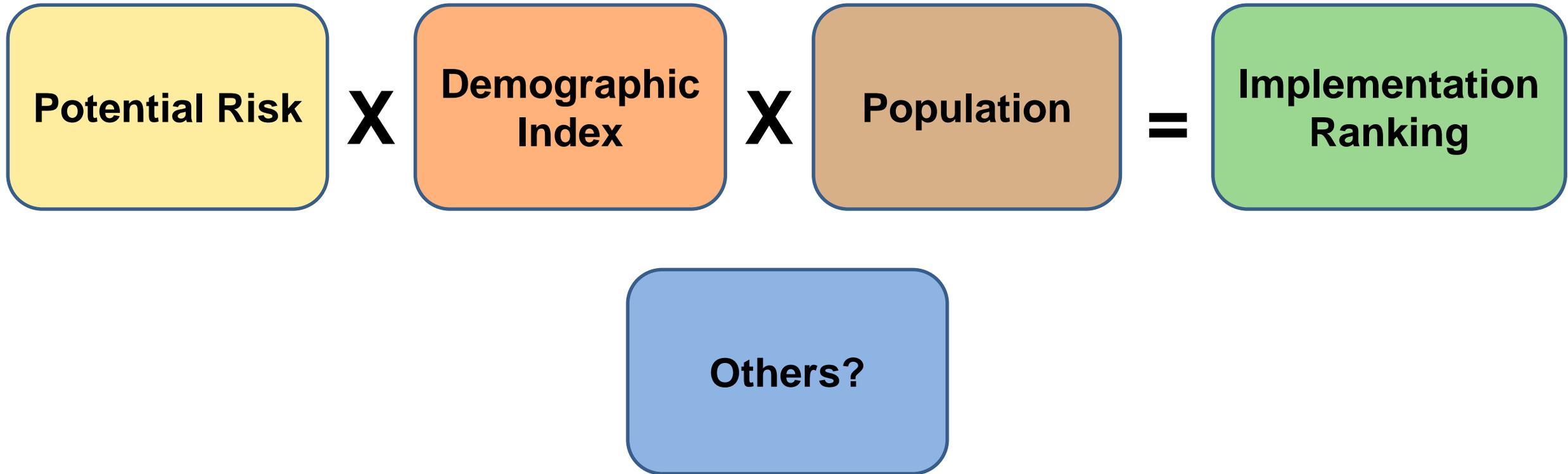
## Two Tiers:

- Tier 1 to take ~5 years
- Report to EQC every year
- Tier 2 starts after Tier 1

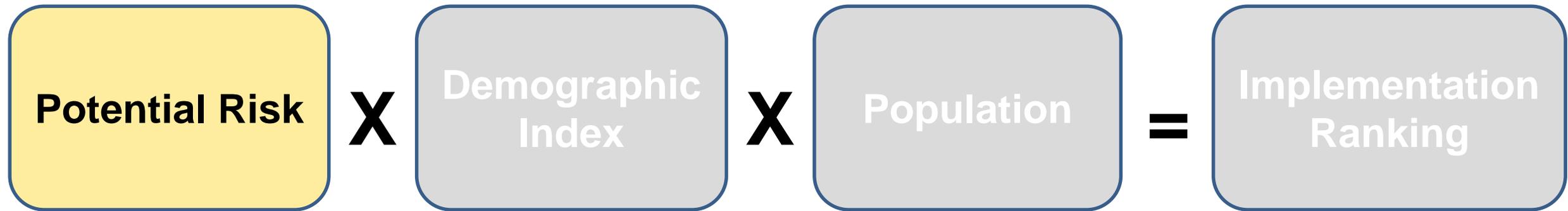


# Individual Source Ranking Process

## Potential Ranking Formula

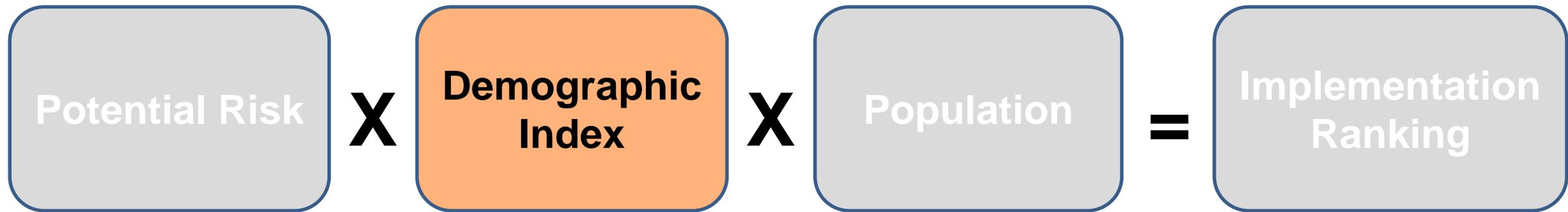


# Potential Risk



**Compare emissions to Reference Emission Rates  
(takes into account toxicity)**

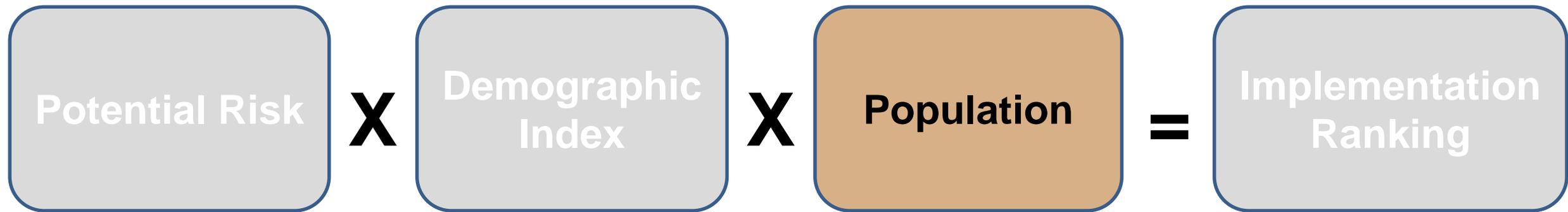
# Demographic Index



## Consider:

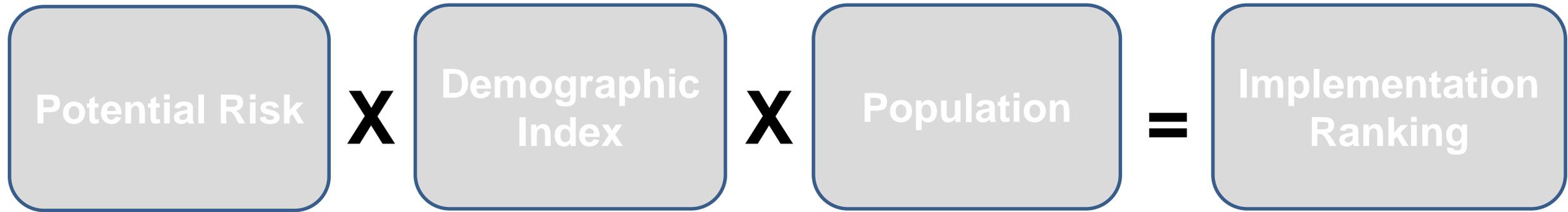
- % low income
- % minority

# Population



**Population in 1 km radius circle around source  
(~1 mile diameter)**

# Other Criteria?



- Less than high school education
- Linguistic isolation

**Others?**

- Individuals under age 5
- Individuals over age 64

# Facilities in Tier 1

Permit Type	Number of Permits
Title V	109
Standard Air Contaminant Discharge Permit	133
Simple Air Contaminant Discharge Permit	147
Chrome Platers (General Permit)	9
Plating and Polishing (General Permit)	16
TOTAL	414
<b>Number of sources in first tier (~20%)</b>	<b>80</b>

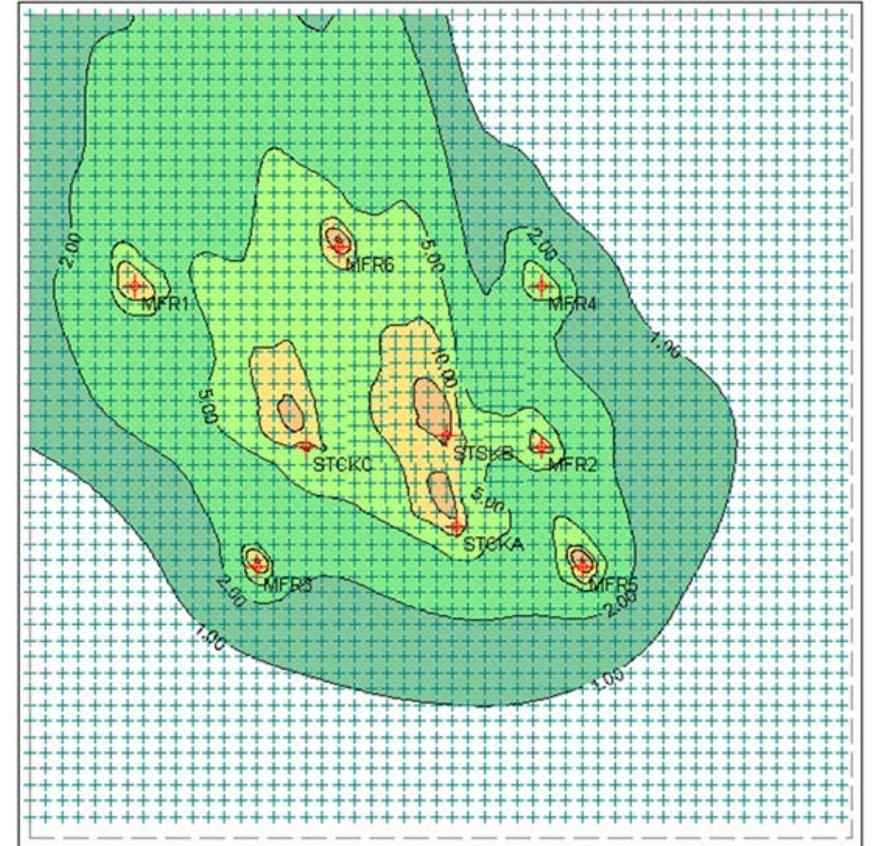
# Call-in of Tier 1

- Notify Tier 1 (80 sources) just after rule adoption
- Call in groups at regular intervals throughout the first year
- CAO permit application deadline depends on Level of Risk Assessment needed



# Area Source Ranking Process

- Use individual source ranking
- Map sources
- Find area with highest potential risk
- Call in all permitted sources in area and identify sources that may need permits



# Report out on Tier 1



- Report to EQC every year for 5 years:
  - Number and type of Risk Assessments completed
  - Risk reduction
  - Emission controls installed
- Begin Tier 2 after Tier 1 is complete

# Tiering Implementation

