

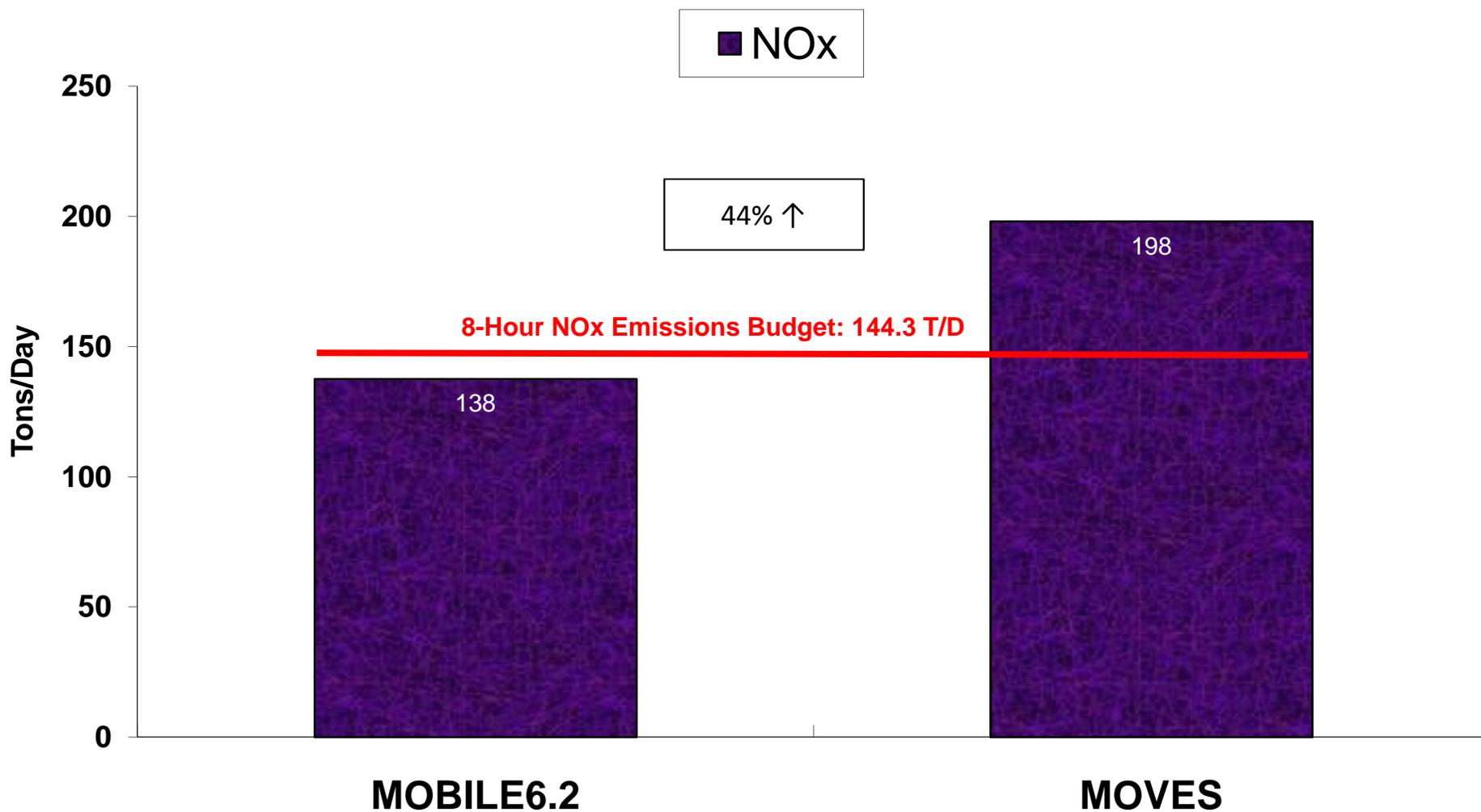
## “Order of Magnitude” MOVES Emissions vs. MOBILE Budgets

- This Task involved an order of magnitude estimation of analysis year 2010 emissions from MOVES model vs. the regions mobile emissions budgets.
  1. The first step was to compare MOVES2010 generated emissions for analysis 2005 (base year) vs. Mobile6.2 generated emissions for analysis 2005 and develop a factor (see table below).
  2. The second step was to apply this factor to the Mobile6.2 generated emissions for analysis 2010 and develop an order of magnitude 2010 emissions that we can reasonably expect from using the MOVES model.
  3. The final step was to compare the MOVES emissions for analysis year 2010 vs. the budgets for ozone precursor VOC, NOx (8Hour), and direct PM2.5 and precursor NOx.

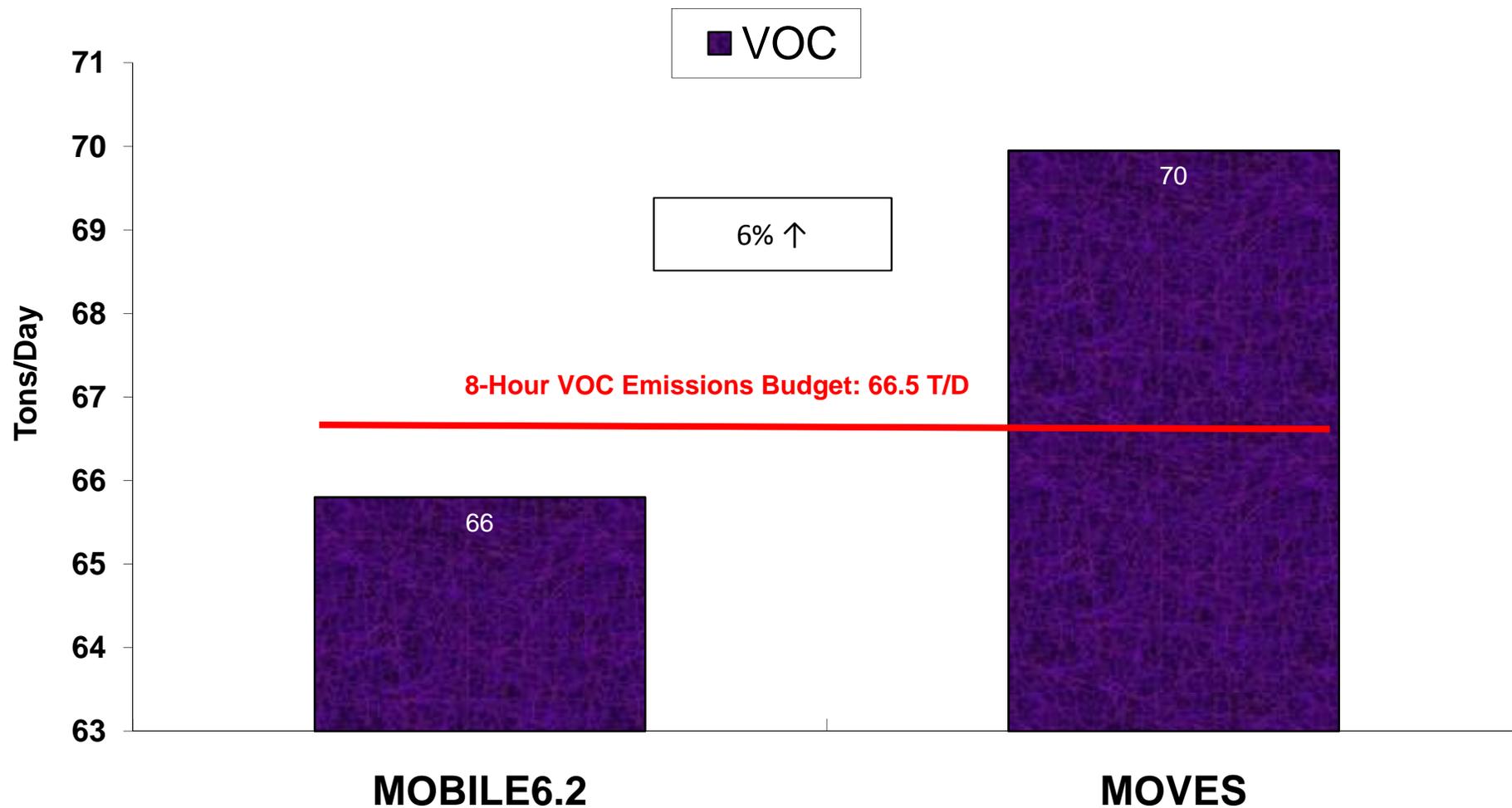
Mobile 6.2 to MOVES Factors

8-Hour		Annual	
VOC	NOx	PM2.5	NOx
1.06	1.44	2.32	1.29

# Order of Magnitude MOVES NOx Emission VS. MOBILE Budget for the 8-Hour Ozone Nonattainment Area



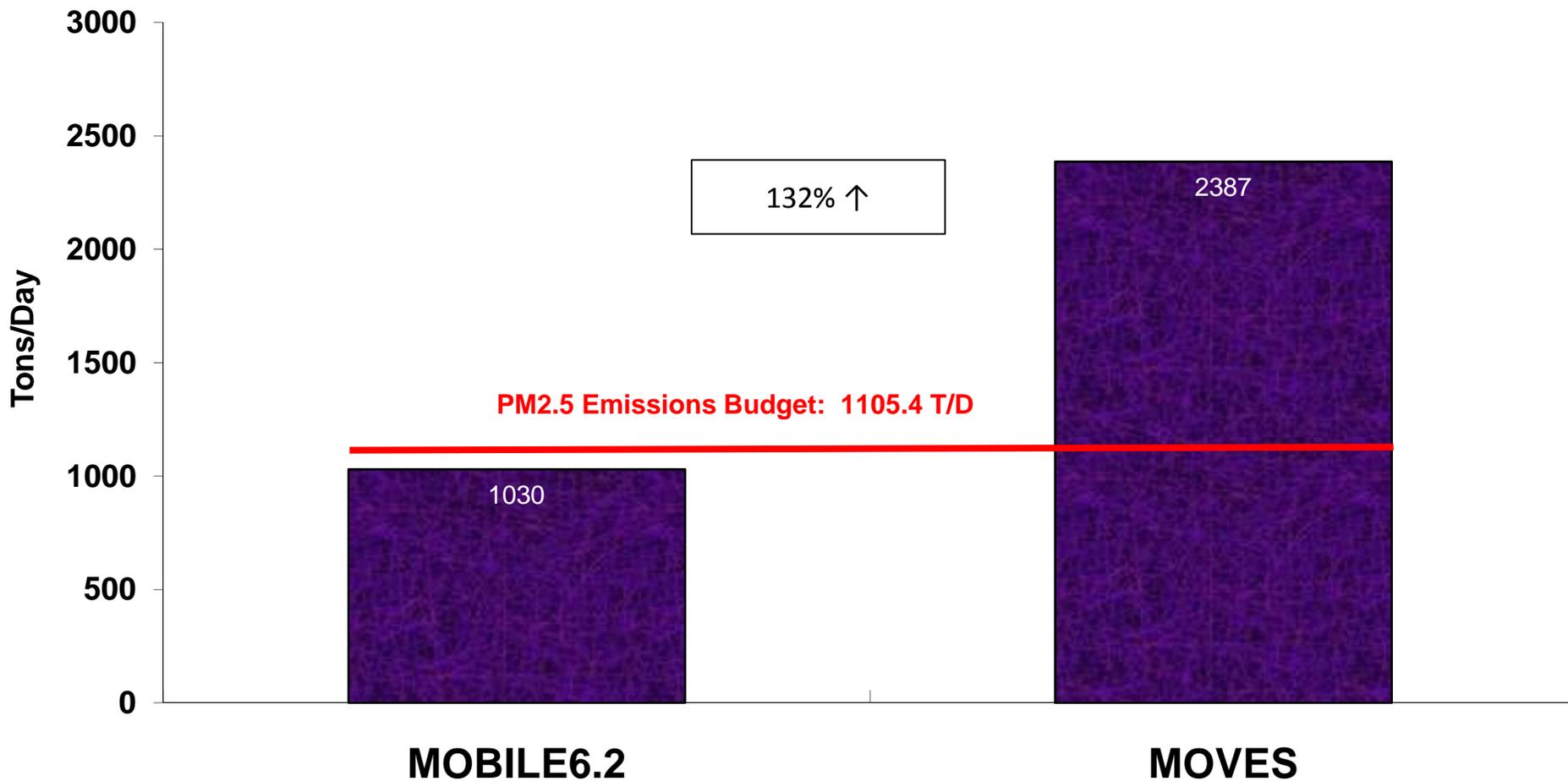
# Order of Magnitude MOVES VOC Emission VS. MOBILE Budget for the 8-Hour Ozone Nonattainment Area



# Order of Magnitude MOVES PM2.5 Emission VS. MOBILE Budget

■ PM2.5

132% ↑



# Order of Magnitude MOVES Precursor NOx Emission VS. MOBILE Budget

